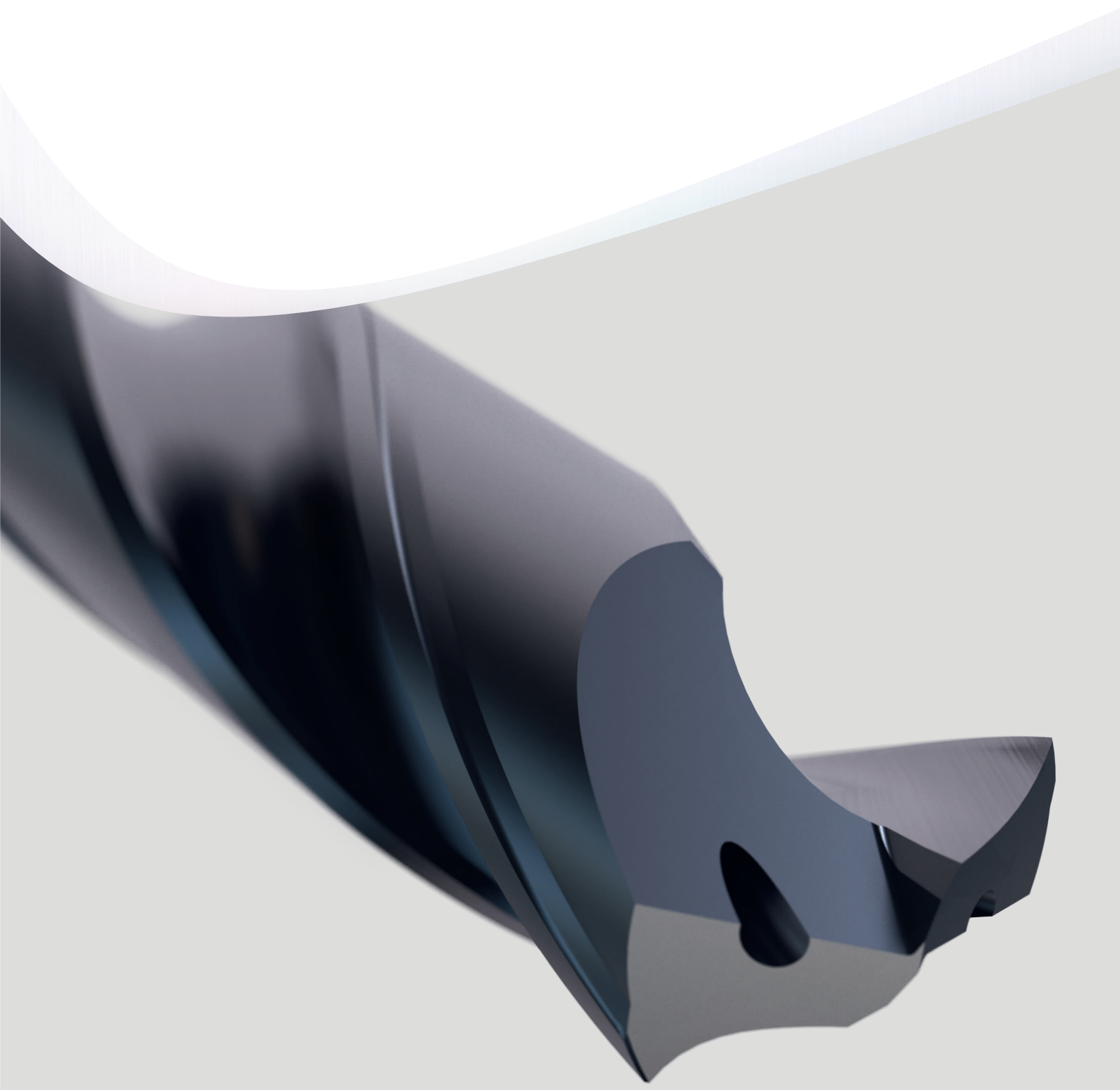
Seco

Catalogue et guide technique

Holemaking 2024.2



Chez Seco, nous fabriquons des outils, proposons des technologies et des solutions pour relever les défis de fabrication les plus avancés au monde. Depuis notre création à Fagersta en Suède, jusqu'à l'entreprise internationale d'aujourd'hui, nos activités ont toujours été conçues sur mesure et fondées sur la confiance.

En associant des outils de haute précision à des partenariats durables et personnels, nous sommes une véritable entreprise humaine qui aide ses partenaires à explorer l'avenir de l'industrie manufacturière.

Nous sommes fiers de fabriquer pour les fabricants, d'inventer pour les inventeurs et travailler en partenariat avec les pionniers. Nous mettons l'accent sur l'innovation pour préparer l'avenir. En somme, si l'outil adéquat pour effectuer une tâche existe, nous le fournissons. S'il n'existe pas, nous mettons tout en œuvre pour le créer.

Nous sommes fiers de placer le développement durable au cœur de tout ce que nous entreprenons, en remettant en question les perceptions de notre industrie, en changeant le processus de fabrication et en jouant notre humble rôle dans le développement d'un avenir plus radieux.

Made for Makers

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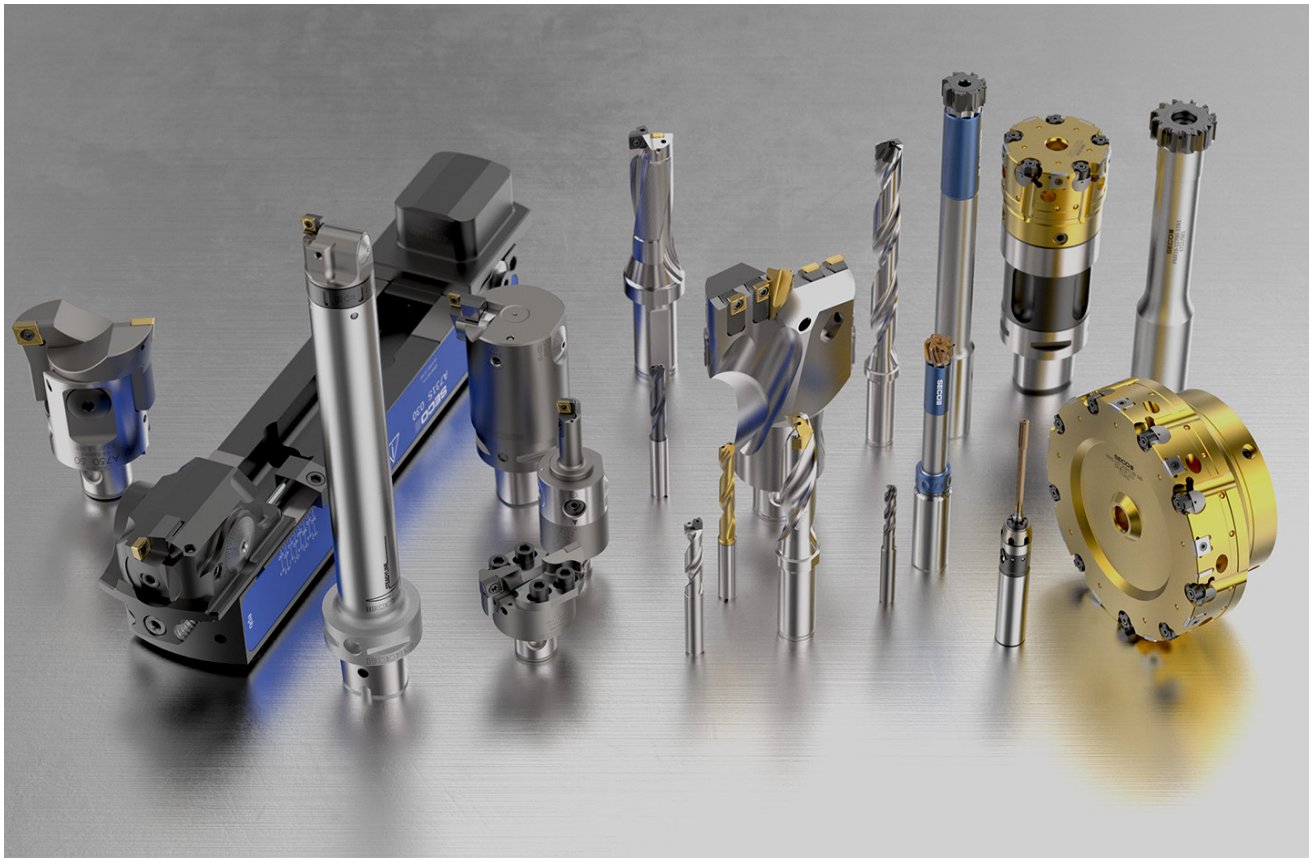
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Surmontez tous les défis de l’usinage des trous

L’alésage peut faire la différence entre le profit et la mise au rebut des pièces, et le succès exige un outillage de la plus haute qualité pour une amélioration optimale du niveau de productivité et des opportunités de réduction des coûts. Pour atteindre ce niveau de réussite, les fabricants ont besoin d’un partenaire qui puisse les aider à tester les processus et les nouvelles solutions. Un partenaire capable de relever tous vos défis grâce à une gamme complète d’outils de perçage, d’alésage et de filetage.

Seco Tools est votre fournisseur unique de solutions complètes de perçage. Forts de nombreuses années d’expérience dans le développement de solutions de perçage pour les applications exigeantes de nos clients, nous disposons de l’expertise en matière de recherche et développement et de coupe des métaux pour aider les industriels à optimiser leurs processus.

Nous nous engageons à améliorer la productivité de nos clients en matière de perçage. Cela signifie que vous pouvez acquérir des outils, bénéficier d’une assistance technique, consulter des experts et développer des solutions auprès d’un seul fournisseur et avoir accès à la gamme la plus complète de forets indexables et monoblocs, d’alésoirs, de tarauds et de têtes à aléser du secteur.



Que cherchez-vous lorsque vous voulez usiner un trou ?

	Perçage			Alésage à l'alésoir				Alésage		Filetage			
	Seco Universal Seco Feedmax™	Crownloc® Crownloc® Plus	Perfomax®	Precimaster™ Plus	Nanofix™ / Nanojet	Bifix®	Xfix™	Alésage d'ébauche	Alésage de finition	Threadmaster™	Tarauds Threadmaster™		Filetage par fraisage 396.18./.19./.20
Page(s)	24-160	161-213	214-298	303-339	340-368	388-414	415-454	482-557	558-608	Voir le catalogue Filetage			
													
IT	7-9	9-10	12	6-8	6-8	6-7	6-7	9-10	5-6	–	–	–	–
⌖	0,02 mm *(0.0008")*	0,05 mm *(0.002")*	–	Suit le pré-alésage	Suit le pré-alésage	Suit le pré-alésage	Suit le pré-alésage	0,005 mm *(0.0002")*	0,005 mm *(0.0002")*	–	Suit le pré-alésage	Suit le pré-alésage	–
⌭	0,02 mm *(0.0008")*	0,05 mm *(0.002")*	–	0,007 mm *(0.0003")*	0,007 mm *(0.0003")*	0,005 mm *(0.0002")*	0,005 mm *(0.0002")*	0,02 mm *(0.0008")*	0,01 mm *(0.0004")*	–	–	–	–
$\sqrt{R_a}$	1,0 µm *(39 µin)*	1,6 µm *(63 µin)*	2,0 µm *(79 µin)*	0,6 µm *(24 µin)*	0,6 µm *(24 µin)*	0,25 µm *(10 µin)*	0,8 µm *(31 µin)*	1,0 µm *(39 µin)*	0,6 µm *(24 µin)*	–	–	–	–
TCTR	–	–	–	–	–	–	–	–	–	–	6H 6HX 6G 2B Normal	5HX 2BX Normal-X 6HX 6GX	–
Forme de filetage	–	–	–	–	–	–	–	–	–	M MF UNC UNF NPT NPTF BSP	M MF UNC UNF G NPT NPTF	M MF UNC UNF G	ISO UN W NPT NPTF BSPT

⌖ **Précision du positionnement**
Seco Feedmax, la tête à aléser d'ébauche A750 et la gamme de tête à aléser de finition, sont dans la gamme Holemaking les outils qui offrent la meilleure précision de positionnement.

⌭ **Géométrie du trou**
Tous les outils de la gamme de forets (sauf Performax), d'alésoirs et de têtes à aléser pourront être choisis pour obtenir la meilleure géométrie possible comme la cylindricité ou la circularité. Là où les têtes à aléser garantiront la meilleure circularité.

$\sqrt{R_a}$ **État de surface**
Le meilleur état de surface sera obtenu avec Bifix, avec les têtes à aléser de finition, il est possible d'obtenir des états de surface très fins.

TCTR = Classe de tolérance en filetage

IT = Tolérance du trou

Références ISO

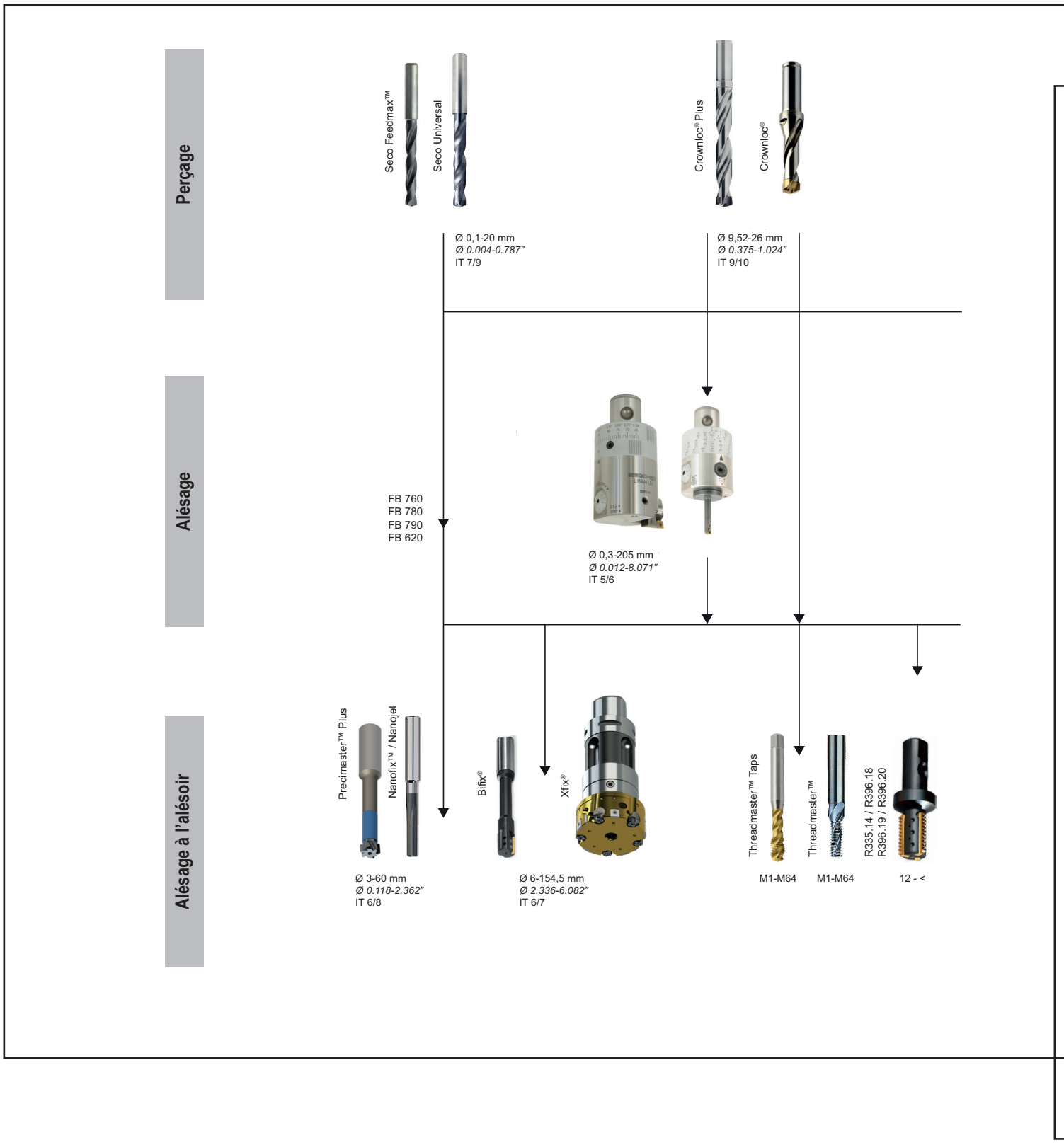
Référence ISO (abréviation)	Signification
ADJLN	Limite de réglage minimum
ADJLX	Limite de réglage maximum
ADJRG	Amplitude de réglage
AN	Angle de dépouille majeur
APMX	Profondeur de coupe maximum
AZ	Profondeur de plongée maximum
B	Largeur d'attachement
BD	Diamètre de corps
BD1	Diamètre du corps 1
BD2	Diamètre du corps 2
BDX	Diamètre du corps maximum
BHTA	Demi-angle du cône du corps
BLQ	Code de qualité d'équilibrage
BN	Largeur du renfort
CBDP	Profondeur d'alésage de raccordement
CDX	Profondeur de coupe maximum
CEDC	Nombre d'arêtes de coupe
CHA	Angle du trou sécant
CHW	Largeur d'angle de chanfrein
CNT	Taille du filetage d'entrée du liquide de refroidissement
CW	Largeur de coupe
CZC	Code de taille de raccord
D1	Diamètre du trou de fixation
DC	Diamètre de coupe
DCB	Diamètre d'alésage de raccordement
DCBN	Diamètre d'alésage de raccordement minimum
DCBX	Diamètre d'alésage de raccordement maximum
DCB1	Diamètre d'alésage de raccordement 1
DCC	Code du style de configuration de conception
DCINN	Diamètre de coupe minimum interne
DCINX	Diamètre de coupe maximum interne
DCN	Diamètre de coupe minimum
DCON	Diamètre de raccordement
DCX	Diamètre de coupe maximum
DF	Diamètre de flasque
DMM	Diamètre du foret
FLGW	Largeur de flasque
GAN	Angle de coupe de la plaquette
GB	Angle du renfort
HTB	Hauteur de corps
IC	Diamètre du cercle inscrit
INSD	Diamètre de plaquette
INSL	Longueur de plaquette
KRINS	Angle d'arête de coupe principal
L	Longueur d'arête de coupe
LB	Longueur de corps
LB1	Longueur de corps 1
LCF	Longueur de goujure
LE	Longueur d'arête de coupe effective
LF	Longueur fonctionnelle
LFS	Longueur secondaire fonctionnelle
LH	Longueur de tête
LPR	Longueur utile
LS	Longueur de queue
LSC	Longueur de fixation
LU	Longueur utile (maximum recommandé)
LUX	Longueur maximum utilisable
M	Dimension-M
OAL	Longueur totale
RE	Rayon
S	Épaisseur de plaquette
TDZ	Taille de diamètre de filetage
WB	Largeur de corps
WF	Largeur fonctionnelle

Guide des outils

Les Feedmax, Crownloc et Perfomax sont utilisées pour réaliser des trous de diamètres 0,1 à 160 mm (0.004-6.299") avec des tolérances de IT7 à IT12.
Pour contre-percer des trous pré-ébauchés, nous utilisons la gamme de tête à aléser Seco Tools Tooling Systems avec semelles pour l'alésage d'ébauche ou la semi-finition et pour les grands diamètres, le modèle Jumbo.
Enfin, les trous de haute qualité sont réalisés avec des alésoirs à têtes à aléser de finition pour atteindre une tolérance de l'ordre de IT5 ou IT6.
* Ébauche IT9/10, ** Finition IT 5/6

Threadmaster DTM, TM, TM2, 396.18 et 396.19 ;
la même fraise peut réaliser des filetages à droite ou à gauche. Les versions métriques et UN sont utilisables pour le filetage intérieur uniquement. Il est possible de réaliser toutes les classes de tolérance avec la même fraise.

Taraud Threadmaster :
disponible dans les tailles de filetage et les tolérances les plus courantes, à la fois en taraud coupant et en taraud à refouler.



Trous de fonderie







RB 750
RB 610

Ø 15-85 mm
Ø 0.591-3.346"
IT 12

Ø 60-160 mm
Ø 2.362-6.299"
IT 12

Ø 18-205 mm
Ø 0.709-8.071"
IT 9/10

Alésage d'ébauche



RB 750
RB 610

Ø 18-205 mm
Ø 0.709-8.071"
IT 9/10



BB 731
Jumbo

Ø 204-3205 mm
Ø 8.031-126.181"
*IT 9/10
**IT 5/6

Alésage de finition





FB 760
FB 780
FB 790
FB 620

Ø 0,3-205 mm
Ø 0.012-8.071"
IT 5/10

Gamme de perçage - Choix du foret

Forets carbure monobloc Seco Feedmax™



PRODUCTIVITÉ
- Vitesses de coupe et d'avance élevées
- Trous aux tolérances serrées
- Pour les applications avec une grande stabilité
- Pour tous les matériaux

Forets à couronnes amovibles Crownloc® & Crownloc® Plus



FLEXIBILITÉ
- Embouts carbure amovibles
- Géométries pour différentes matières
- Pas de réaffûtage
- Différents diamètres de bagues pour chaque corps de foret

Forets à plaquette indexable Perfomax®



RENTABILITÉ
- Nuances et géométries pour toutes les matières
- Perçage économique grâce aux consommables (plaquettes)
- Polyvalence des applications (perçage, trous sécants avec angle d'entrée ou sortie, alésage...).
- Haute sécurité d'application

SMG - Introduction

À titre d'exemples, les matériaux de référence EN C45E pour SMG P4 et EN 42 CrMo 4 pour SMG P5 et SMG H5 : pour de plus amples informations, se reporter aux tableaux suivants.
Dans les SMG, la classification des matières à usiner applique une norme de matériaux spécifique dans une situation donnée, qui sert de référence pour faciliter et garantir le choix des paramètres de coupe pour tout matériel effectif par rapport à une solution Seco. À titre d'exemples, les matériaux de référence EN C45E pour SMG P4 et EN 42 CrMo 4 pour SMG P5 et SMG H5, sont présentés dans le tableau 1 ci-dessous, qui indique la propriété du matériau de référence.

Les SMG ont pour fondement une classification des matières à usiner en fonction de leur type plutôt que de leur usinabilité relative. Par conséquent, cette classification comprend les matières à usiner telles que les composites. Bien que cette classification soit assez exhaustive, il est facile d'identifier à quel SMG appartient un matériau donné.
Chaque SMG applique une norme de matériaux spécifique dans une situation donnée, qui sert de référence pour faciliter le choix des paramètres de coupe par rapport à une solution Seco, voir pages 646-657.

SMG	Description	Propriétés	Référence
P4	Aciers de construction faiblement alliés, 0,25 % < C < 0,67 % wt Aciers trempés & revenus faiblement alliés	520 < R_m < 1 200	C 45E R_m = 660 N/mm²
P5	Aciers de construction, 0,25 % < C < 0,67 % wt- Aciers de trempés & revenus	550 < R_m < 1 200	42 CrMo 4 R_m = 700 N/mm²

SMG	Description	Propriétés	Référence
H5	Aciers trempés & revenus	38 < HRC < 56	42 CrMo 4 50 HRC

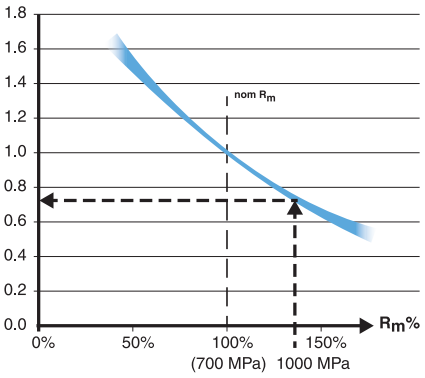
pour le EN 42 CrMo 4 en état recuit, la résistance maximale à la traction R_m peut varier entre R_m = 630 N/mm² et R_m = 780 N/mm², équivalent à un niveau de référence pour SMG P5.

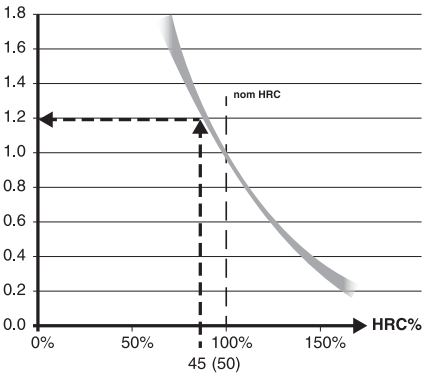
En condition trempé & revenu, la résistance Rm maximale à la traction peut se trouver entre R_m = 900 N/mm² et R_m = 1100 N/mm² elle appartient donc toujours au SMG P5. Toutefois, en cas de durcissement au-delà de R_m = 1200 N/mm² elle appartient désormais au SMG H5.

SMG	EN	W.-Nr	AFNOR	BS	UNI	JIS	AISI/ASTM	GOST	Condition	R_{m_nom}	HRC_{nom}
P4	42 CrMo 4	1.1201	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	4142, 4140	38HM	Recuit	700	
	42 CrMo 4	1.1201	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	4142, 4140	38HM	Trempé & revenu	1000	
H5	42 CrMo 4	1.1201	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	4142, 4140	38HM	Trempé & revenu		45
	42 CrMo 4	1.1201	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	4142, 4140	38HM	Trempé & revenu		50

L'acier trempé et revenu EN 42CrMo4 a pu être utilisé pour illustrer l'usinabilité selon l'état des matériaux.

Les graphiques ci-dessous indiquent comment ajuster les recommandations de vitesse pour les conditions nominales d'un matériau pour une R_m relative (schéma de gauche valable pour ISO-P) et pour un HRC relatif (valable pour ISO-H).





Afin d'illustrer la façon dont la valeur nominale v_c du SMG P5 peut être ajustée à une valeur v_c recommandée plus précise, nous avons besoin de données de résistance maximales à la traction : Rm. Dans ce cas, nous utilisons l'acier trempé et revenu EN 42 CrMo 4 sur R_m = 1 000 N/mm² conformément au tableau ci-dessus (flèches bleues en gras). Supposons que la valeur nominale v_c du SMG P5 est de 280 m/min pour un produit et un usinage donnés.
La valeur v_c recommandée effective est alors de 280 m/min x 0,75 = 210 m/min. Par conséquent, dans le SMG H5, la valeur nominale v_c peut être réglée via le EN 42 CrMo 4 durci à HRC 45 (petites flèches grises).

Supposons que la valeur nominale v_c du SMG H5 est de 50 m/min pour une solution d'usinage donnée utilisant des outils en carbure revêtu. Dans ce cas, la v_c recommandée effective est de 50 m/min x 1,2 = 60 m/min.
Pour de plus amples informations sur les matières à usiner, se reporter aux pages 646-657 ainsi qu'aux paramètres de coupe conseillés correspondants.
Pour une gestion plus aisée des paramètres de coupe, nous recommandons d'utiliser My Pages – Suggest sur www.secotools.com

Des solutions universelles et hautes performances

Que recherchez-vous pour vos forets en carbure monoblocs ?

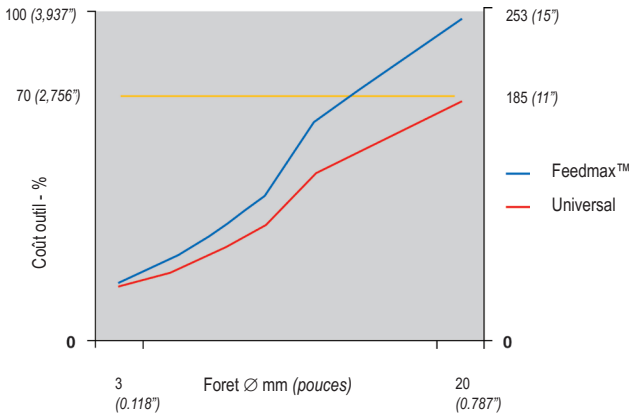
Universal - Foret carbure monobloc avec des performances générales polyvalentes

Le foret Universal est un foret polyvalent et performant, qui peut être utilisé dans une large gamme de matériaux et d'applications dans tous les segments de l'industrie. Grâce à sa conception, son angle de pointe de 140°, ses goujures polies, ce foret garantit une utilisation polyvalente et fiable à un coût réduit.
Avec l'Universal, les coûts de stock seront réduits et une plus grande flexibilité d'usinage sera possible, ce qui réduira le temps de mise en route. L'Universal est une alternative aux forets Seco Feedmax™ pour les opérations lorsque polyvalence, flexibilité et optimisation des stocks constituent les principaux objectifs.

Feedmax™ - Forets carbure monobloc hautes performances

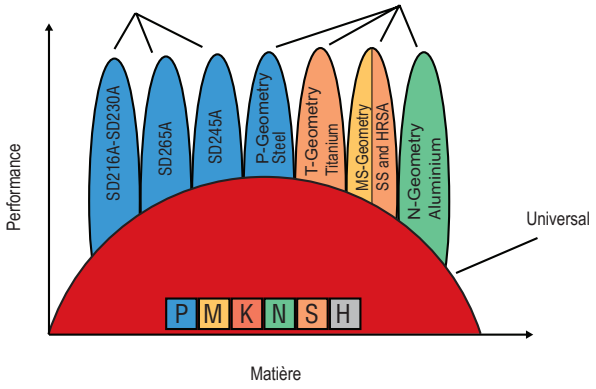
Feedmax ™ offre une combinaison unique des tous derniers revêtements carbure et technologies de géométrie.
Feedmax ™ est conçu pour obtenir une productivité élevée et un faible coût par trou avec une grande avance jusqu'à 0,70 mm/tr *(0.028 pouce/tr)* et et de hautes vitesses de coupe allant jusqu'à 220 m/min *(720 sf/min)*. Avec d'excellentes capacités de centrage, obtenez une qualité du trou élevé, sans avoir besoin d'un point de centre (pointage). Grâce à son revêtement moderne avec une dureté à chaud élevée, la bonne acuité des arêtes de coupe avec des renforts de protection d'angle, une très bonne évacuation des copeaux, une bonne qualité d'arête et une durée de vie améliorée.
Feedmax ™ dispose d'une large gamme de géométries optimisées pour différents matériaux et applications afin d'obtenir un trou de bonne qualité à moindre coût.

MRR, débit copeaux
(cm^3/min)

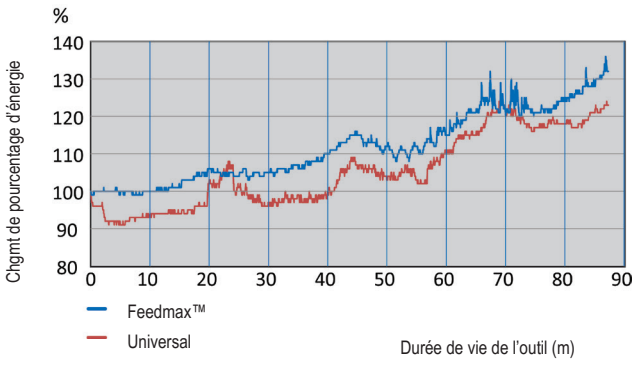


Feedmax™
Géométries optimisées
pour les applications

Feedmax™
Géométries optimisées
pour les matières



Durée de vie, faibles conditions de coupe

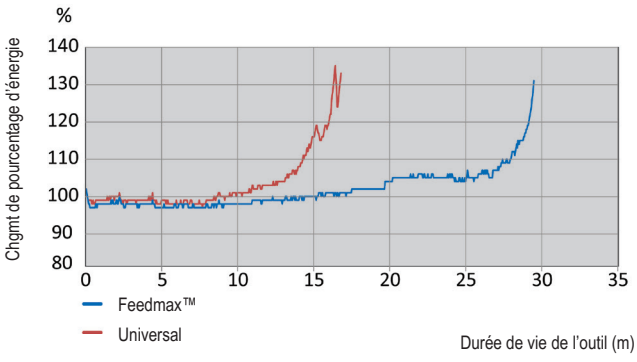


Le premier trou est défini comme base de référence, 100 % basé sur la puissance de la broche
Paramètres de coupe
v_c = 90 m/min
f = 0,15 mm/tr

v_c = 295 sf/min
f = 0.006 pouce/tr

Matériau = SMG P5-P6, SS2244, DIN41CrMo4, AISI 4140

Durée de vie, conditions de coupe élevées

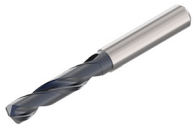
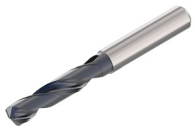
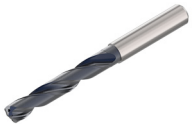


Le premier trou est défini comme base de référence, 100 % basé sur la puissance de la broche
Paramètres de coupe
v_c = 160 m/min
f = 0,24 mm/tr

v_c = 525 sf/min
f = 0.009 pouce/tr

Matériau = SMG P5-P6, SS2244, DIN41CrMo4, AISI 4140

Présentation de la gamme

Universal & Feedmax™	Page(s)	∅ gamme	Profondeur de perçage	Tolérance ∅ du foret	Tolérance de trou (1)	État de surface (2)
SD1103 	Page(s) 25, 26, 27, 28, 29	3-20 mm *(0.118-0.787")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD1103A 	Page(s) 30, 31, 32, 33, 34	3-20 mm *(0.118-0.787")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD1105A 	Page(s) 35, 36, 37, 38, 39, 40, 41	3-20 mm *(0.118-0.787")*	~ 5 x D	m7	IT 8-9	Ra 1-3 µm *(Ra 39-118 µin)*
SD1108A 	Page(s) 42, 43, 44, 45	3-20 mm *(0.118-0.787")*	~ 8 x D	m7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD1112A 	Page(s) 46, 47, 48, 49	3-20 mm *(0.118-0.787")*	~ 12 x D	m7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD203A-P 	Page(s) 51, 52, 53, 54, 55, 56	2-20 mm *(0.078-0.787")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD205A-P 	Page(s) 57, 58, 59, 60, 61, 62, 63	2-20 mm *(0.078-0.787")*	~ 5 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD206, SD206A 	Page(s) 64, 65	0,7-2,0 mm *(0.027-0.078")*	~ 6 x D	h6	IT 9	Ra 1-2 µm *(Ra 39-79 µin)*
SD207A-P 	Page(s) 66, 67, 68	3-20 mm *(0.118-0.787")*	~ 7 x D	m7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*

1) Des variations peuvent être rencontrées en fonction de la matière usinée et des conditions de coupe utilisées.
2) La profondeur de perçage, les conditions de coupe, la lubrification et la matière usinée peuvent entrainer la détérioration de l'état de surface.

Présentation de la gamme

Feedmax™	Page(s)	∅ gamme	Profondeur de perçage	Tolérance ∅ du foret	Tolérance de trou (1)	État de surface (2)
SD216A 	Page(s) 69	3-12 mm *(0.118-0.472")*	~ 16 x D	m7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD230A 	Page(s) 70	4-10 mm *(0.157-0.393")*	~ 30 x D	m7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD2040A 	Page(s) 71	3-8 mm *(0.118-0.315")*	~ 40 x D	e8	IT 9-10	Ra 1-3 µm *(Ra 39-118 µin)*
SD2050A 	Page(s) 72	3-6,35 mm *(0.118-0.250")*	~ 50 x D	e8	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD2060A 	Page(s) 72	3-5 mm *(0.118-0.197")*	~ 60 x D	e8	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD245A 	Page(s) 73-74, 75	5-14 mm *(0.196-0.551")*	~ 5 x D	m7	IT 8	Ra 1-2 µm *(Ra 39-79 µin)*
SD265A 	Page(s) 77	6-16 mm *(0.236-0.630")*	~ 5 x D	js6	IT 7	Ra 1-2 µm *(Ra 39-79 µin)*
SD203A-MS Superalliages 	Page(s) 84, 85, 86, 87	2-20 mm *(0.079-0.551")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD205A-MS Superalliages 	Page(s) 88, 89, 90, 91	2-20 mm *(0.079-0.551")*	~ 5 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*

1) Des variations peuvent être rencontrées en fonction de la matière usinée et des conditions de coupe utilisées.
2) La profondeur de perçage, les conditions de coupe, la lubrification et la matière usinée peuvent entrainer la détérioration de l'état de surface.

Présentation de la gamme

Feedmax™	Page(s)	∅ gamme	Profondeur de perçage	Tolérance ∅ du foret	Tolérance de trou (1)	État de surface (2)
SD203A-M 	Page(s) 92, 93, 94	3-14,25 mm *(0.118-0.561")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD205A-M 	Page(s) 95, 96, 97	2,5-16 mm *(0.098-0.630")*	~ 5 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD203A-T, SD205A-T 	Page(s) 98, 99	4,73-12 mm *(0.188-0.472")*	~ 3 x D, ~ 5 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD203A-N 	Page(s) 100, 101	2,5-14 mm *(0.098-0.551)*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD205A-C1, -C2 	Page(s) 105-105	6-9,55 mm *(0.236-0.376")*	~ 5 x D	m7	IT 9	–
SD203-CX1 	Page(s) 106	3,26-9,53 mm *(0.128-0.375")*	~ 5 x D	m7	IT 9	–
SD22 	Page(s) 108, 109, 110, 111, 112, 113	0,1-2,0 mm *(0.004-0.079")*	~ 2 x D	0,005/0 mm (+0.0002"/0)	–	–
SD26 	Page(s) 114, 115, 116, 117, 118, 119	0,1-2,0 mm *(0.004-0.079")*	~ 6 x D	0/-0,004 mm (0/-0.00016")	–	–

1) Des variations peuvent être rencontrées en fonction de la matière usinée et des conditions de coupe utilisées.
2) La profondeur de perçage, les conditions de coupe, la lubrification et la matière usinée peuvent entrainer la détérioration de l'état de surface.

Codification des références :

Universal

Type de foret Foret carbure monobloc : SD1103 : ~3 x D SD1105 : ~5 x D SD1108 : ~8 x D SD1112 : ~12 x D			Diamètre du foret			Diamètre d'attachement	Rotation à droite	
SD1105	**A**	**–**	**0850**	**–**	**049**	**–** **10**	**R**	**1**
	Arrosage central				Profondeur de perçage			Type d'attachement 1. Cylindrique

Feedmax™

Type de foret Foret carbure monobloc : SD203 : ~3 x D SD205 : ~5 x D SD207 : ~7 x D SD2040: ~40 x D SD2050: ~50 x D SD2060: ~60 x D			Diamètre du foret			Diamètre d'attachement	Rotation à droite		P - Géométrie pour acier MS - Géométrie pour superal-liages et acier inoxydable
SD205	**A**	**–**	**0950**	**–**	**049**	**–** **10**	**R**	**1**	**–** **P**
	Arrosage central				Profondeur de perçage			Type d'attachement 1. Cylindrique	



Feedmax™

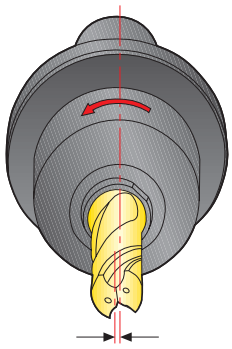
Type de foret Foret carbure monobloc : SD206 : ~6 x D SD216 : ~16 x D SD230 : ~30 x D SD245 : ~5 x D SD265 : ~5 x D SD22 : ~2 x D SD26 : ~6 x D			Diamètre du foret			Diamètre d'attachement	Rotation à droite		M - Géométrie pour superalliages T - Géométrie pour alliages de titane N - Géométrie pour aluminium C1 - Géométrie pour CFRP pour sortie dans la fibre de carbone (CFRP) C2 - Géométrie pour CFRP pour trou débou-chant dans le Ti ou Al CX1 - Forets PCD pour CFRP et GFRP
SD205	**A**	**–**	**9.5**	**–**	**45**	**–** **10**	**R**	**1**	**–** **M**
	Arrosage central				Profondeur de perçage			Type d'attachement 1. Cylindrique 5. Whistle Notch	

Recommandations

Attachement/faux-rond
Les forets avec attachements cylindriques peuvent être montés dans un mandrin à pince, un mandrin hydraulique ou fretté.
Conserver le faux-rond maxi. de 0,04 mm (0.0016") sur la broche machine.
Pour de meilleurs résultats, maintenir un faux-rond de 0,02 mm (0.0008").

Stabilité
La stabilité a une grande influence sur la durée de vie du foret et la précision du perçage.
S'assurer du bon état de la broche de la machine et de la rigidité du montage de la pièce pour assurer un maximum de stabilité et de rigidité.
Des conditions instables peuvent entraîner une rupture de l'outil.

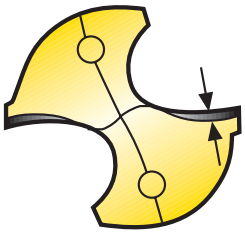
Porte-outils recommandés



Pour un meilleur résultat :
Type 5603 - Porte-outils à fretter, type DIN
Type 5834/HC/HCR/HCS
Type 5672 - Mandrins à pince de précision
Pour plus d'informations, voir le catalogue Systèmes d'attachements

Max. 0,02 mm (0.0008")

Durée de vie de l'outil
L'usure en dépouille ne doit pas dépasser de 0,1 à 0,3 mm (0.004-0.012").



0,1 à 0,3 mm (0.004 à 0.012")

Porte-outil à fretter
(Uniquement pour les attachements cylindriques, R1)



Mandrin hydraulique
(Uniquement pour les attachements cylindriques, R1)



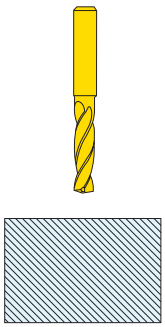
Mandrins à pince haute précision
(Uniquement pour les attachements cylindriques, R1)



Stratégies d'usinage

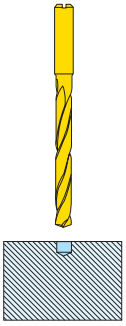
Entrée du trou sur une surface usinée

3-15 x D



Pré-perçage ou réduction de l'avance non requis.

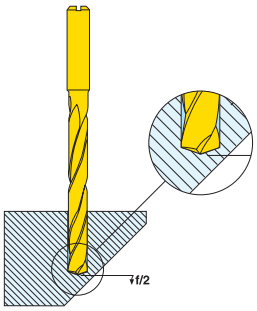
> 16 x D



Lorsque vous utilisez un long foret, il est recommandé d'utiliser un pilote.

Angles de sortie du trou

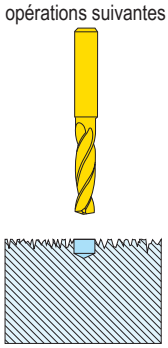
Avant la sortie du trou réduire l'avance par tour de 50%.



ou utiliser les forets SD245A.

Entrée de trou angulaire ou irrégulière

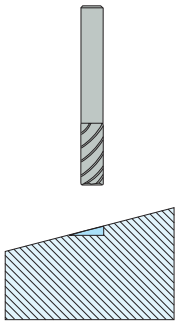
Dans le cas d'une attaque sur une pente ou une surface irrégulière utiliser les opérations suivantes



Entrée du trou régulière

Réaliser un pré-perçage avec un Feedmax court standard.

Pré-usinage possible

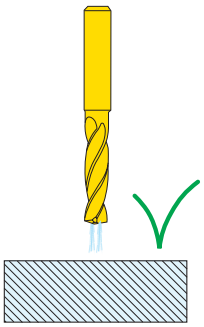


Entrée du trou angulaire

Usiner un plat avec une fraise Cw de la gamme Seco.

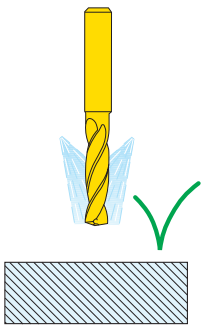
Recommandations d'arrosage

1.



Choix de base

2.



≤ 5 x D

1. Pression de lubrification*
Minimum de pression de lubrifiant recommandé
10 bar avec ≤ 5 x D
Minimum de pression de lubrifiant recommandé
30 bar avec > 5 x D
Minimum de pression de lubrifiant recommandé
40 bar avec > 16 x D

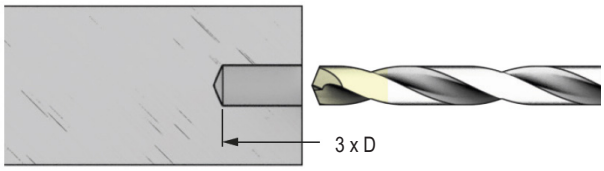
2. Concentration du lubrifiant
Émulsion concentrée à 6-8 % recommandée.
Pour le perçage dans l'inox, les superalliages et les aciers hautes résistances, un mélange de 10% est recommandé.

*Si la pression de lubrification utilisée est plus faible, réduire les conditions de coupe en accord avec la lubrification utilisée.

Stratégie d'usinage – Productivité

SD216A (16 x D) au SD2040A (40 x D)

1. Foret pilote

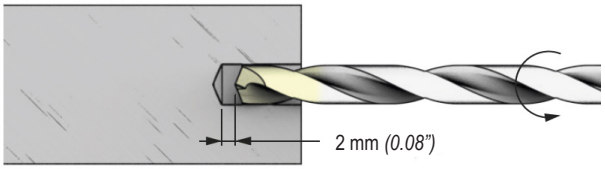




≥ 10 bar
ACTIVÉ

- SD203A

2. Avance d'entrée

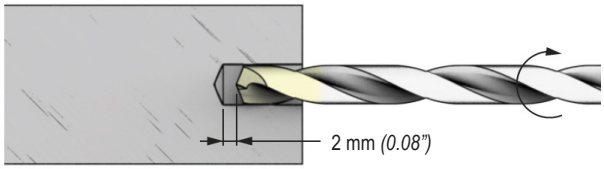




DÉSACTIVÉ

- Jusqu'au SD2040A
- Avec une rotation dans le sens inverse des aiguilles d'une montre et un arrêt à 2 mm avant le fond du trou
- n_{max} = 100 tr/min
- v_f = 1000 mm/min

3. Modifier la rotation de la broche

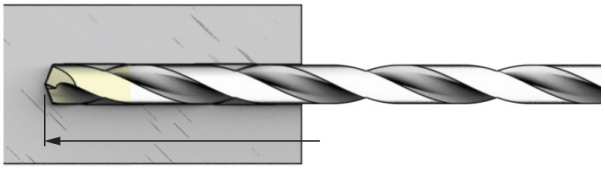




≥40 bar
ACTIVÉ

- Jusqu'au SD2040A
- Changer la rotation dans le sens des aiguilles d'une montre et démarrer l'arrosage

4. Perçage profond

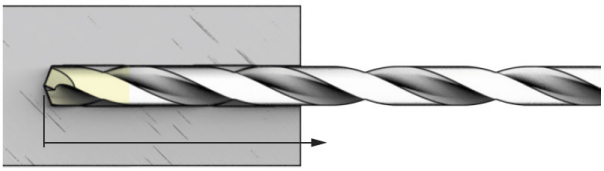




≥40 bar
ACTIVÉ

- Jusqu'au SD2040A
- v_c = 100 %
- v_f = 100 %

5. Retrait





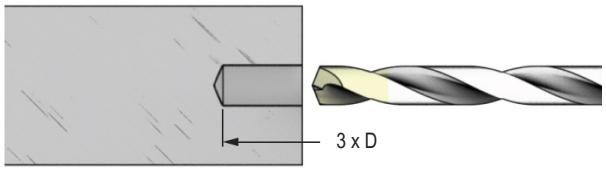
DÉSACTIVÉ

- Jusqu'au SD2040A
- n_{max} = 100 tr/min
- v_f = 1000 mm/min

Stratégie d'usinage : Réduction des coûts outils

SD230A (30 x D) au SD2060A (60 x D)

1. Foret pilote

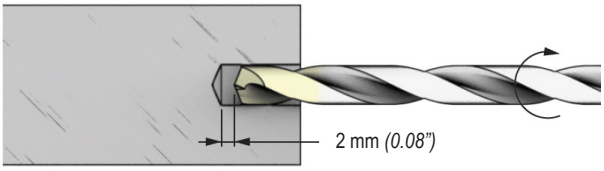




≥ 10 bar
ACTIVÉ

– SD203A

2. Avance d'entrée

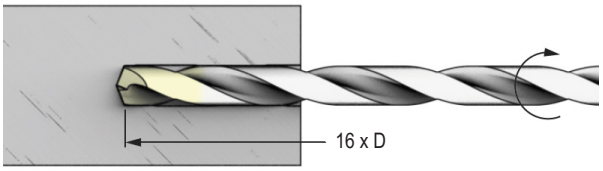




DÉSACTIVÉ

– SD216A
– Avec rotation dans le sens des aiguilles d'une montre et un arrêt à 2 mm avant le fond du trou
– n_{max} = 100 tr/min
– v_f = 1000 mm/min

3. Pré-perçage

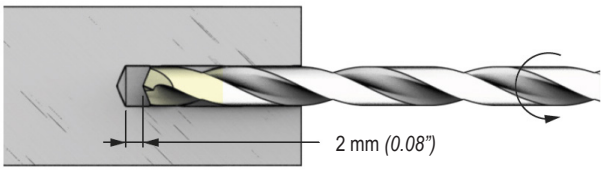




≥ 10 bar
ACTIVÉ

– SD216A
– v_c = 100 %
– v_f = 100 %

4. Avance d'entrée

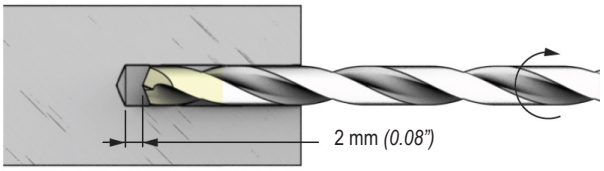




DÉSACTIVÉ

– SD230A - SD2060A
– Avec rotation dans le sens inverse des aiguilles d'une montre et un arrêt à 2 mm avant le fond du trou
– n_{max} = 100 tr/min
– v_f = 1000 mm/min

5. Modifier la rotation de la broche

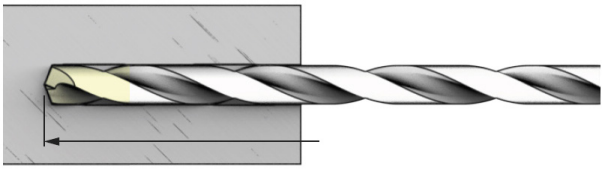




≥40 bar
ACTIVÉ

– SD230A - SD2060A
– Changer la rotation dans le sens des aiguilles d'une montre et démarrer l'arrosage

6. Perçage profond

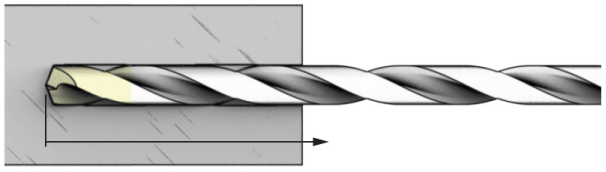




≥40 bar
ACTIVÉ

– SD230A - SD2060A
– v_c = 100 %
– v_f = 100 %

7. Retrait



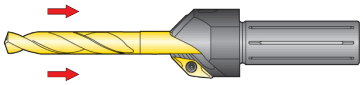


DÉSACTIVÉ

– SD230A - SD2060A
– n_{max} = 100 tr/min
– v_f = 1000 mm/min

Instructions de montage d'une bague à chanfreiner

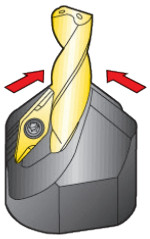
1.



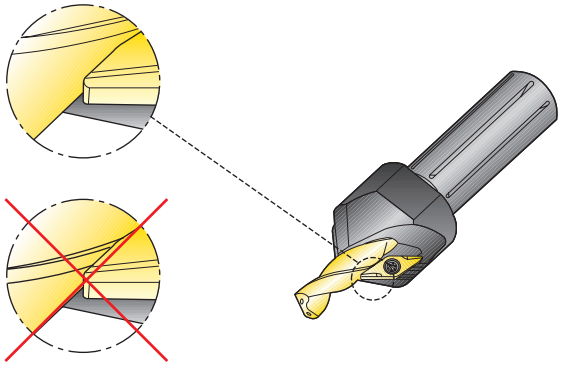
2.

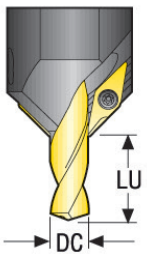


3.

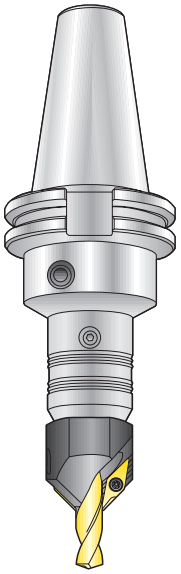


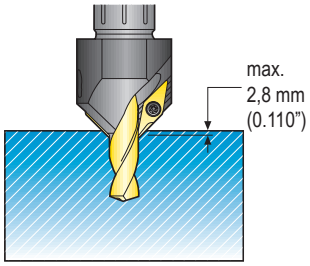
4.





Chanfrein : profondeur maximum





Diamètre du foret DC		Profondeur de perçage LU (min-max) SD1103 / SD203A		SD1105 / SD205A		SD207A	
mm	*inch*	mm	*inch*	mm	*inch*	mm	*inch*
4,00-4,75	*.157-.187*	4-17	*.157-.669*	10-27	*.394-1.063*	30-45	*1.181-1.772*
4,76-6,00	*.187-.236*	6-20	*.236-.787*	18-32	*.709-1.260*	30-45	*1.181-1.772*
6,01-8,00	*.241-.315*	15-27	*.590-1.063*	28-42	*1.102-1.653*	42-57	*1.653-2.244*
8,01-10,00	*.315-.394*	17-31	*.669-1.220*	34-48	*1.338-1.890*	47-62	*1.850-2.441*
10,01-12,00	*.394-.472*	21-36	*.826-1.417*	40-56	*1.575-2.205*	57-72	*2.244-2.835*
12,01-14,00	*.473-.551*	22-37	*.866-1.457*	43-59	*1.693-2.323*	68-83	*2.677-3.268*
14,01-16,00	*.552-.630*	23-39	*.906-1.535*	44-60	*1.732-2.362*	76-92	*2.992-3.622*

Attachement cylindrique (R1) uniquement.



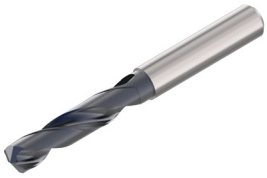
Seco Universal – Forets à diamètre unique

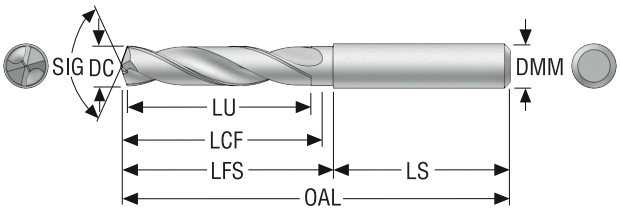
Les forets en carbure monobloc Seco Universal sont une solution économique et polyvalente, parfaitement adaptée à la production de petites et moyennes séries. Les forets Seco Universal sont adaptés à la plupart des applications spécifiques à tous les secteurs industriels.

- Géométrie de pointe à 4 faces à usages multiples, qui présente une excellente capacité de centrage
- Revêtement TiAlN hautement résistant à l'usure pour une longue durée de vie de l'outil
- Utilisables en conjonction avec les tarauds Threadmaster™ et dans les opérations de pré-alésage avec Nanofix™/Precimaster™ Plus

SD1103

Profondeur de perçage ~ 3 x D – Métrique/Pouces





– Attachement cylindrique DIN 6537A
– Tolérance DC m7
– Arrosage externe
– Paramètres de coupe, voir page(s) 130
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103-0300-014-06R1 *SD_DRILL_3.0MM_3XD*	02898974	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0310-014-06R1 *SD_DRILL_3.1MM_3XD*	02898975	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0318-014-06R1 *SD_DRILL_1/8_3XD*	02898976	3,175 *0.125*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0320-014-06R1 *SD_DRILL_3.2MM_3XD*	02898977	3,2 *0.126*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0325-014-06R1 *SD_DRILL_3.25MM_3XD*	02898978	3,25 *0.128*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0330-014-06R1 *SD_DRILL_3.3MM_3XD*	02898979	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0340-014-06R1 *SD_DRILL_3.4MM_3XD*	02898980	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0350-014-06R1 *SD_DRILL_3.5MM_3XD*	02898981	3,5 *0.138*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0357-014-06R1 *SD_DRILL_9/64_3XD*	02898982	3,572 *0.141*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0360-014-06R1 *SD_DRILL_3.6MM_3XD*	02898983	3,6 *0.142*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0365-014-06R1 *SD_DRILL_3.65MM_3XD*	02898984	3,65 *0.144*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0370-014-06R1 *SD_DRILL_3.7MM_3XD*	02898985	3,7 *0.146*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0380-017-06R1 *SD_DRILL_3.8MM_3XD*	02898986	3,8 *0.150*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0390-017-06R1 *SD_DRILL_3.9MM_3XD*	02898987	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0397-017-06R1 *SD_DRILL_5/32_3XD*	02898988	3,969 *0.156*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0400-017-06R1 *SD_DRILL_4.0MM_3XD*	02898989	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0410-017-06R1 *SD_DRILL_4.1MM_3XD*	02898990	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0420-017-06R1 *SD_DRILL_4.2MM_3XD*	02898991	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0430-017-06R1 *SD_DRILL_4.3MM_3XD*	02898992	4,3 *0.169*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0437-017-06R1 *SD_DRILL_11/64_3XD*	02898993	4,366 *0.172*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0440-017-06R1 *SD_DRILL_4.4MM_3XD*	02898994	4,4 *0.173*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0450-017-06R1 *SD_DRILL_4.5MM_3XD*	02898995	4,5 *0.177*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0460-017-06R1 *SD_DRILL_4.6MM_3XD*	02898996	4,6 *0.181*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0465-017-06R1 *SD_DRILL_4.65MM_3XD*	02898997	4,65 *0.183*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0470-017-06R1 *SD_DRILL_4.7MM_3XD*	02898998	4,7 *0.185*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103-0476-020-06R1 *SD_DRILL_3/16_3XD*	02898999	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0480-020-06R1 *SD_DRILL_4.8MM_3XD*	02899000	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0490-020-06R1 *SD_DRILL_4.9MM_3XD*	02899001	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0500-020-06R1 *SD_DRILL_5.0MM_3XD*	02899002	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0510-020-06R1 *SD_DRILL_5.1MM_3XD*	02899003	5,1 *0.201*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0516-020-06R1 *SD_DRILL_13/64_3XD*	02899004	5,159 *0.203*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0520-020-06R1 *SD_DRILL_5.2MM_3XD*	02899005	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0530-020-06R1 *SD_DRILL_5.3MM_3XD*	02899006	5,3 *0.209*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0540-020-06R1 *SD_DRILL_5.4MM_3XD*	02899007	5,4 *0.213*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0550-020-06R1 *SD_DRILL_5.5MM_3XD*	02899008	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0555-020-06R1 *SD_DRILL_5.55MM_3XD*	02899009	5,55 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0556-020-06R1 *SD_DRILL_7/32_3XD*	02899010	5,556 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0560-020-06R1 *SD_DRILL_5.6MM_3XD*	02899011	5,6 *0.220*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0570-020-06R1 *SD_DRILL_5.7MM_3XD*	02899012	5,7 *0.224*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0580-020-06R1 *SD_DRILL_5.8MM_3XD*	02899013	5,8 *0.228*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0590-020-06R1 *SD_DRILL_5.9MM_3XD*	02899014	5,9 *0.232*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0595-020-06R1 *SD_DRILL_15/64_3XD*	02899015	5,953 *0.234*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0600-020-06R1 *SD_DRILL_6.0MM_3XD*	02899016	6,0 *0.236*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0610-024-08R1 *SD_DRILL_6.1MM_3XD*	02899017	6,1 *0.240*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0620-024-08R1 *SD_DRILL_6.2MM_3XD*	02899018	6,2 *0.244*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0630-024-08R1 *SD_DRILL_6.3MM_3XD*	02899019	6,3 *0.248*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0635-024-08R1 *SD_DRILL_1/4_3XD*	02899020	6,35 *0.250*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0640-024-08R1 *SD_DRILL_6.4MM_3XD*	02899021	6,4 *0.252*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0650-024-08R1 *SD_DRILL_6.5MM_3XD*	02899022	6,5 *0.256*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0660-024-08R1 *SD_DRILL_6.6MM_3XD*	02899024	6,6 *0.260*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0675-024-08R1 *SD_DRILL_17/64_3XD*	02899025	6,747 *0.266*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0680-024-08R1 *SD_DRILL_6.8MM_3XD*	02899026	6,8 *0.268*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0690-024-08R1 *SD_DRILL_6.9MM_3XD*	02899027	6,9 *0.272*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0700-024-08R1 *SD_DRILL_7.0MM_3XD*	02899028	7,0 *0.276*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0710-029-08R1 *SD_DRILL_7.1MM_3XD*	02899029	7,1 *0.280*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0714-029-08R1 *SD_DRILL_9/32_3XD*	02899030	7,144 *0.281*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0720-029-08R1 *SD_DRILL_7.2MM_3XD*	02899031	7,2 *0.283*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0730-029-08R1 *SD_DRILL_7.3MM_3XD*	02899032	7,3 *0.287*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0740-029-08R1 *SD_DRILL_7.4MM_3XD*	02899033	7,4 *0.291*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0750-029-08R1 *SD_DRILL_7.5MM_3XD*	02899034	7,5 *0.295*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103-0754-029-08R1 *SD_DRILL_19/64_3XD*	02899035	7,541 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0755-029-08R1 *SD_DRILL_7.55MM_3XD*	02899036	7,55 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0760-029-08R1 *SD_DRILL_7.6MM_3XD*	02899037	7,6 *0.299*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0770-029-08R1 *SD_DRILL_7.7MM_3XD*	02899038	7,7 *0.303*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0780-029-08R1 *SD_DRILL_7.8MM_3XD*	02899040	7,8 *0.307*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0790-029-08R1 *SD_DRILL_7.9MM_3XD*	02899041	7,9 *0.311*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0794-029-08R1 *SD_DRILL_5/16_3XD*	02899042	7,938 *0.313*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0800-029-08R1 *SD_DRILL_8.0MM_3XD*	02899043	8,0 *0.315*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0810-035-10R1 *SD_DRILL_8.1MM_3XD*	02899044	8,1 *0.319*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0820-035-10R1 *SD_DRILL_8.2MM_3XD*	02899045	8,2 *0.323*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0830-035-10R1 *SD_DRILL_8.3MM_3XD*	02899046	8,3 *0.327*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0833-035-10R1 *SD_DRILL_21/64_3XD*	02899047	8,334 *0.328*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0840-035-10R1 *SD_DRILL_8.4MM_3XD*	02899048	8,4 *0.331*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0850-035-10R1 *SD_DRILL_8.5MM_3XD*	02899049	8,5 *0.335*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0860-035-10R1 *SD_DRILL_8.6MM_3XD*	02899050	8,6 *0.339*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0870-035-10R1 *SD_DRILL_8.7MM_3XD*	02899051	8,7 *0.343*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0873-035-10R1 *SD_DRILL_11/32_3XD*	02899052	8,731 *0.344*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0880-035-10R1 *SD_DRILL_8.8MM_3XD*	02899053	8,8 *0.346*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0890-035-10R1 *SD_DRILL_8.9MM_3XD*	02899054	8,9 *0.350*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0900-035-10R1 *SD_DRILL_9.0MM_3XD*	02899055	9,0 *0.354*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0910-035-10R1 *SD_DRILL_9.1MM_3XD*	02899056	9,1 *0.358*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0913-035-10R1 *SD_DRILL_23/64_3XD*	02899058	9,128 *0.359*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0920-035-10R1 *SD_DRILL_9.2MM_3XD*	02899059	9,2 *0.362*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0930-035-10R1 *SD_DRILL_9.3MM_3XD*	02899060	9,3 *0.366*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0940-035-10R1 *SD_DRILL_9.4MM_3XD*	02899061	9,4 *0.370*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0950-035-10R1 *SD_DRILL_9.5MM_3XD*	02899062	9,5 *0.374*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0953-035-10R1 *SD_DRILL_3/8_3XD*	02899063	9,525 *0.375*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0955-035-10R1 *SD_DRILL_9.55MM_3XD*	02899064	9,55 *0.376*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0960-035-10R1 *SD_DRILL_9.6MM_3XD*	02899065	9,6 *0.378*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0970-035-10R1 *SD_DRILL_9.7MM_3XD*	02899066	9,7 *0.382*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0980-035-10R1 *SD_DRILL_9.8MM_3XD*	02899067	9,8 *0.386*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0990-035-10R1 *SD_DRILL_9.9MM_3XD*	02899068	9,9 *0.390*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0992-035-10R1 *SD_DRILL_25/64_3XD*	02899069	9,922 *0.391*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-1000-035-10R1 *SD_DRILL_10.0MM_3XD*	02899070	10,0 *0.394*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-1020-040-12R1 *SD_DRILL_10.2MM_3XD*	02899071	10,2 *0.402*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9

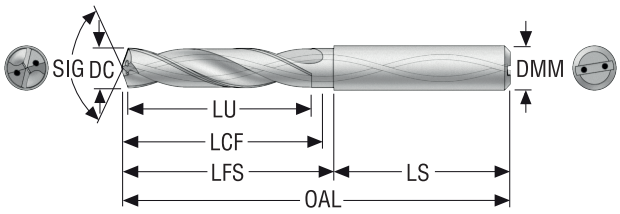
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103-1032-040-12R1 *SD_DRILL_13/32_3XD*	02899072	10,319 *0.406*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1040-040-12R1 *SD_DRILL_10.4MM_3XD*	02899073	10,4 *0.409*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1050-040-12R1 *SD_DRILL_10.5MM_3XD*	02899074	10,5 *0.413*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1060-040-12R1 *SD_DRILL_10.6MM_3XD*	02899075	10,6 *0.417*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1072-040-12R1 *SD_DRILL_27/64_3XD*	02899076	10,716 *0.422*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1080-040-12R1 *SD_DRILL_10.8MM_3XD*	02899077	10,8 *0.425*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1090-040-12R1 *SD_DRILL_10.9MM_3XD*	02899078	10,9 *0.429*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1100-040-12R1 *SD_DRILL_11.0MM_3XD*	02899079	11,0 *0.433*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1110-040-12R1 *SD_DRILL_11.1MM_3XD*	02899080	11,1 *0.437*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1111-040-12R1 *SD_DRILL_7/16_3XD*	02899081	11,113 *0.438*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1120-040-12R1 *SD_DRILL_11.2MM_3XD*	02899082	11,2 *0.441*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1130-040-12R1 *SD_DRILL_11.3MM_3XD*	02899083	11,3 *0.445*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1140-040-12R1 *SD_DRILL_11.4MM_3XD*	02899084	11,4 *0.449*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1150-040-12R1 *SD_DRILL_11.5MM_3XD*	02899085	11,5 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1151-040-12R1 *SD_DRILL_29/64_3XD*	02899086	11,509 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1155-040-12R1 *SD_DRILL_11.55MM_3XD*	02899087	11,55 *0.455*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1160-040-12R1 *SD_DRILL_11.6MM_3XD*	02899088	11,6 *0.457*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1170-040-12R1 *SD_DRILL_11.7MM_3XD*	02899089	11,7 *0.461*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1180-040-12R1 *SD_DRILL_11.8MM_3XD*	02899090	11,8 *0.465*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1190-040-12R1 *SD_DRILL_11.9MM_3XD*	02899091	11,9 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1191-040-12R1 *SD_DRILL_15/32_3XD*	02899092	11,906 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1200-040-12R1 *SD_DRILL_12.0MM_3XD*	02899093	12,0 *0.472*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1210-043-14R1 *SD_DRILL_12.1MM_3XD*	02899094	12,1 *0.476*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1220-043-14R1 *SD_DRILL_12.2MM_3XD*	02899095	12,2 *0.480*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1230-043-14R1 *SD_DRILL_31/64_3XD*	02899096	12,303 *0.484*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1240-043-14R1 *SD_DRILL_12.4MM_3XD*	02899097	12,4 *0.488*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1250-043-14R1 *SD_DRILL_12.5MM_3XD*	02899098	12,5 *0.492*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1260-043-14R1 *SD_DRILL_12.6MM_3XD*	02899099	12,6 *0.496*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1270-043-14R1 *SD_DRILL_1/2_3XD*	02899100	12,7 *0.500*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1275-043-14R1 *SD_DRILL_12.75MM_3XD*	02899101	12,75 *0.502*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1280-043-14R1 *SD_DRILL_12.8MM_3XD*	02899102	12,8 *0.504*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1290-043-14R1 *SD_DRILL_12.9MM_3XD*	02899103	12,9 *0.508*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1300-043-14R1 *SD_DRILL_13.0MM_3XD*	02899104	13,0 *0.512*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1310-043-14R1 *SD_DRILL_33/64_3XD*	02899105	13,1 *0.516*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1320-043-14R1 *SD_DRILL_13.2MM_3XD*	02899106	13,2 *0.520*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103-1330-043-14R1 *SD_DRILL_13.3MM_3XD*	02899107	13,3 *0.524*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1340-043-14R1 *SD_DRILL_13.4MM_3XD*	02899108	13,4 *0.528*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1349-043-14R1 *SD_DRILL_17/32_3XD*	02899109	13,494 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1350-043-14R1 *SD_DRILL_13.5MM_3XD*	02899110	13,5 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1360-043-14R1 *SD_DRILL_13.6MM_3XD*	02899111	13,6 *0.535*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1370-043-14R1 *SD_DRILL_13.7MM_3XD*	02899112	13,7 *0.539*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1380-043-14R1 *SD_DRILL_13.8MM_3XD*	02899113	13,8 *0.543*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1390-043-14R1 *SD_DRILL_35/64_3XD*	02899114	13,9 *0.547*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1400-043-14R1 *SD_DRILL_14.0MM_3XD*	02899115	14,0 *0.551*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1420-045-16R1 *SD_DRILL_14.2MM_3XD*	02899116	14,2 *0.559*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1429-045-16R1 *SD_DRILL_9/16_3XD*	02899117	14,288 *0.563*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1450-045-16R1 *SD_DRILL_14.5MM_3XD*	02899119	14,5 *0.571*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1470-045-16R1 *SD_DRILL_14.7MM_3XD*	02899120	14,7 *0.579*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1475-045-16R1 *SD_DRILL_14.75MM_3XD*	02899121	14,75 *0.581*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1480-045-16R1 *SD_DRILL_14.8MM_3XD*	02899122	14,8 *0.583*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1500-045-16R1 *SD_DRILL_15.0MM_3XD*	02899123	15,0 *0.591*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1510-045-16R1 *SD_DRILL_15.1MM_3XD*	02899124	15,1 *0.594*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1530-045-16R1 *SD_DRILL_15.3MM_3XD*	02899125	15,3 *0.602*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1550-045-16R1 *SD_DRILL_15.5MM_3XD*	02899126	15,5 *0.610*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1570-045-16R1 *SD_DRILL_15.7MM_3XD*	02899127	15,7 *0.618*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1580-045-16R1 *SD_DRILL_15.8MM_3XD*	02899128	15,8 *0.622*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1588-045-16R1 *SD_DRILL_5/8_3XD*	02899129	15,875 *0.625*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1600-045-16R1 *SD_DRILL_16.0MM_3XD*	02899130	16,0 *0.630*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1650-051-18R1 *SD_DRILL_16.5MM_3XD*	02899131	16,5 *0.650*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103-1700-051-18R1 *SD_DRILL_17.0MM_3XD*	02899132	17,0 *0.669*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103-1750-051-18R1 *SD_DRILL_17.5MM_3XD*	02899133	17,5 *0.689*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103-1800-051-18R1 *SD_DRILL_18.0MM_3XD*	02899134	18,0 *0.709*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103-1850-055-20R1 *SD_DRILL_18.5MM_3XD*	02899135	18,5 *0.728*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103-1900-055-20R1 *SD_DRILL_19.0MM_3XD*	02899136	19,0 *0.748*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103-1905-055-20R1 *SD_DRILL_3/4_3XD*	02899137	19,05 *0.750*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103-1950-055-20R1 *SD_DRILL_19.5MM_3XD*	02899138	19,5 *0.768*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103-2000-055-20R1 *SD_DRILL_20.0MM_3XD*	02899139	20,0 *0.787*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9

SD1103A

Profondeur de perçage ~ 3 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe, voir page(s) 131
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103A-0300-014-06R1 *SD_DRILL_3.0MM_3XD_A*	02898244	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0310-014-06R1 *SD_DRILL_3.1MM_3XD_A*	02898245	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0318-014-06R1 *SD_DRILL_1/8_3XD_A*	02898246	3,175 *0.125*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0320-014-06R1 *SD_DRILL_3.2MM_3XD_A*	02898247	3,2 *0.126*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0325-014-06R1 *SD_DRILL_3.25MM_3XD_A*	02898248	3,25 *0.128*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0330-014-06R1 *SD_DRILL_3.3MM_3XD_A*	02898249	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0340-014-06R1 *SD_DRILL_3.4MM_3XD_A*	02898250	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0350-014-06R1 *SD_DRILL_3.5MM_3XD_A*	02898251	3,5 *0.138*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0357-014-06R1 *SD_DRILL_9/64_3XD_A*	02898252	3,572 *0.141*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0360-014-06R1 *SD_DRILL_3.6MM_3XD_A*	02898253	3,6 *0.142*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0365-014-06R1 *SD_DRILL_3.65MM_3XD_A*	02898254	3,65 *0.144*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0370-014-06R1 *SD_DRILL_3.7MM_3XD_A*	02898255	3,7 *0.146*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0380-017-06R1 *SD_DRILL_3.8MM_3XD_A*	02898256	3,8 *0.150*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0390-017-06R1 *SD_DRILL_3.9MM_3XD_A*	02898257	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0397-017-06R1 *SD_DRILL_5/32_3XD_A*	02898258	3,969 *0.156*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0400-017-06R1 *SD_DRILL_4.0MM_3XD_A*	02898259	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0410-017-06R1 *SD_DRILL_4.1MM_3XD_A*	02898260	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0420-017-06R1 *SD_DRILL_4.2MM_3XD_A*	02898261	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0430-017-06R1 *SD_DRILL_4.3MM_3XD_A*	02898262	4,3 *0.169*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0437-017-06R1 *SD_DRILL_11/64_3XD_A*	02898263	4,366 *0.172*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0450-017-06R1 *SD_DRILL_4.5MM_3XD_A*	02898264	4,5 *0.177*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0460-017-06R1 *SD_DRILL_4.6MM_3XD_A*	02898265	4,6 *0.181*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0465-017-06R1 *SD_DRILL_4.65MM_3XD_A*	02898266	4,65 *0.183*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0470-017-06R1 *SD_DRILL_4.7MM_3XD_A*	02898267	4,7 *0.185*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0476-020-06R1 *SD_DRILL_3/16_3XD_A*	02898268	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103A-0480-020-06R1 *SD_DRILL_4.8MM_3XD_A*	02898269	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0490-020-06R1 *SD_DRILL_4.9MM_3XD_A*	02898270	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0500-020-06R1 *SD_DRILL_5.0MM_3XD_A*	02898271	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0510-020-06R1 *SD_DRILL_5.1MM_3XD_A*	02898272	5,1 *0.201*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0516-020-06R1 *SD_DRILL_13/64_3XD_A*	02898273	5,159 *0.203*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0520-020-06R1 *SD_DRILL_5.2MM_3XD_A*	02898275	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0530-020-06R1 *SD_DRILL_5.3MM_3XD_A*	02898276	5,3 *0.209*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0540-020-06R1 *SD_DRILL_5.4MM_3XD_A*	02898277	5,4 *0.213*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0550-020-06R1 *SD_DRILL_5.5MM_3XD_A*	02898278	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0555-020-06R1 *SD_DRILL_5.55MM_3XD_A*	02898279	5,55 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0556-020-06R1 *SD_DRILL_7/32_3XD_A*	02898280	5,556 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0560-020-06R1 *SD_DRILL_5.6MM_3XD_A*	02898281	5,6 *0.220*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0570-020-06R1 *SD_DRILL_5.7MM_3XD_A*	02898282	5,7 *0.224*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0580-020-06R1 *SD_DRILL_5.8MM_3XD_A*	02898283	5,8 *0.228*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0590-020-06R1 *SD_DRILL_5.9MM_3XD_A*	02898284	5,9 *0.232*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0595-020-06R1 *SD_DRILL_15/64_3XD_A*	02898285	5,953 *0.234*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0600-020-06R1 *SD_DRILL_6.0MM_3XD_A*	02898286	6,0 *0.236*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0610-024-08R1 *SD_DRILL_6.1MM_3XD_A*	02898287	6,1 *0.240*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0620-024-08R1 *SD_DRILL_6.2MM_3XD_A*	02898288	6,2 *0.244*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0630-024-08R1 *SD_DRILL_6.3MM_3XD_A*	02898289	6,3 *0.248*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0635-024-08R1 *SD_DRILL_1/4_3XD_A*	02898290	6,35 *0.250*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0640-024-08R1 *SD_DRILL_6.4MM_3XD_A*	02898291	6,4 *0.252*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0650-024-08R1 *SD_DRILL_6.5MM_3XD_A*	02898292	6,5 *0.256*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0660-024-08R1 *SD_DRILL_6.6MM_3XD_A*	02898293	6,6 *0.260*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0670-024-08R1 *SD_DRILL_6.7MM_3XD_A*	02898294	6,7 *0.264*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0675-024-08R1 *SD_DRILL_17/64_3XD_A*	02898295	6,747 *0.266*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0680-024-08R1 *SD_DRILL_6.8MM_3XD_A*	02898296	6,8 *0.268*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0690-024-08R1 *SD_DRILL_6.9MM_3XD_A*	02898297	6,9 *0.272*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0700-024-08R1 *SD_DRILL_7.0MM_3XD_A*	02898298	7,0 *0.276*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0710-029-08R1 *SD_DRILL_7.1MM_3XD_A*	02898299	7,1 *0.280*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0714-029-08R1 *SD_DRILL_9/32_3XD_A*	02898300	7,144 *0.281*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0720-029-08R1 *SD_DRILL_7.2MM_3XD_A*	02898301	7,2 *0.283*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0730-029-08R1 *SD_DRILL_7.3MM_3XD_A*	02898302	7,3 *0.287*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0740-029-08R1 *SD_DRILL_7.4MM_3XD_A*	02898303	7,4 *0.291*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0750-029-08R1 *SD_DRILL_7.5MM_3XD_A*	02898304	7,5 *0.295*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9

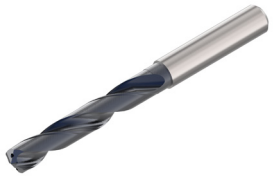
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103A-0754-029-08R1 *SD_DRILL_19/64_3XD_A*	02898305	7,541 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0755-029-08R1 *SD_DRILL_7.55MM_3XD_A*	02898306	7,55 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0760-029-08R1 *SD_DRILL_7.6MM_3XD_A*	02898307	7,6 *0.299*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0770-029-08R1 *SD_DRILL_7.7MM_3XD_A*	02898308	7,7 *0.303*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0780-029-08R1 *SD_DRILL_7.8MM_3XD_A*	02898309	7,8 *0.307*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0790-029-08R1 *SD_DRILL_7.9MM_3XD_A*	02898310	7,9 *0.311*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0794-029-08R1 *SD_DRILL_5/16_3XD_A*	02898311	7,938 *0.313*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0800-029-08R1 *SD_DRILL_8.0MM_3XD_A*	02898312	8,0 *0.315*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0810-035-10R1 *SD_DRILL_8.1MM_3XD_A*	02898313	8,1 *0.319*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0820-035-10R1 *SD_DRILL_8.2MM_3XD_A*	02898314	8,2 *0.323*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0830-035-10R1 *SD_DRILL_8.3MM_3XD_A*	02898315	8,3 *0.327*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0833-035-10R1 *SD_DRILL_21/64_3XD_A*	02898316	8,334 *0.328*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0840-035-10R1 *SD_DRILL_8.4MM_3XD_A*	02898317	8,4 *0.331*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0850-035-10R1 *SD_DRILL_8.5MM_3XD_A*	02898318	8,5 *0.335*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0860-035-10R1 *SD_DRILL_8.6MM_3XD_A*	02898319	8,6 *0.339*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0870-035-10R1 *SD_DRILL_8.7MM_3XD_A*	02898320	8,7 *0.343*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0873-035-10R1 *SD_DRILL_11/32_3XD_A*	02898321	8,731 *0.344*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0880-035-10R1 *SD_DRILL_8.8MM_3XD_A*	02898322	8,8 *0.346*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0890-035-10R1 *SD_DRILL_8.9MM_3XD_A*	02898323	8,9 *0.350*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0900-035-10R1 *SD_DRILL_9.0MM_3XD_A*	02898324	9,0 *0.354*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0910-035-10R1 *SD_DRILL_9.1MM_3XD_A*	02898325	9,1 *0.358*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0913-035-10R1 *SD_DRILL_23/64_3XD_A*	02898326	9,128 *0.359*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0920-035-10R1 *SD_DRILL_9.2MM_3XD_A*	02898327	9,2 *0.362*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0930-035-10R1 *SD_DRILL_9.3MM_3XD_A*	02898328	9,3 *0.366*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0940-035-10R1 *SD_DRILL_9.4MM_3XD_A*	02898329	9,4 *0.370*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0950-035-10R1 *SD_DRILL_9.5MM_3XD_A*	02898330	9,5 *0.374*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0953-035-10R1 *SD_DRILL_3/8_3XD_A*	02898331	9,525 *0.375*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0955-035-10R1 *SD_DRILL_9.55MM_3XD_A*	02898332	9,55 *0.376*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0960-035-10R1 *SD_DRILL_9.6MM_3XD_A*	02898333	9,6 *0.378*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0970-035-10R1 *SD_DRILL_9.7MM_3XD_A*	02898334	9,7 *0.382*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0980-035-10R1 *SD_DRILL_9.8MM_3XD_A*	02898335	9,8 *0.386*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0990-035-10R1 *SD_DRILL_9.9MM_3XD_A*	02898336	9,9 *0.390*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0992-035-10R1 *SD_DRILL_25/64_3XD_A*	02898337	9,922 *0.391*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-1000-035-10R1 *SD_DRILL_10.0MM_3XD_A*	02898338	10,0 *0.394*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-1020-040-12R1 *SD_DRILL_10.2MM_3XD_A*	02898339	10,2 *0.402*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9

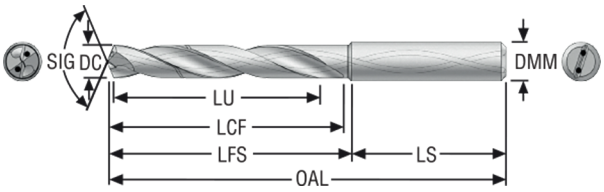
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103A-1032-040-12R1 *SD_DRILL_13/32_3XD_A*	02898340	10,319 *0.406*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1040-040-12R1 *SD_DRILL_10.4MM_3XD_A*	02898341	10,4 *0.409*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1050-040-12R1 *SD_DRILL_10.5MM_3XD_A*	02898342	10,5 *0.413*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1060-040-12R1 *SD_DRILL_10.6MM_3XD_A*	02898343	10,6 *0.417*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1072-040-12R1 *SD_DRILL_27/64_3XD_A*	02898344	10,716 *0.422*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1080-040-12R1 *SD_DRILL_10.8MM_3XD_A*	02898345	10,8 *0.425*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1090-040-12R1 *SD_DRILL_10.9MM_3XD_A*	02898346	10,9 *0.429*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1100-040-12R1 *SD_DRILL_11.0MM_3XD_A*	02898347	11,0 *0.433*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1110-040-12R1 *SD_DRILL_11.1MM_3XD_A*	02898348	11,1 *0.437*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1111-040-12R1 *SD_DRILL_7/16_3XD_A*	02898349	11,113 *0.438*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1120-040-12R1 *SD_DRILL_11.2MM_3XD_A*	02898350	11,2 *0.441*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1130-040-12R1 *SD_DRILL_11.3MM_3XD_A*	02898351	11,3 *0.445*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1140-040-12R1 *SD_DRILL_11.4MM_3XD_A*	02898352	11,4 *0.449*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1150-040-12R1 *SD_DRILL_11.5MM_3XD_A*	02898353	11,5 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1151-040-12R1 *SD_DRILL_29/64_3XD_A*	02898354	11,509 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1155-040-12R1 *SD_DRILL_11.55MM_3XD_A*	02898355	11,55 *0.455*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1160-040-12R1 *SD_DRILL_11.6MM_3XD_A*	02898356	11,6 *0.457*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1170-040-12R1 *SD_DRILL_11.7MM_3XD_A*	02898357	11,7 *0.461*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1180-040-12R1 *SD_DRILL_11.8MM_3XD_A*	02898358	11,8 *0.465*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1190-040-12R1 *SD_DRILL_11.9MM_3XD_A*	02898359	11,9 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1191-040-12R1 *SD_DRILL_15/32_3XD_A*	02898360	11,906 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1200-040-12R1 *SD_DRILL_12.0MM_3XD_A*	02898361	12,0 *0.472*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1210-043-14R1 *SD_DRILL_12.1MM_3XD_A*	02898362	12,1 *0.476*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1220-043-14R1 *SD_DRILL_12.2MM_3XD_A*	02898363	12,2 *0.480*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1230-043-14R1 *SD_DRILL_31/64_3XD_A*	02898364	12,303 *0.484*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1240-043-14R1 *SD_DRILL_12.4MM_3XD_A*	02898365	12,4 *0.488*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1250-043-14R1 *SD_DRILL_12.5MM_3XD_A*	02898366	12,5 *0.492*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1260-043-14R1 *SD_DRILL_12.6MM_3XD_A*	02898367	12,6 *0.496*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1270-043-14R1 *SD_DRILL_1/2_3XD_A*	02898368	12,7 *0.500*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1275-043-14R1 *SD_DRILL_12.75MM_3XD_A*	02898369	12,75 *0.502*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1280-043-14R1 *SD_DRILL_12.8MM_3XD_A*	02898370	12,8 *0.504*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1290-043-14R1 *SD_DRILL_12.9MM_3XD_A*	02898371	12,9 *0.508*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1300-043-14R1 *SD_DRILL_13.0MM_3XD_A*	02898372	13,0 *0.512*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1310-043-14R1 *SD_DRILL_33/64_3XD_A*	02898373	13,1 *0.516*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1320-043-14R1 *SD_DRILL_13.2MM_3XD_A*	02898374	13,2 *0.520*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1103A-1330-043-14R1 *SD_DRILL_13.3MM_3XD_A*	02898375	13,3 *0.524*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1340-043-14R1 *SD_DRILL_13.4MM_3XD_A*	02898376	13,4 *0.528*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1349-043-14R1 *SD_DRILL_17/32_3XD_A*	02898377	13,494 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1350-043-14R1 *SD_DRILL_13.5MM_3XD_A*	02898378	13,5 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1360-043-14R1 *SD_DRILL_13.6MM_3XD_A*	02898379	13,6 *0.535*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1370-043-14R1 *SD_DRILL_13.7MM_3XD_A*	02898380	13,7 *0.539*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1380-043-14R1 *SD_DRILL_13.8MM_3XD_A*	02898381	13,8 *0.543*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1390-043-14R1 *SD_DRILL_13.9MM_3XD_A*	02898382	13,9 *0.547*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1400-043-14R1 *SD_DRILL_14.0MM_3XD_A*	02898383	14,0 *0.551*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1420-045-16R1 *SD_DRILL_14.2MM_3XD_A*	02898384	14,2 *0.559*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1429-045-16R1 *SD_DRILL_9/16_3XD_A*	02898385	14,288 *0.563*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1450-045-16R1 *SD_DRILL_14.5MM_3XD_A*	02898386	14,5 *0.571*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1470-045-16R1 *SD_DRILL_14.7MM_3XD_A*	02898387	14,7 *0.579*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1475-045-16R1 *SD_DRILL_14.75MM_3XD_A*	02898388	14,75 *0.581*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1480-045-16R1 *SD_DRILL_14.8MM_3XD_A*	02898389	14,8 *0.583*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1500-045-16R1 *SD_DRILL_15.0MM_3XD_A*	02898390	15,0 *0.591*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1510-045-16R1 *SD_DRILL_15.1MM_3XD_A*	02898391	15,1 *0.594*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1530-045-16R1 *SD_DRILL_15.3MM_3XD_A*	02898392	15,3 *0.602*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1550-045-16R1 *SD_DRILL_15.5MM_3XD_A*	02898393	15,5 *0.610*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1570-045-16R1 *SD_DRILL_15.7MM_3XD_A*	02898394	15,7 *0.618*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1580-045-16R1 *SD_DRILL_15.8MM_3XD_A*	02898395	15,8 *0.622*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1588-045-16R1 *SD_DRILL_5/8_3XD_A*	02898396	15,875 *0.625*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1600-045-16R1 *SD_DRILL_16.0MM_3XD_A*	02898397	16,0 *0.630*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1650-051-18R1 *SD_DRILL_16.5MM_3XD_A*	02898398	16,5 *0.650*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103A-1700-051-18R1 *SD_DRILL_17.0MM_3XD_A*	02898399	17,0 *0.669*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103A-1750-051-18R1 *SD_DRILL_17.5MM_3XD_A*	02898400	17,5 *0.689*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103A-1800-051-18R1 *SD_DRILL_18.0MM_3XD_A*	02898401	18,0 *0.709*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103A-1850-055-20R1 *SD_DRILL_18.5MM_3XD_A*	02898402	18,5 *0.728*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103A-1900-055-20R1 *SD_DRILL_19.0MM_3XD_A*	02898403	19,0 *0.748*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103A-1905-055-20R1 *SD_DRILL_3/4_3XD_A*	02898404	19,05 *0.750*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103A-1950-055-20R1 *SD_DRILL_19.5MM_3XD_A*	02898405	19,5 *0.768*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103A-2000-055-20R1 *SD_DRILL_20.0MM_3XD_A*	02898406	20,0 *0.787*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9

SD1105A

Profondeur de perçage ~ 5 x D – Métrique/Pouces





– Attachement cylindrique DIN 6537A
– Arrosage interne
– Paramètres de coupe, voir page(s) 132
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1105A-0300-023-06R1 *SD_DRILL_3.0MM_5XD_A*	02897845	3,0 *0.118*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0310-023-06R1 *SD_DRILL_3.1MM_5XD_A*	02897846	3,1 *0.122*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0318-023-06R1 *SD_DRILL_1/8_5XD_A*	02897847	3,175 *0.125*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0320-023-06R1 *SD_DRILL_3.2MM_5XD_A*	02897848	3,2 *0.126*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0325-023-06R1 *SD_DRILL_3.25MM_5XD_A*	02897849	3,25 *0.128*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0330-023-06R1 *SD_DRILL_3.3MM_5XD_A*	02897850	3,3 *0.130*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0340-023-06R1 *SD_DRILL_3.4MM_5XD_A*	02897851	3,4 *0.134*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0350-023-06R1 *SD_DRILL_3.5MM_5XD_A*	02897852	3,5 *0.138*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0357-023-06R1 *SD_DRILL_9/64_5XD_A*	02897853	3,572 *0.141*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0360-023-06R1 *SD_DRILL_3.6MM_5XD_A*	02897854	3,6 *0.142*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0365-023-06R1 *SD_DRILL_3.65MM_5XD_A*	02897855	3,65 *0.144*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0370-023-06R1 *SD_DRILL_3.7MM_5XD_A*	02897856	3,7 *0.146*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0380-029-06R1 *SD_DRILL_3.8MM_5XD_A*	02897857	3,8 *0.150*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0390-029-06R1 *SD_DRILL_3.9MM_5XD_A*	02897858	3,9 *0.154*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0397-029-06R1 *SD_DRILL_5/32_5XD_A*	02897859	3,969 *0.156*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0400-029-06R1 *SD_DRILL_4.0MM_5XD_A*	02897860	4,0 *0.157*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0410-029-06R1 *SD_DRILL_4.1MM_5XD_A*	02897861	4,1 *0.161*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0420-029-06R1 *SD_DRILL_4.2MM_5XD_A*	02897862	4,2 *0.165*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0430-029-06R1 *SD_DRILL_4.3MM_5XD_A*	02897863	4,3 *0.169*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0437-029-06R1 *SD_DRILL_11/64_5XD_A*	02897864	4,366 *0.172*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0440-029-06R1 *SD_DRILL_4.4MM_5XD_A*	02897865	4,4 *0.173*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0450-029-06R1 *SD_DRILL_4.5MM_5XD_A*	02897866	4,5 *0.177*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0460-029-06R1 *SD_DRILL_4.6MM_5XD_A*	02897867	4,6 *0.181*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0465-029-06R1 *SD_DRILL_4.65MM_5XD_A*	02897868	4,65 *0.183*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0470-029-06R1 *SD_DRILL_4.7MM_5XD_A*	02897869	4,7 *0.185*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0476-035-06R1 *SD_DRILL_3/16_5XD_A*	02897870	4,763 *0.188*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1105A-0480-035-06R1 *SD_DRILL_4.8MM_5XD_A*	02897871	4,8 *0.189*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0490-035-06R1 *SD_DRILL_4.9MM_5XD_A*	02897872	4,9 *0.193*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0500-035-06R1 *SD_DRILL_5.0MM_5XD_A*	02897873	5,0 *0.197*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0510-035-06R1 *SD_DRILL_5.1MM_5XD_A*	02897874	5,1 *0.201*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0516-035-06R1 *SD_DRILL_13/64_5XD_A*	02897875	5,159 *0.203*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0520-035-06R1 *SD_DRILL_5.2MM_5XD_A*	02897876	5,2 *0.205*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0530-035-06R1 *SD_DRILL_5.3MM_5XD_A*	02897877	5,3 *0.209*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0540-035-06R1 *SD_DRILL_5.4MM_5XD_A*	02897878	5,4 *0.213*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0550-035-06R1 *SD_DRILL_5.5MM_5XD_A*	02897879	5,5 *0.217*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0555-035-06R1 *SD_DRILL_5.55MM_5XD_A*	02897880	5,55 *0.219*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0556-035-06R1 *SD_DRILL_7/32_5XD_A*	02897881	5,556 *0.219*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0560-035-06R1 *SD_DRILL_5.6MM_5XD_A*	02897882	5,6 *0.220*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0570-035-06R1 *SD_DRILL_5.7MM_5XD_A*	02897883	5,7 *0.224*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0580-035-06R1 *SD_DRILL_5.8MM_5XD_A*	02897884	5,8 *0.228*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0590-035-06R1 *SD_DRILL_5.9MM_5XD_A*	02897885	5,9 *0.232*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0595-035-06R1 *SD_DRILL_15/64_5XD_A*	02897886	5,953 *0.234*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0600-035-06R1 *SD_DRILL_6.0MM_5XD_A*	02897887	6,0 *0.236*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0610-043-08R1 *SD_DRILL_6.1MM_5XD_A*	02897888	6,1 *0.240*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0620-043-08R1 *SD_DRILL_6.2MM_5XD_A*	02897889	6,2 *0.244*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0630-043-08R1 *SD_DRILL_6.3MM_5XD_A*	02897890	6,3 *0.248*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0635-043-08R1 *SD_DRILL_1/4_5XD_A*	02897891	6,35 *0.250*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0640-043-08R1 *SD_DRILL_6.4MM_5XD_A*	02897892	6,4 *0.252*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0650-043-08R1 *SD_DRILL_6.5MM_5XD_A*	02897893	6,5 *0.256*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0660-043-08R1 *SD_DRILL_6.6MM_5XD_A*	02897894	6,6 *0.260*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0670-043-08R1 *SD_DRILL_6.7MM_5XD_A*	02897895	6,7 *0.264*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0675-043-08R1 *SD_DRILL_17/64_5XD_A*	02897896	6,747 *0.266*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0680-043-08R1 *SD_DRILL_6.8MM_5XD_A*	02897897	6,8 *0.268*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0690-043-08R1 *SD_DRILL_6.9MM_5XD_A*	02897898	6,9 *0.272*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0700-043-08R1 *SD_DRILL_7.0MM_5XD_A*	02897899	7,0 *0.276*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0710-043-08R1 *SD_DRILL_7.1MM_5XD_A*	02897900	7,1 *0.280*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0714-043-08R1 *SD_DRILL_9/32_5XD_A*	02897901	7,144 *0.281*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0720-043-08R1 *SD_DRILL_7.2MM_5XD_A*	02897902	7,2 *0.283*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0730-043-08R1 *SD_DRILL_7.3MM_5XD_A*	02897903	7,3 *0.287*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0740-043-08R1 *SD_DRILL_7.4MM_5XD_A*	02897904	7,4 *0.291*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0750-043-08R1 *SD_DRILL_7.5MM_5XD_A*	02897905	7,5 *0.295*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1105A-0754-043-08R1 *SD_DRILL_19/64_5XD_A*	02897906	7,541 *0.297*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0755-043-08R1 *SD_DRILL_7.55MM_5XD_A*	02897907	7,55 *0.297*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0760-043-08R1 *SD_DRILL_7.6MM_5XD_A*	02897908	7,6 *0.299*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0770-043-08R1 *SD_DRILL_7.7MM_5XD_A*	02897909	7,7 *0.303*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0780-043-08R1 *SD_DRILL_7.8MM_5XD_A*	02897910	7,8 *0.307*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0790-043-08R1 *SD_DRILL_7.9MM_5XD_A*	02897911	7,9 *0.311*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0794-043-08R1 *SD_DRILL_5/16_5XD_A*	02897912	7,938 *0.313*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0800-043-08R1 *SD_DRILL_8.0MM_5XD_A*	02897913	8,0 *0.315*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0810-049-10R1 *SD_DRILL_8.1MM_5XD_A*	02897914	8,1 *0.319*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0820-049-10R1 *SD_DRILL_8.2MM_5XD_A*	02897915	8,2 *0.323*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0830-049-10R1 *SD_DRILL_8.3MM_5XD_A*	02897916	8,3 *0.327*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0833-049-10R1 *SD_DRILL_21/64_5XD_A*	02897917	8,334 *0.328*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0840-049-10R1 *SD_DRILL_8.4MM_5XD_A*	02897918	8,4 *0.331*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0850-049-10R1 *SD_DRILL_8.5MM_5XD_A*	02897919	8,5 *0.335*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0860-049-10R1 *SD_DRILL_8.6MM_5XD_A*	02897920	8,6 *0.339*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0870-049-10R1 *SD_DRILL_8.7MM_5XD_A*	02897921	8,7 *0.343*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0873-049-10R1 *SD_DRILL_11/32_5XD_A*	02897922	8,731 *0.344*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0880-049-10R1 *SD_DRILL_8.8MM_5XD_A*	02897923	8,8 *0.346*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0890-049-10R1 *SD_DRILL_8.9MM_5XD_A*	02897924	8,9 *0.350*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0900-049-10R1 *SD_DRILL_9.0MM_5XD_A*	02897925	9,0 *0.354*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0910-049-10R1 *SD_DRILL_9.1MM_5XD_A*	02897926	9,1 *0.358*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0913-049-10R1 *SD_DRILL_23/64_5XD_A*	02897927	9,128 *0.359*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0920-049-10R1 *SD_DRILL_9.2MM_5XD_A*	02897928	9,2 *0.362*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0930-049-10R1 *SD_DRILL_9.3MM_5XD_A*	02897929	9,3 *0.366*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0940-049-10R1 *SD_DRILL_9.4MM_5XD_A*	02897930	9,4 *0.370*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0950-049-10R1 *SD_DRILL_9.5MM_5XD_A*	02897931	9,5 *0.374*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0953-049-10R1 *SD_DRILL_3/8_5XD_A*	02897932	9,525 *0.375*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0955-049-10R1 *SD_DRILL_9.55MM_5XD_A*	02897933	9,55 *0.376*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0960-049-10R1 *SD_DRILL_9.6MM_5XD_A*	02897934	9,6 *0.378*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0970-049-10R1 *SD_DRILL_9.7MM_5XD_A*	02897935	9,7 *0.382*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0980-049-10R1 *SD_DRILL_9.8MM_5XD_A*	02897936	9,8 *0.386*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0990-049-10R1 *SD_DRILL_9.9MM_5XD_A*	02897937	9,9 *0.390*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0992-049-10R1 *SD_DRILL_25/64_5XD_A*	02897938	9,922 *0.391*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-1000-049-10R1 *SD_DRILL_10.0MM_5XD_A*	02897939	10,0 *0.394*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-1010-056-12R1 *SD_DRILL_10.1MM_5XD_A*	02897940	10,1 *0.398*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1105A-1020-056-12R1 *SD_DRILL_10.2MM_5XD_A*	02897941	10,2 *0.402*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1030-056-12R1 *SD_DRILL_10.3MM_5XD_A*	02897942	10,3 *0.406*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1032-056-12R1 *SD_DRILL_13/32_5XD_A*	02897943	10,319 *0.406*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1040-056-12R1 *SD_DRILL_10.4MM_5XD_A*	02897944	10,4 *0.409*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1050-056-12R1 *SD_DRILL_10.5MM_5XD_A*	02897945	10,5 *0.413*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1060-056-12R1 *SD_DRILL_10.6MM_5XD_A*	02897946	10,6 *0.417*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1070-056-12R1 *SD_DRILL_10.7MM_5XD_A*	02897947	10,7 *0.421*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1072-056-12R1 *SD_DRILL_27/64_5XD_A*	02897948	10,716 *0.422*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1080-056-12R1 *SD_DRILL_10.8MM_5XD_A*	02897949	10,8 *0.425*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1090-056-12R1 *SD_DRILL_10.9MM_5XD_A*	02897951	10,9 *0.429*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1100-056-12R1 *SD_DRILL_11.0MM_5XD_A*	02897952	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1110-056-12R1 *SD_DRILL_11.1MM_5XD_A*	02897953	11,1 *0.437*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1111-056-12R1 *SD_DRILL_7/16_5XD_A*	02897954	11,113 *0.438*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1120-056-12R1 *SD_DRILL_11.2MM_5XD_A*	02897955	11,2 *0.441*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1130-056-12R1 *SD_DRILL_11.3MM_5XD_A*	02897956	11,3 *0.445*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1140-056-12R1 *SD_DRILL_11.4MM_5XD_A*	02897957	11,4 *0.449*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1150-056-12R1 *SD_DRILL_11.5MM_5XD_A*	02897958	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1151-056-12R1 *SD_DRILL_29/64_5XD_A*	02897959	11,509 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1155-056-12R1 *SD_DRILL_11.55MM_5XD_A*	02897960	11,55 *0.455*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1160-056-12R1 *SD_DRILL_11.6MM_5XD_A*	02897961	11,6 *0.457*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1170-056-12R1 *SD_DRILL_11.7MM_5XD_A*	02897962	11,7 *0.461*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1180-056-12R1 *SD_DRILL_11.8MM_5XD_A*	02897963	11,8 *0.465*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1190-056-12R1 *SD_DRILL_11.9MM_5XD_A*	02897964	11,9 *0.469*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1191-056-12R1 *SD_DRILL_15/32_5XD_A*	02897965	11,906 *0.469*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1200-056-12R1 *SD_DRILL_12.0MM_5XD_A*	02897966	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1210-060-14R1 *SD_DRILL_12.1MM_5XD_A*	02897967	12,1 *0.476*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1220-060-14R1 *SD_DRILL_12.2MM_5XD_A*	02897968	12,2 *0.480*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1225-060-14R1 *SD_DRILL_12.25MM_5XD_A*	02897969	12,25 *0.482*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1230-060-14R1 *SD_DRILL_31/64_5XD_A*	02897970	12,303 *0.484*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1240-060-14R1 *SD_DRILL_12.4MM_5XD_A*	02897972	12,4 *0.488*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1250-060-14R1 *SD_DRILL_12.5MM_5XD_A*	02897973	12,5 *0.492*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1260-060-14R1 *SD_DRILL_12.6MM_5XD_A*	02897974	12,6 *0.496*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1270-060-14R1 *SD_DRILL_1/2_5XD_A*	02897950	12,7 *0.500*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1275-060-14R1 *SD_DRILL_12.75MM_5XD_A*	02897976	12,75 *0.502*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1280-060-14R1 *SD_DRILL_12.8MM_5XD_A*	02897977	12,8 *0.504*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1105A-1290-060-14R1 *SD_DRILL_12.9MM_5XD_A*	02897978	12,9 *0.508*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1300-060-14R1 *SD_DRILL_13.0MM_5XD_A*	02897979	13,0 *0.512*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1310-060-14R1 *SD_DRILL_33/64_5XD_A*	02897980	13,1 *0.516*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1320-060-14R1 *SD_DRILL_13.2MM_5XD_A*	02897981	13,2 *0.520*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1330-060-14R1 *SD_DRILL_13.3MM_5XD_A*	02897982	13,3 *0.524*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1340-060-14R1 *SD_DRILL_13.4MM_5XD_A*	02897983	13,4 *0.528*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1349-060-14R1 *SD_DRILL_17/32_5XD_A*	02897984	13,494 *0.531*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1350-060-14R1 *SD_DRILL_13.5MM_5XD_A*	02897985	13,5 *0.531*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1360-060-14R1 *SD_DRILL_13.6MM_5XD_A*	02897986	13,6 *0.535*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1370-060-14R1 *SD_DRILL_13.7MM_5XD_A*	02897987	13,7 *0.539*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1380-060-14R1 *SD_DRILL_13.8MM_5XD_A*	02897988	13,8 *0.543*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1390-060-14R1 *SD_DRILL_35/64_5XD_A*	02897989	13,9 *0.547*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1400-060-14R1 *SD_DRILL_14.0MM_5XD_A*	02897990	14,0 *0.551*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1410-063-16R1 *SD_DRILL_14.1MM_5XD_A*	02897991	14,1 *0.555*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1420-063-16R1 *SD_DRILL_14.2MM_5XD_A*	02897992	14,2 *0.559*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1429-063-16R1 *SD_DRILL_9/16_5XD_A*	02897993	14,288 *0.563*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1430-063-16R1 *SD_DRILL_14.3MM_5XD_A*	02897994	14,3 *0.563*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1440-063-16R1 *SD_DRILL_14.4MM_5XD_A*	02897995	14,4 *0.567*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1450-063-16R1 *SD_DRILL_14.5MM_5XD_A*	02897996	14,5 *0.571*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1460-063-16R1 *SD_DRILL_14.6MM_5XD_A*	02897997	14,6 *0.575*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1470-063-16R1 *SD_DRILL_14.7MM_5XD_A*	02897998	14,7 *0.579*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1475-063-16R1 *SD_DRILL_14.75MM_5XD_A*	02897999	14,75 *0.581*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1480-063-16R1 *SD_DRILL_14.8MM_5XD_A*	02898000	14,8 *0.583*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1490-063-16R1 *SD_DRILL_14.9MM_5XD_A*	02898001	14,9 *0.587*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1500-063-16R1 *SD_DRILL_15.0MM_5XD_A*	02898002	15,0 *0.591*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1510-063-16R1 *SD_DRILL_15.1MM_5XD_A*	02898003	15,1 *0.594*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1520-063-16R1 *SD_DRILL_15.2MM_5XD_A*	02898004	15,2 *0.598*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1530-063-16R1 *SD_DRILL_15.3MM_5XD_A*	02898005	15,3 *0.602*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1540-063-16R1 *SD_DRILL_15.4MM_5XD_A*	02898006	15,4 *0.606*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1550-063-16R1 *SD_DRILL_15.5MM_5XD_A*	02898007	15,5 *0.610*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1560-063-16R1 *SD_DRILL_15.6MM_5XD_A*	02898008	15,6 *0.614*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1570-063-16R1 *SD_DRILL_15.7MM_5XD_A*	02898009	15,7 *0.618*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1580-063-16R1 *SD_DRILL_15.8MM_5XD_A*	02898010	15,8 *0.622*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1588-063-16R1 *SD_DRILL_5/8_5XD_A*	02898011	15,875 *0.625*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1590-063-16R1 *SD_DRILL_15.9MM_5XD_A*	02898012	15,9 *0.626*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9

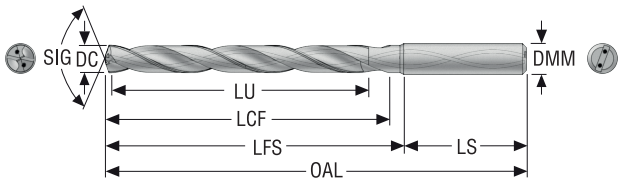
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1105A-1600-063-16R1 *SD_DRILL_16.0MM_5XD_A*	02898013	16,0 *0.630*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1610-071-18R1 *SD_DRILL_16.1MM_5XD_A*	02898014	16,1 *0.634*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1620-071-18R1 *SD_DRILL_16.2MM_5XD_A*	02898015	16,2 *0.638*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1630-071-18R1 *SD_DRILL_16.3MM_5XD_A*	02898016	16,3 *0.642*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1640-071-18R1 *SD_DRILL_16.4MM_5XD_A*	02898017	16,4 *0.646*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1650-071-18R1 *SD_DRILL_16.5MM_5XD_A*	02898018	16,5 *0.650*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1660-071-18R1 *SD_DRILL_16.6MM_5XD_A*	02898019	16,6 *0.654*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1670-071-18R1 *SD_DRILL_16.7MM_5XD_A*	02898020	16,7 *0.657*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1675-071-18R1 *SD_DRILL_16.75MM_5XD_A*	02898021	16,75 *0.659*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1680-071-18R1 *SD_DRILL_16.8MM_5XD_A*	02898022	16,8 *0.661*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1690-071-18R1 *SD_DRILL_16.9MM_5XD_A*	02898023	16,9 *0.665*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1700-071-18R1 *SD_DRILL_17.0MM_5XD_A*	02898024	17,0 *0.669*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1710-071-18R1 *SD_DRILL_17.1MM_5XD_A*	02898025	17,1 *0.673*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1720-071-18R1 *SD_DRILL_17.2MM_5XD_A*	02898026	17,2 *0.677*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1730-071-18R1 *SD_DRILL_17.3MM_5XD_A*	02898027	17,3 *0.681*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1740-071-18R1 *SD_DRILL_17.4MM_5XD_A*	02898028	17,4 *0.685*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1750-071-18R1 *SD_DRILL_17.5MM_5XD_A*	02898029	17,5 *0.689*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1760-071-18R1 *SD_DRILL_17.6MM_5XD_A*	02898030	17,6 *0.693*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1770-071-18R1 *SD_DRILL_17.7MM_5XD_A*	02898031	17,7 *0.697*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1780-071-18R1 *SD_DRILL_17.8MM_5XD_A*	02898032	17,8 *0.701*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1790-071-18R1 *SD_DRILL_17.9MM_5XD_A*	02898033	17,9 *0.705*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1800-071-18R1 *SD_DRILL_18.0MM_5XD_A*	02898034	18,0 *0.709*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1810-077-20R1 *SD_DRILL_18.1MM_5XD_A*	02898035	18,1 *0.713*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1820-077-20R1 *SD_DRILL_18.2MM_5XD_A*	02898036	18,2 *0.717*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1830-077-20R1 *SD_DRILL_18.3MM_5XD_A*	02898037	18,3 *0.720*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1840-077-20R1 *SD_DRILL_18.4MM_5XD_A*	02898038	18,4 *0.724*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1850-077-20R1 *SD_DRILL_18.5MM_5XD_A*	02898039	18,5 *0.728*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1860-077-20R1 *SD_DRILL_18.6MM_5XD_A*	02898040	18,6 *0.732*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1870-077-20R1 *SD_DRILL_18.7MM_5XD_A*	02898041	18,7 *0.736*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1880-077-20R1 *SD_DRILL_18.8MM_5XD_A*	02898042	18,8 *0.740*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1890-077-20R1 *SD_DRILL_18.9MM_5XD_A*	02898043	18,9 *0.744*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1900-077-20R1 *SD_DRILL_19.0MM_5XD_A*	02898044	19,0 *0.748*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1905-077-20R1 *SD_DRILL_3/4_5XD_A*	02898045	19,05 *0.750*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1910-077-20R1 *SD_DRILL_19.1MM_5XD_A*	02898046	19,1 *0.752*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1920-077-20R1 *SD_DRILL_19.2MM_5XD_A*	02898047	19,2 *0.756*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1105A-1930-077-20R1 *SD_DRILL_19.3MM_5XD_A*	02898048	19,3 *0.760*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1940-077-20R1 *SD_DRILL_19.4MM_5XD_A*	02898049	19,4 *0.764*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1950-077-20R1 *SD_DRILL_19.5MM_5XD_A*	02898050	19,5 *0.768*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1960-077-20R1 *SD_DRILL_19.6MM_5XD_A*	02898051	19,6 *0.772*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1970-077-20R1 *SD_DRILL_19.7MM_5XD_A*	02898052	19,7 *0.776*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1980-077-20R1 *SD_DRILL_19.8MM_5XD_A*	02898053	19,8 *0.780*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1990-077-20R1 *SD_DRILL_19.9MM_5XD_A*	02898054	19,9 *0.783*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-2000-077-20R1 *SD_DRILL_20.0MM_5XD_A*	02898055	20,0 *0.787*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9

SD1108A

Profondeur de perçage ~ 8 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe, voir page(s) 133
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1108A-0300-028-06R1 *SD_DRILL_3.0MM_8XD_A*	03295178	3,0 *0.118*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0310-028-06R1 *SD_DRILL_3.1MM_8XD_A*	03295179	3,1 *0.122*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0318-028-06R1 *SD_DRILL_1/8_8XD_A*	03323680	3,175 *0.125*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0320-028-06R1 *SD_DRILL_3.2MM_8XD_A*	03295180	3,2 *0.126*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0330-028-06R1 *SD_DRILL_3.3MM_8XD_A*	03295181	3,3 *0.130*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0340-028-06R1 *SD_DRILL_3.4MM_8XD_A*	03295182	3,4 *0.134*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0350-028-06R1 *SD_DRILL_3.5MM_8XD_A*	03295183	3,5 *0.138*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0357-028-06R1 *SD_DRILL_9/64_8XD_A*	03323681	3,572 *0.141*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0360-028-06R1 *SD_DRILL_3.6MM_8XD_A*	03295184	3,6 *0.142*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0370-028-06R1 *SD_DRILL_3.7MM_8XD_A*	03295185	3,7 *0.146*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0380-037-06R1 *SD_DRILL_3.8MM_8XD_A*	03295186	3,8 *0.150*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0390-037-06R1 *SD_DRILL_3.9MM_8XD_A*	03295187	3,9 *0.154*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0397-037-06R1 *SD_DRILL_5/32_8XD_A*	03323682	3,969 *0.156*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0400-037-06R1 *SD_DRILL_4.0MM_8XD_A*	03295188	4,0 *0.157*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0410-037-06R1 *SD_DRILL_4.1MM_8XD_A*	03295189	4,1 *0.161*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0420-037-06R1 *SD_DRILL_4.2MM_8XD_A*	03295190	4,2 *0.165*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0430-037-06R1 *SD_DRILL_4.3MM_8XD_A*	03295191	4,3 *0.169*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0437-037-06R1 *SD_DRILL_11/64_8XD_A*	03323683	4,366 *0.172*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0440-037-06R1 *SD_DRILL_4.4MM_8XD_A*	03295192	4,4 *0.173*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0450-037-06R1 *SD_DRILL_4.5MM_8XD_A*	03295193	4,5 *0.177*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0460-037-06R1 *SD_DRILL_4.6MM_8XD_A*	03295194	4,6 *0.181*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0470-037-06R1 *SD_DRILL_4.7MM_8XD_A*	03295195	4,7 *0.185*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0476-048-06R1 *SD_DRILL_3/16_8XD_A*	03323684	4,763 *0.188*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0480-048-06R1 *SD_DRILL_4.8MM_8XD_A*	03295197	4,8 *0.189*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0490-048-06R1 *SD_DRILL_4.9MM_8XD_A*	03295198	4,9 *0.193*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1108A-0500-048-06R1 *SD_DRILL_5.0MM_8XD_A*	03295199	5,0 *0.197*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0510-048-06R1 *SD_DRILL_5.1MM_8XD_A*	03295200	5,1 *0.201*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0516-048-06R1 *SD_DRILL_13/64_8XD_A*	03323685	5,159 *0.203*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0520-048-06R1 *SD_DRILL_5.2MM_8XD_A*	03295201	5,2 *0.205*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0530-048-06R1 *SD_DRILL_5.3MM_8XD_A*	03295202	5,3 *0.209*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0540-048-06R1 *SD_DRILL_5.4MM_8XD_A*	03295203	5,4 *0.213*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0550-048-06R1 *SD_DRILL_5.5MM_8XD_A*	03295204	5,5 *0.217*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0556-048-06R1 *SD_DRILL_7/32_8XD_A*	03295206	5,556 *0.219*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0560-048-06R1 *SD_DRILL_5.6MM_8XD_A*	03295207	5,6 *0.220*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0570-048-06R1 *SD_DRILL_5.7MM_8XD_A*	03295208	5,7 *0.224*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0580-048-06R1 *SD_DRILL_5.8MM_8XD_A*	03295012	5,8 *0.228*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0590-048-06R1 *SD_DRILL_5.9MM_8XD_A*	03295013	5,9 *0.232*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0595-048-06R1 *SD_DRILL_15/64_8XD_A*	03323686	5,953 *0.234*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0600-048-06R1 *SD_DRILL_6.0MM_8XD_A*	03295014	6,0 *0.236*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0610-055-08R1 *SD_DRILL_6.1MM_8XD_A*	03295015	6,1 *0.240*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0620-055-08R1 *SD_DRILL_6.2MM_8XD_A*	03295016	6,2 *0.244*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0630-055-08R1 *SD_DRILL_6.3MM_8XD_A*	03295017	6,3 *0.248*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0635-055-08R1 *SD_DRILL_1/4_8XD_A*	03295018	6,35 *0.250*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0640-055-08R1 *SD_DRILL_6.4MM_8XD_A*	03295019	6,4 *0.252*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0650-055-08R1 *SD_DRILL_6.5MM_8XD_A*	03295020	6,5 *0.256*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0660-055-08R1 *SD_DRILL_6.6MM_8XD_A*	03295021	6,6 *0.260*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0670-055-08R1 *SD_DRILL_6.7MM_8XD_A*	03295022	6,7 *0.264*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0675-055-08R1 *SD_DRILL_17/64_8XD_A*	03323687	6,747 *0.266*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0680-055-08R1 *SD_DRILL_6.8MM_8XD_A*	03295023	6,8 *0.268*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0690-055-08R1 *SD_DRILL_6.9MM_8XD_A*	03295024	6,9 *0.272*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0700-055-08R1 *SD_DRILL_7.0MM_8XD_A*	03295025	7,0 *0.276*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0710-064-08R1 *SD_DRILL_7.1MM_8XD_A*	03295026	7,1 *0.280*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0714-064-08R1 *SD_DRILL_9/32_8XD_A*	03323688	7,144 *0.281*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0730-064-08R1 *SD_DRILL_7.3MM_8XD_A*	03323689	7,3 *0.287*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0740-064-08R1 *SD_DRILL_7.4MM_8XD_A*	03295027	7,4 *0.291*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0750-064-08R1 *SD_DRILL_7.5MM_8XD_A*	03295028	7,5 *0.295*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0754-064-08R1 *SD_DRILL_19/64_8XD_A*	03323690	7,541 *0.297*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0760-064-08R1 *SD_DRILL_7.6MM_8XD_A*	03323691	7,6 *0.299*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0770-064-08R1 *SD_DRILL_7.7MM_8XD_A*	03295029	7,7 *0.303*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0780-064-08R1 *SD_DRILL_7.8MM_8XD_A*	03295030	7,8 *0.307*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9

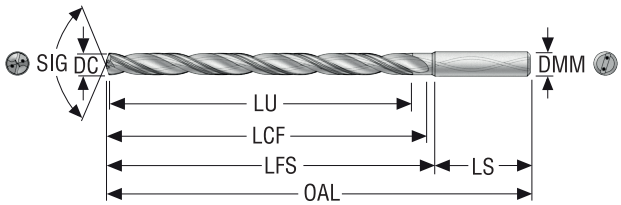
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1108A-0790-064-08R1 *SD_DRILL_7.9MM_8XD_A*	03295031	7,9 *0.311*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0794-064-08R1 *SD_DRILL_5/16_8XD_A*	03323692	7,938 *0.313*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0800-064-08R1 *SD_DRILL_8.0MM_8XD_A*	03295032	8,0 *0.315*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0810-080-10R1 *SD_DRILL_8.1MM_8XD_A*	03295033	8,1 *0.319*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0820-080-10R1 *SD_DRILL_8.2MM_8XD_A*	03295034	8,2 *0.323*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0830-080-10R1 *SD_DRILL_8.3MM_8XD_A*	03295035	8,3 *0.327*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0833-080-10R1 *SD_DRILL_21/64_8XD_A*	03323693	8,334 *0.328*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0840-080-10R1 *SD_DRILL_8.4MM_8XD_A*	03295036	8,4 *0.331*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0850-080-10R1 *SD_DRILL_8.5MM_8XD_A*	03295037	8,5 *0.335*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0860-080-10R1 *SD_DRILL_8.6MM_8XD_A*	03295038	8,6 *0.339*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0870-080-10R1 *SD_DRILL_8.7MM_8XD_A*	03295039	8,7 *0.343*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0873-080-10R1 *SD_DRILL_11/32_8XD_A*	03323694	8,731 *0.344*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0880-080-10R1 *SD_DRILL_8.8MM_8XD_A*	03295040	8,8 *0.346*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0900-080-10R1 *SD_DRILL_9.0MM_8XD_A*	03295041	9,0 *0.354*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0910-080-10R1 *SD_DRILL_9.1MM_8XD_A*	03295042	9,1 *0.358*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0913-080-10R1 *SD_DRILL_23/64_8XD_A*	03323695	9,128 *0.359*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0930-080-10R1 *SD_DRILL_9.3MM_8XD_A*	03295043	9,3 *0.366*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0940-080-10R1 *SD_DRILL_9.4MM_8XD_A*	03295044	9,4 *0.370*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0950-080-10R1 *SD_DRILL_9.5MM_8XD_A*	03295045	9,5 *0.374*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0953-080-10R1 *SD_DRILL_3/8_8XD_A*	03323696	9,525 *0.375*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0970-080-10R1 *SD_DRILL_9.7MM_8XD_A*	03295046	9,7 *0.382*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0980-080-10R1 *SD_DRILL_9.8MM_8XD_A*	03295047	9,8 *0.386*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0990-080-10R1 *SD_DRILL_9.9MM_8XD_A*	03295048	9,9 *0.390*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0992-080-10R1 *SD_DRILL_25/64_8XD_A*	03323697	9,922 *0.391*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-1000-080-10R1 *SD_DRILL_10.0MM_8XD_A*	03295049	10,0 *0.394*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-1020-096-12R1 *SD_DRILL_10.2MM_8XD_A*	03295050	10,2 *0.402*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1030-096-12R1 *SD_DRILL_10.3MM_8XD_A*	03295051	10,3 *0.406*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1032-096-12R1 *SD_DRILL_13/32_8XD_A*	03323698	10,319 *0.406*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1040-096-12R1 *SD_DRILL_10.4MM_8XD_A*	03295053	10,4 *0.409*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1050-096-12R1 *SD_DRILL_10.5MM_8XD_A*	03295054	10,5 *0.413*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1070-096-12R1 *SD_DRILL_10.7MM_8XD_A*	03295055	10,7 *0.421*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1072-096-12R1 *SD_DRILL_27/64_8XD_A*	03323699	10,716 *0.422*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1080-096-12R1 *SD_DRILL_10.8MM_8XD_A*	03295056	10,8 *0.425*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1100-096-12R1 *SD_DRILL_11.0MM_8XD_A*	03295057	11,0 *0.433*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1111-096-12R1 *SD_DRILL_7/16_8XD_A*	03323700	11,113 *0.438*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1108A-1120-096-12R1 *SD_DRILL_11.2MM_8XD_A*	03295058	11,2 *0.441*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1130-096-12R1 *SD_DRILL_11.3MM_8XD_A*	03295059	11,3 *0.445*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1150-096-12R1 *SD_DRILL_11.5MM_8XD_A*	03295060	11,5 *0.453*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1170-096-12R1 *SD_DRILL_11.7MM_8XD_A*	03295061	11,7 *0.461*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1180-096-12R1 *SD_DRILL_11.8MM_8XD_A*	03295062	11,8 *0.465*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1190-096-12R1 *SD_DRILL_11.9MM_8XD_A*	03295063	11,9 *0.469*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1191-096-12R1 *SD_DRILL_15/32_8XD_A*	03323701	11,906 *0.469*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1200-096-12R1 *SD_DRILL_12.0MM_8XD_A*	03295064	12,0 *0.472*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1230-119-14R1 *SD_DRILL_31/64_8XD_A*	03295065	12,3 *0.484*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1250-119-14R1 *SD_DRILL_12.5MM_8XD_A*	03295066	12,5 *0.492*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1270-119-14R1 *SD_DRILL_1/2_8XD_A*	03295067	12,7 *0.500*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1300-119-14R1 *SD_DRILL_13.0MM_8XD_A*	03295068	13,0 *0.512*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1349-119-14R1 *SD_DRILL_17/32_8XD_A*	03323702	13,494 *0.531*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1350-119-14R1 *SD_DRILL_13.5MM_8XD_A*	03295069	13,5 *0.531*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1400-119-14R1 *SD_DRILL_14.0MM_8XD_A*	03295070	14,0 *0.551*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1429-136-16R1 *SD_DRILL_9/16_8XD_A*	03295071	14,288 *0.563*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1450-136-16R1 *SD_DRILL_14.5MM_8XD_A*	03295072	14,5 *0.571*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1500-136-16R1 *SD_DRILL_15.0MM_8XD_A*	03295073	15,0 *0.591*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1550-136-16R1 *SD_DRILL_15.5MM_8XD_A*	03295074	15,5 *0.610*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1588-136-16R1 *SD_DRILL_5/8_8XD_A*	03295075	15,875 *0.625*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1600-136-16R1 *SD_DRILL_16.0MM_8XD_A*	03295076	16,0 *0.630*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1650-153-18R1 *SD_DRILL_16.5MM_8XD_A*	03295077	16,5 *0.650*	153,0 *6.024*	223,0 *8.780*	175,0 *6.890*	48,0 *1.890*	171,0 *6.732*	18,0 *0.709*	140°	TiAlN	IT9
SD1108A-1700-153-18R1 *SD_DRILL_17.0MM_8XD_A*	03295078	17,0 *0.669*	153,0 *6.024*	223,0 *8.780*	175,0 *6.890*	48,0 *1.890*	171,0 *6.732*	18,0 *0.709*	140°	TiAlN	IT9
SD1108A-1750-153-18R1 *SD_DRILL_17.5MM_8XD_A*	03295079	17,5 *0.689*	153,0 *6.024*	223,0 *8.780*	175,0 *6.890*	48,0 *1.890*	171,0 *6.732*	18,0 *0.709*	140°	TiAlN	IT9
SD1108A-1800-153-18R1 *SD_DRILL_18.0MM_8XD_A*	03295080	18,0 *0.709*	153,0 *6.024*	223,0 *8.780*	175,0 *6.890*	48,0 *1.890*	171,0 *6.732*	18,0 *0.709*	140°	TiAlN	IT9
SD1108A-1850-170-20R1 *SD_DRILL_18.5MM_8XD_A*	03295081	18,5 *0.728*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9
SD1108A-1900-170-20R1 *SD_DRILL_19.0MM_8XD_A*	03295082	19,0 *0.748*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9
SD1108A-1905-170-20R1 *SD_DRILL_3/4_8XD_A*	03323703	19,05 *0.750*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9
SD1108A-1950-170-20R1 *SD_DRILL_19.5MM_8XD_A*	03295083	19,5 *0.768*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9
SD1108A-2000-170-20R1 *SD_DRILL_20.0MM_8XD_A*	03295084	20,0 *0.787*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9

SD1112A

Profondeur de perçage ~ 12 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe, voir page(s) 134
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1112A-0300-048-06R1 *SD_DRILL_3.0MM_12XD_A*	03295085	3,0 *0.118*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0310-048-06R1 *SD_DRILL_3.1MM_12XD_A*		3,1 *0.122*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0318-048-06R1 *SD_DRILL_1/8_12XD_A*	03323704	3,175 *0.125*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0320-048-06R1 *SD_DRILL_3.2MM_12XD_A*	03295087	3,2 *0.126*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0330-048-06R1 *SD_DRILL_3.3MM_12XD_A*	03295088	3,3 *0.130*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0340-048-06R1 *SD_DRILL_3.4MM_12XD_A*	03295089	3,4 *0.134*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0350-048-06R1 *SD_DRILL_3.5MM_12XD_A*	03295090	3,5 *0.138*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0357-048-06R1 *SD_DRILL_9/64_12XD_A*	03323705	3,572 *0.141*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0360-048-06R1 *SD_DRILL_3.6MM_12XD_A*	03295091	3,6 *0.142*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0370-048-06R1 *SD_DRILL_3.7MM_12XD_A*	03295092	3,7 *0.146*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0380-056-06R1 *SD_DRILL_3.8MM_12XD_A*	03295093	3,8 *0.150*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0390-056-06R1 *SD_DRILL_3.9MM_12XD_A*	03295094	3,9 *0.154*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0397-056-06R1 *SD_DRILL_5/32_12XD_A*	03323706	3,969 *0.156*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0400-056-06R1 *SD_DRILL_4.0MM_12XD_A*	03295095	4,0 *0.157*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0410-056-06R1 *SD_DRILL_4.1MM_12XD_A*	03295096	4,1 *0.161*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0420-056-06R1 *SD_DRILL_4.2MM_12XD_A*	03295097	4,2 *0.165*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0430-056-06R1 *SD_DRILL_4.3MM_12XD_A*	03295098	4,3 *0.169*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0437-056-06R1 *SD_DRILL_11/64_12XD_A*	03323707	4,366 *0.172*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0440-056-06R1 *SD_DRILL_4.4MM_12XD_A*	03295099	4,4 *0.173*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0450-056-06R1 *SD_DRILL_4.5MM_12XD_A*	03295100	4,5 *0.177*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0460-056-06R1 *SD_DRILL_4.6MM_12XD_A*	03295101	4,6 *0.181*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0470-056-06R1 *SD_DRILL_4.7MM_12XD_A*	03295102	4,7 *0.185*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0476-074-06R1 *SD_DRILL_3/16_12XD_A*	03323708	4,763 *0.188*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0480-074-06R1 *SD_DRILL_4.8MM_12XD_A*	03295103	4,8 *0.189*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0490-074-06R1 *SD_DRILL_4.9MM_12XD_A*	03295104	4,9 *0.193*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1112A-0500-074-06R1 *SD_DRILL_5.0MM_12XD_A*	03295105	5,0 *0.197*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0510-074-06R1 *SD_DRILL_5.1MM_12XD_A*	03295106	5,1 *0.201*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0516-074-06R1 *SD_DRILL_13/64_12XD_A*	03323709	5,159 *0.203*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0520-074-06R1 *SD_DRILL_5.2MM_12XD_A*	03295107	5,2 *0.205*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0530-074-06R1 *SD_DRILL_5.3MM_12XD_A*	03295108	5,3 *0.209*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0540-074-06R1 *SD_DRILL_5.4MM_12XD_A*	03295109	5,4 *0.213*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0550-074-06R1 *SD_DRILL_5.5MM_12XD_A*	03295110	5,5 *0.217*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0556-074-06R1 *SD_DRILL_7/32_12XD_A*	03295111	5,556 *0.219*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0560-074-06R1 *SD_DRILL_5.6MM_12XD_A*	03295112	5,6 *0.220*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0570-074-06R1 *SD_DRILL_5.7MM_12XD_A*	03295113	5,7 *0.224*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0580-074-06R1 *SD_DRILL_5.8MM_12XD_A*	03295114	5,8 *0.228*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0590-074-06R1 *SD_DRILL_5.9MM_12XD_A*	03295115	5,9 *0.232*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0600-074-06R1 *SD_DRILL_6.0MM_12XD_A*	03295116	6,0 *0.236*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0610-098-08R1 *SD_DRILL_6.1MM_12XD_A*	03295117	6,1 *0.240*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0620-098-08R1 *SD_DRILL_6.2MM_12XD_A*	03295118	6,2 *0.244*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0630-098-08R1 *SD_DRILL_6.3MM_12XD_A*	03295119	6,3 *0.248*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0635-098-08R1 *SD_DRILL_1/4_12XD_A*	03295120	6,35 *0.250*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0640-098-08R1 *SD_DRILL_6.4MM_12XD_A*	03295121	6,4 *0.252*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0650-098-08R1 *SD_DRILL_6.5MM_12XD_A*	03295122	6,5 *0.256*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0660-098-08R1 *SD_DRILL_6.6MM_12XD_A*	03295123	6,6 *0.260*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0670-098-08R1 *SD_DRILL_6.7MM_12XD_A*	03295124	6,7 *0.264*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0675-098-08R1 *SD_DRILL_17/64_12XD_A*	03323710	6,747 *0.266*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0680-098-08R1 *SD_DRILL_6.8MM_12XD_A*	03295125	6,8 *0.268*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0690-098-08R1 *SD_DRILL_6.9MM_12XD_A*	03295126	6,9 *0.272*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0700-098-08R1 *SD_DRILL_7.0MM_12XD_A*	03295127	7,0 *0.276*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0710-098-08R1 *SD_DRILL_7.1MM_12XD_A*	03295128	7,1 *0.280*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0714-098-08R1 *SD_DRILL_9/32_12XD_A*	03323711	7,144 *0.281*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0730-098-08R1 *SD_DRILL_7.3MM_12XD_A*	03323712	7,3 *0.287*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0740-098-08R1 *SD_DRILL_7.4MM_12XD_A*	03295129	7,4 *0.291*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0750-098-08R1 *SD_DRILL_7.5MM_12XD_A*	03295130	7,5 *0.295*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0754-098-08R1 *SD_DRILL_19/64_12XD_A*	03323713	7,541 *0.297*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0780-098-08R1 *SD_DRILL_7.8MM_12XD_A*	03295131	7,8 *0.307*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0790-098-08R1 *SD_DRILL_7.9MM_12XD_A*	03295132	7,9 *0.311*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0794-098-08R1 *SD_DRILL_5/16_12XD_A*	03323714	7,938 *0.313*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0800-098-08R1 *SD_DRILL_8.0MM_12XD_A*	03295133	8,0 *0.315*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1112A-0810-123-10R1 *SD_DRILL_8.1MM_12XD_A*	03295135	8,1 *0.319*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0820-123-10R1 *SD_DRILL_8.2MM_12XD_A*	03295136	8,2 *0.323*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0830-123-10R1 *SD_DRILL_8.3MM_12XD_A*	03295137	8,3 *0.327*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0840-123-10R1 *SD_DRILL_8.4MM_12XD_A*	03295138	8,4 *0.331*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0850-123-10R1 *SD_DRILL_8.5MM_12XD_A*	03295139	8,5 *0.335*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0860-123-10R1 *SD_DRILL_8.6MM_12XD_A*	03295140	8,6 *0.339*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0870-123-10R1 *SD_DRILL_8.7MM_12XD_A*	03295141	8,7 *0.343*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0873-123-10R1 *SD_DRILL_11/32_12XD_A*	03323715	8,731 *0.344*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0880-123-10R1 *SD_DRILL_8.8MM_12XD_A*	03295142	8,8 *0.346*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0900-123-10R1 *SD_DRILL_9.0MM_12XD_A*	03295143	9,0 *0.354*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0913-123-10R1 *SD_DRILL_23/64_12XD_A*	03323716	9,128 *0.359*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0930-123-10R1 *SD_DRILL_9.3MM_12XD_A*	03295144	9,3 *0.366*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0950-123-10R1 *SD_DRILL_9.5MM_12XD_A*	03295145	9,5 *0.374*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0953-123-10R1 *SD_DRILL_3/8_12XD_A*	03323717	9,525 *0.375*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0970-123-10R1 *SD_DRILL_9.7MM_12XD_A*	03295146	9,7 *0.382*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0980-123-10R1 *SD_DRILL_9.8MM_12XD_A*	03295147	9,8 *0.386*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0992-123-10R1 *SD_DRILL_25/64_12XD_A*	03323718	9,922 *0.391*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-1000-123-10R1 *SD_DRILL_10.0MM_12XD_A*	03295148	10,0 *0.394*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-1020-140-12R1 *SD_DRILL_10.2MM_12XD_A*	03295149	10,2 *0.402*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1030-140-12R1 *SD_DRILL_10.3MM_12XD_A*	03295150	10,3 *0.406*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1032-140-12R1 *SD_DRILL_13/32_12XD_A*	03323719	10,319 *0.406*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1050-140-12R1 *SD_DRILL_10.5MM_12XD_A*	03295151	10,5 *0.413*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1072-140-12R1 *SD_DRILL_27/64_12XD_A*	03323720	10,716 *0.422*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1080-140-12R1 *SD_DRILL_10.8MM_12XD_A*	03295152	10,8 *0.425*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1100-140-12R1 *SD_DRILL_11.0MM_12XD_A*	03295153	11,0 *0.433*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1111-140-12R1 *SD_DRILL_7/16_12XD_A*	03323722	11,113 *0.438*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1120-140-12R1 *SD_DRILL_11.2MM_12XD_A*	03295154	11,2 *0.441*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1150-140-12R1 *SD_DRILL_11.5MM_12XD_A*	03295155	11,5 *0.453*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1170-140-12R1 *SD_DRILL_11.7MM_12XD_A*	03295156	11,7 *0.461*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1180-140-12R1 *SD_DRILL_11.8MM_12XD_A*	03295157	11,8 *0.465*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1191-140-12R1 *SD_DRILL_15/32_12XD_A*	03323723	11,906 *0.469*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1200-140-12R1 *SD_DRILL_12.0MM_12XD_A*	03295158	12,0 *0.472*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1220-168-14R1 *SD_DRILL_12.2MM_12XD_A*	03295159	12,2 *0.480*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1230-168-14R1 *SD_DRILL_31/64_12XD_A*	03295160	12,3 *0.484*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1250-168-14R1 *SD_DRILL_12.5MM_12XD_A*	03295161	12,5 *0.492*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD1112A-1270-168-14R1 *SD_DRILL_1/2_12XD_A*	03295162	12,7 *0.500*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1300-168-14R1 *SD_DRILL_13.0MM_12XD_A*	03295163	13,0 *0.512*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1349-168-14R1 *SD_DRILL_17/32_12XD_A*	03323724	13,494 *0.531*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1350-168-14R1 *SD_DRILL_13.5MM_12XD_A*	03295164	13,5 *0.531*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1400-168-14R1 *SD_DRILL_14.0MM_12XD_A*	03295165	14,0 *0.551*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1429-192-16R1 *SD_DRILL_9/16_12XD_A*	03295166	14,288 *0.563*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1450-192-16R1 *SD_DRILL_14.5MM_12XD_A*	03295167	14,5 *0.571*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1500-192-16R1 *SD_DRILL_15.0MM_12XD_A*	03295168	15,0 *0.591*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1550-192-16R1 *SD_DRILL_15.5MM_12XD_A*	03295169	15,5 *0.610*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1588-192-16R1 *SD_DRILL_5/8_12XD_A*	03295170	15,875 *0.625*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1600-192-16R1 *SD_DRILL_16.0MM_12XD_A*	03295171	16,0 *0.630*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1650-216-18R1 *SD_DRILL_16.5MM_12XD_A*	03295172	16,5 *0.650*	216,0 *8.504*	285,0 *11.220*	237,0 *9.331*	48,0 *1.890*	234,0 *9.213*	18,0 *0.709*	140°	TiAlN	IT9
SD1112A-1700-216-18R1 *SD_DRILL_17.0MM_12XD_A*	03295173	17,0 *0.669*	216,0 *8.504*	285,0 *11.220*	237,0 *9.331*	48,0 *1.890*	234,0 *9.213*	18,0 *0.709*	140°	TiAlN	IT9
SD1112A-1750-216-18R1 *SD_DRILL_17.5MM_12XD_A*	03295174	17,5 *0.689*	216,0 *8.504*	285,0 *11.220*	237,0 *9.331*	48,0 *1.890*	234,0 *9.213*	18,0 *0.709*	140°	TiAlN	IT9
SD1112A-1800-216-18R1 *SD_DRILL_18.0MM_12XD_A*	03295175	18,0 *0.709*	216,0 *8.504*	285,0 *11.220*	237,0 *9.331*	48,0 *1.890*	234,0 *9.213*	18,0 *0.709*	140°	TiAlN	IT9
SD1112A-1900-238-20R1 *SD_DRILL_19.0MM_12XD_A*	03295176	19,0 *0.748*	238,0 *9.370*	310,0 *12.205*	260,0 *10.236*	50,0 *1.969*	258,0 *10.157*	20,0 *0.787*	140°	TiAlN	IT9
SD1112A-2000-238-20R1 *SD_DRILL_20.0MM_12XD_A*	03295177	20,0 *0.787*	238,0 *9.370*	310,0 *12.205*	260,0 *10.236*	50,0 *1.969*	258,0 *10.157*	20,0 *0.787*	140°	TiAlN	IT9



Feedmax-P – Forets à diamètre unique

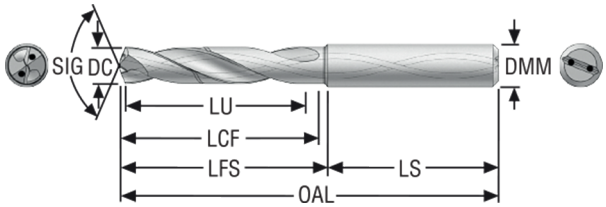
Conçus pour assurer haute productivité et faible coût par trou, ils offrent une combinaison unique de carbure, de revêtement et de géométrie de pointe.

- Géométrie auto-centrante pour une excellente qualité de trous sans opérations de perçage central.
- Un revêtement TiAlN spécial confère aux forets Seco Feedmax une dureté à chaud élevée qui, en combinaison avec une arête de coupe tenace, garantit une durée de vie de l'outil longue et prévisible

SD203A-P

Profondeur de perçage ~ 3 x D – Métrique/Pouces





– Attachement cylindrique DIN 6537A
– Tolérance DC m7
– Arrosage interne
– Paramètres de coupe, voir page(s) 135-136
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-0200-007-04R1-P	03045918	2,0 *0.079*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0210-007-04R1-P	03045919	2,1 *0.083*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0220-007-04R1-P	03045920	2,2 *0.087*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0230-008-04R1-P	03045921	2,3 *0.091*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0235-008-04R1-P	03138154	2,35 *0.093*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0238-008-04R1-P	03120476	2,381 *0.094*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0240-008-04R1-P	03045922	2,4 *0.094*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0250-008-04R1-P	03045923	2,5 *0.098*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0260-008-04R1-P	03045924	2,6 *0.102*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0270-009-04R1-P	03045925	2,7 *0.106*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0278-009-04R1-P	03120495	2,778 *0.109*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0280-009-04R1-P	03045926	2,8 *0.110*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0290-009-04R1-P	03045927	2,9 *0.114*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0300-014-06R1-P	03045928	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0310-014-06R1-P	03045929	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0318-014-06R1-P	03046061	3,175 *0.125*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0320-014-06R1-P	03045930	3,2 *0.126*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0325-014-06R1-P	03045931	3,25 *0.128*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0330-014-06R1-P	03045932	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0340-014-06R1-P	03045933	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0350-014-06R1-P	03045934	3,5 *0.138*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0357-014-06R1-P	03046062	3,572 *0.141*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0360-014-06R1-P	03045935	3,6 *0.142*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0365-014-06R1-P	03045936	3,65 *0.144*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0370-014-06R1-P	03045937	3,7 *0.146*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-0380-017-06R1-P	03045938	3,8 *0.150*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0390-017-06R1-P	03045939	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0397-017-06R1-P	03046063	3,97 *0.156*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0400-017-06R1-P	03045940	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0410-017-06R1-P	03045941	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0420-017-06R1-P	03045942	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0430-017-06R1-P	03045943	4,3 *0.169*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0437-017-06R1-P	03046064	4,366 *0.172*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0450-017-06R1-P	03045944	4,5 *0.177*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0460-017-06R1-P	03045945	4,6 *0.181*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0465-017-06R1-P	03045946	4,65 *0.183*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0470-017-06R1-P	03045947	4,7 *0.185*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0476-020-06R1-P	03046065	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0480-020-06R1-P	03045948	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0490-020-06R1-P	03045949	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0500-020-06R1-P	03045950	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0510-020-06R1-P	03045951	5,1 *0.201*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0516-020-06R1-P	03046066	5,159 *0.203*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0520-020-06R1-P	03045952	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0530-020-06R1-P	03045953	5,3 *0.209*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0540-020-06R1-P	03045954	5,4 *0.213*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0550-020-06R1-P	03045955	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0555-020-06R1-P	03045956	5,55 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0556-020-06R1-P	03046067	5,556 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0560-020-06R1-P	03045957	5,6 *0.220*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0570-020-06R1-P	03045958	5,7 *0.224*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0580-020-06R1-P	03045959	5,8 *0.228*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0590-020-06R1-P	03045960	5,9 *0.232*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0595-020-06R1-P	03046068	5,953 *0.234*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0600-020-06R1-P	03045961	6,0 *0.236*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0610-024-08R1-P	03045962	6,1 *0.240*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0620-024-08R1-P	03045963	6,2 *0.244*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0630-024-08R1-P	03045964	6,3 *0.248*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0635-024-08R1-P	03046069	6,35 *0.250*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0640-024-08R1-P	03045965	6,4 *0.252*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-0650-024-08R1-P	03045966	6,5 *0.256*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0660-024-08R1-P	03045967	6,6 *0.260*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0670-024-08R1-P	03045968	6,7 *0.264*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0675-024-08R1-P	03046070	6,747 *0.266*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0680-024-08R1-P	03045969	6,8 *0.268*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0690-024-08R1-P	03045970	6,9 *0.272*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0700-024-08R1-P	03045971	7,0 *0.276*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0710-029-08R1-P	03045972	7,1 *0.280*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0714-029-08R1-P	03046071	7,144 *0.281*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0720-029-08R1-P	03045973	7,2 *0.283*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0730-029-08R1-P	03045974	7,3 *0.287*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0740-029-08R1-P	03045975	7,4 *0.291*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0750-029-08R1-P	03045976	7,5 *0.295*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0754-029-08R1-P	03046072	7,541 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0755-029-08R1-P	03045977	7,55 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0760-029-08R1-P	03045978	7,6 *0.299*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0770-029-08R1-P	03045979	7,7 *0.303*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0780-029-08R1-P	03045980	7,8 *0.307*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0790-029-08R1-P	03045981	7,9 *0.311*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0794-029-08R1-P	03046073	7,938 *0.313*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0800-029-08R1-P	03045982	8,0 *0.315*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0810-035-10R1-P	03045983	8,1 *0.319*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0820-035-10R1-P	03045984	8,2 *0.323*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0830-035-10R1-P	03045985	8,3 *0.327*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0833-035-10R1-P	03046074	8,334 *0.328*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0840-035-10R1-P	03045986	8,4 *0.331*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0850-035-10R1-P	03045987	8,5 *0.335*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0860-035-10R1-P	03045988	8,6 *0.339*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0870-035-10R1-P	03045989	8,7 *0.343*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0873-035-10R1-P	03046075	8,731 *0.344*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0880-035-10R1-P	03045990	8,8 *0.346*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0890-035-10R1-P	03045991	8,9 *0.350*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0900-035-10R1-P	03045992	9,0 *0.354*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0910-035-10R1-P	03045993	9,1 *0.358*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0913-035-10R1-P	03046076	9,128 *0.359*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-0920-035-10R1-P	03045994	9,2 *0.362*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0930-035-10R1-P	03045995	9,3 *0.366*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0940-035-10R1-P	03045996	9,4 *0.370*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0950-035-10R1-P	03045997	9,5 *0.374*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0953-035-10R1-P	03046077	9,525 *0.375*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0955-035-10R1-P	03045998	9,55 *0.376*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0960-035-10R1-P	03045999	9,6 *0.378*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0970-035-10R1-P	03046000	9,7 *0.382*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0980-035-10R1-P	03046001	9,8 *0.386*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0990-035-10R1-P	03046002	9,9 *0.390*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0992-035-10R1-P	03046078	9,922 *0.391*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-1000-035-10R1-P	03046003	10,0 *0.394*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-1020-040-12R1-P	03046004	10,2 *0.402*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1032-040-12R1-P	03046079	10,319 *0.406*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1040-040-12R1-P	03046005	10,4 *0.409*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1050-040-12R1-P	03046006	10,5 *0.413*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1060-040-12R1-P	03046007	10,6 *0.417*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1072-040-12R1-P	03046080	10,716 *0.422*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1080-040-12R1-P	03046008	10,8 *0.425*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1090-040-12R1-P	03046009	10,9 *0.429*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1100-040-12R1-P	03046010	11,0 *0.433*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1110-040-12R1-P	03046011	11,1 *0.437*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1111-040-12R1-P	03046081	11,113 *0.438*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1120-040-12R1-P	03046012	11,2 *0.441*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1130-040-12R1-P	03046013	11,3 *0.445*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1140-040-12R1-P	03046014	11,4 *0.449*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1150-040-12R1-P	03046015	11,5 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1151-040-12R1-P	03046082	11,509 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1155-040-12R1-P	03046016	11,55 *0.455*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1160-040-12R1-P	03046017	11,6 *0.457*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1170-040-12R1-P	03046018	11,7 *0.461*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1180-040-12R1-P	03046019	11,8 *0.465*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1190-040-12R1-P	03046020	11,9 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1191-040-12R1-P	03046083	11,906 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1200-040-12R1-P	03046021	12,0 *0.472*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9

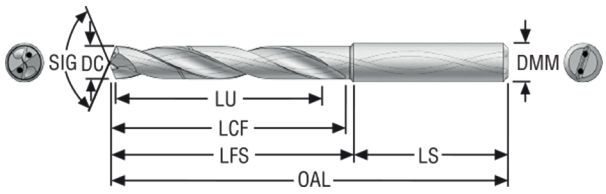
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-1210-043-14R1-P	03046022	12,1 *0.476*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1220-043-14R1-P	03046023	12,2 *0.480*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1230-043-14R1-P	03046084	12,303 *0.484*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1240-043-14R1-P	03046024	12,4 *0.488*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1250-043-14R1-P	03046025	12,5 *0.492*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1260-043-14R1-P	03046026	12,6 *0.496*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1270-043-14R1-P	03046085	12,7 *0.500*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1275-043-14R1-P	03046027	12,75 *0.502*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1280-043-14R1-P	03046028	12,8 *0.504*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1290-043-14R1-P	03046029	12,9 *0.508*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1300-043-14R1-P	03046030	13,0 *0.512*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1310-043-14R1-P	03046031	13,1 *0.516*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1320-043-14R1-P	03046032	13,2 *0.520*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1330-043-14R1-P	03046033	13,3 *0.524*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1340-043-14R1-P	03046034	13,4 *0.528*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1349-043-14R1-P	03046086	13,494 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1350-043-14R1-P	03046035	13,5 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1360-043-14R1-P	03046036	13,6 *0.535*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1370-043-14R1-P	03046037	13,7 *0.539*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1380-043-14R1-P	03046038	13,8 *0.543*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1390-043-14R1-P	03046039	13,9 *0.547*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1400-043-14R1-P	03046040	14,0 *0.551*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1420-045-16R1-P	03046041	14,2 *0.559*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1425-045-16R1-P	03138155	14,25 *0.561*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1429-045-16R1-P	03046087	14,288 *0.563*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1450-045-16R1-P	03046042	14,5 *0.571*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1470-045-16R1-P	03046043	14,7 *0.579*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1475-045-16R1-P	03046044	14,75 *0.581*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1480-045-16R1-P	03046045	14,8 *0.583*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1500-045-16R1-P	03046046	15,0 *0.591*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1510-045-16R1-P	03046047	15,1 *0.594*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1530-045-16R1-P	03046048	15,3 *0.602*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1550-045-16R1-P	03046049	15,5 *0.610*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1570-045-16R1-P	03046050	15,7 *0.618*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1580-045-16R1-P	03046051	15,8 *0.622*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-1588-045-16R1-P	03046088	15,875 *0.625*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1600-045-16R1-P	03046052	16,0 *0.630*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1650-051-18R1-P	03046053	16,5 *0.650*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT8-9
SD203A-1700-051-18R1-P	03046054	17,0 *0.669*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT8-9
SD203A-1750-051-18R1-P	03046055	17,5 *0.689*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT8-9
SD203A-1800-051-18R1-P	03046056	18,0 *0.709*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT8-9
SD203A-1850-055-20R1-P	03046057	18,5 *0.728*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-1900-055-20R1-P	03046058	19,0 *0.748*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-1905-055-20R1-P	03046089	19,05 *0.750*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-1950-055-20R1-P	03046059	19,5 *0.768*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-1980-055-20R1-P	03138156	19,8 *0.780*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-2000-055-20R1-P	03046060	20,0 *0.787*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9

SD205A-P

Profondeur de perçage ~ 5 x D – Métrique/Pouces





– Attachement cylindrique DIN 6537A
– Tolérance DC m7
– Arrosage interne
– Paramètres de coupe, voir page(s) 137-138
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-0200-012-04R1-P	03046131	2,0 *0.079*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0210-012-04R1-P	03046132	2,1 *0.083*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0220-012-04R1-P	03046133	2,2 *0.087*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0230-012-04R1-P	03046134	2,3 *0.091*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0238-013-04R1-P	03120477	2,381 *0.094*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0240-013-04R1-P	03046135	2,4 *0.094*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0250-013-04R1-P	03046136	2,5 *0.098*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0260-013-04R1-P	03046137	2,6 *0.102*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0270-015-04R1-P	03046138	2,7 *0.106*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0278-015-04R1-P	03120496	2,778 *0.109*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0280-015-04R1-P	03046139	2,8 *0.110*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0290-015-04R1-P	03046141	2,9 *0.114*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0300-023-06R1-P	03046142	3,0 *0.118*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0310-023-06R1-P	03046143	3,1 *0.122*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0318-023-06R1-P	03046327	3,175 *0.125*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0320-023-06R1-P	03046144	3,2 *0.126*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0325-023-06R1-P	03046145	3,25 *0.128*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0330-023-06R1-P	03046146	3,3 *0.130*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0340-023-06R1-P	03046147	3,4 *0.134*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0350-023-06R1-P	03046148	3,5 *0.138*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0357-023-06R1-P	03046328	3,572 *0.141*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0360-023-06R1-P	03046149	3,6 *0.142*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0365-023-06R1-P	03046150	3,65 *0.144*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0370-023-06R1-P	03046151	3,7 *0.146*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0380-029-06R1-P	03046152	3,8 *0.150*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-0390-029-06R1-P	03046153	3,9 *0.154*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0397-029-06R1-P	03046329	3,97 *0.156*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0400-029-06R1-P	03046154	4,0 *0.157*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0410-029-06R1-P	03046155	4,1 *0.161*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0420-029-06R1-P	03046157	4,2 *0.165*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0430-029-06R1-P	03046158	4,3 *0.169*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0437-029-06R1-P	03046330	4,366 *0.172*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0440-029-06R1-P	03046159	4,4 *0.173*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0450-029-06R1-P	03046160	4,5 *0.177*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0460-029-06R1-P	03046161	4,6 *0.181*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0465-029-06R1-P	03046162	4,65 *0.183*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0470-029-06R1-P	03046163	4,7 *0.185*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0476-035-06R1-P	03046331	4,763 *0.188*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0480-035-06R1-P	03046164	4,8 *0.189*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0490-035-06R1-P	03046165	4,9 *0.193*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0500-035-06R1-P	03046166	5,0 *0.197*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0510-035-06R1-P	03046167	5,1 *0.201*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0516-035-06R1-P	03046332	5,159 *0.203*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0520-035-06R1-P	03046168	5,2 *0.205*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0530-035-06R1-P	03046169	5,3 *0.209*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0540-035-06R1-P	03046170	5,4 *0.213*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0550-035-06R1-P	03046171	5,5 *0.217*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0555-035-06R1-P	03046172	5,55 *0.219*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0556-035-06R1-P	03046333	5,556 *0.219*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0560-035-06R1-P	03046173	5,6 *0.220*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0570-035-06R1-P	03046174	5,7 *0.224*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0580-035-06R1-P	03046175	5,8 *0.228*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0590-035-06R1-P	03046176	5,9 *0.232*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0595-035-06R1-P	03046334	5,953 *0.234*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0600-035-06R1-P	03046177	6,0 *0.236*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0610-043-08R1-P	03046179	6,1 *0.240*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0620-043-08R1-P	03046180	6,2 *0.244*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0630-043-08R1-P	03046181	6,3 *0.248*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0635-043-08R1-P	03046335	6,35 *0.250*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0640-043-08R1-P	03046182	6,4 *0.252*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-0650-043-08R1-P	03046183	6,5 *0.256*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0660-043-08R1-P	03046184	6,6 *0.260*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0670-043-08R1-P	03046185	6,7 *0.264*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0675-043-08R1-P	03046336	6,747 *0.266*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0680-043-08R1-P	03046186	6,8 *0.268*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0690-043-08R1-P	03046187	6,9 *0.272*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0700-043-08R1-P	03046188	7,0 *0.276*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0710-043-08R1-P	03046190	7,1 *0.280*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0714-043-08R1-P	03046337	7,144 *0.281*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0720-043-08R1-P	03046191	7,2 *0.283*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0730-043-08R1-P	03046192	7,3 *0.287*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0740-043-08R1-P	03046193	7,4 *0.291*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0750-043-08R1-P	03046194	7,5 *0.295*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0754-043-08R1-P	03046338	7,541 *0.297*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0755-043-08R1-P	03046195	7,55 *0.297*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0760-043-08R1-P	03046196	7,6 *0.299*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0770-043-08R1-P	03046197	7,7 *0.303*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0780-043-08R1-P	03046198	7,8 *0.307*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0790-043-08R1-P	03046199	7,9 *0.311*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0794-043-08R1-P	03046339	7,938 *0.313*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0800-043-08R1-P	03046200	8,0 *0.315*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0810-049-10R1-P	03046201	8,1 *0.319*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0820-049-10R1-P	03046202	8,2 *0.323*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0830-049-10R1-P	03046203	8,3 *0.327*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0833-049-10R1-P	03046340	8,334 *0.328*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0840-049-10R1-P	03046204	8,4 *0.331*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0850-049-10R1-P	03046205	8,5 *0.335*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0860-049-10R1-P	03046206	8,6 *0.339*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0870-049-10R1-P	03046207	8,7 *0.343*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0873-049-10R1-P	03046341	8,731 *0.344*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0880-049-10R1-P	03046208	8,8 *0.346*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0890-049-10R1-P	03046209	8,9 *0.350*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0900-049-10R1-P	03046210	9,0 *0.354*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0910-049-10R1-P	03046211	9,1 *0.358*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0913-049-10R1-P	03046342	9,128 *0.359*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-0920-049-10R1-P	03046212	9,2 *0.362*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0930-049-10R1-P	03046213	9,3 *0.366*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0940-049-10R1-P	03046214	9,4 *0.370*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0950-049-10R1-P	03046215	9,5 *0.374*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0953-049-10R1-P	03046343	9,525 *0.375*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0955-049-10R1-P	03046216	9,55 *0.376*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0960-049-10R1-P	03046217	9,6 *0.378*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0970-049-10R1-P	03046218	9,7 *0.382*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0980-049-10R1-P	03046219	9,8 *0.386*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0990-049-10R1-P	03046220	9,9 *0.390*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0992-049-10R1-P	03046344	9,922 *0.391*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-1000-049-10R1-P	03046221	10,0 *0.394*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-1010-056-12R1-P	03046222	10,1 *0.398*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1020-056-12R1-P	03046223	10,2 *0.402*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1030-056-12R1-P	03046224	10,3 *0.406*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1032-056-12R1-P	03046345	10,319 *0.406*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1040-056-12R1-P	03046225	10,4 *0.409*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1050-056-12R1-P	03046226	10,5 *0.413*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1060-056-12R1-P	03046227	10,6 *0.417*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1070-056-12R1-P	03046228	10,7 *0.421*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1072-056-12R1-P	03046346	10,716 *0.422*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1080-056-12R1-P	03046229	10,8 *0.425*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1090-056-12R1-P	03046230	10,9 *0.429*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1100-056-12R1-P	03046231	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1110-056-12R1-P	03046232	11,1 *0.437*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1111-056-12R1-P	03046347	11,113 *0.438*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1120-056-12R1-P	03046233	11,2 *0.441*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1130-056-12R1-P	03046234	11,3 *0.445*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1140-056-12R1-P	03046235	11,4 *0.449*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1150-056-12R1-P	03046236	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1151-056-12R1-P	03046348	11,509 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1155-056-12R1-P	03046237	11,55 *0.455*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1160-056-12R1-P	03046238	11,6 *0.457*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1170-056-12R1-P	03046239	11,7 *0.461*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1180-056-12R1-P	03046240	11,8 *0.465*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-1190-056-12R1-P	03046241	11,9 *0.469*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1191-056-12R1-P	03046349	11,906 *0.469*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1200-056-12R1-P	03046242	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1210-060-14R1-P	03046243	12,1 *0.476*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1220-060-14R1-P	03046244	12,2 *0.480*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1225-060-14R1-P	03046245	12,25 *0.482*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1230-060-14R1-P	03138157	12,3 *0.484*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1240-060-14R1-P	03046246	12,4 *0.488*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1250-060-14R1-P	03046247	12,5 *0.492*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1260-060-14R1-P	03046248	12,6 *0.496*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1270-060-14R1-P	03120497	12,7 *0.500*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1275-060-14R1-P	03046249	12,75 *0.502*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1280-060-14R1-P	03046250	12,8 *0.504*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1290-060-14R1-P	03046251	12,9 *0.508*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1300-060-14R1-P	03046252	13,0 *0.512*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1310-060-14R1-P	03046253	13,1 *0.516*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1320-060-14R1-P	03046254	13,2 *0.520*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1330-060-14R1-P	03046255	13,3 *0.524*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1340-060-14R1-P	03046256	13,4 *0.528*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1349-060-14R1-P	03046350	13,494 *0.531*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1350-060-14R1-P	03046257	13,5 *0.531*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1355-060-14R1-P	03138158	13,55 *0.533*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1360-060-14R1-P	03046258	13,6 *0.535*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1370-060-14R1-P	03046259	13,7 *0.539*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1380-060-14R1-P	03046260	13,8 *0.543*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1389-060-14R1-P	03120498	13,891 *0.547*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1390-060-14R1-P	03046261	13,9 *0.547*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1400-060-14R1-P	03046262	14,0 *0.551*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1410-063-16R1-P	03046263	14,1 *0.555*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1420-063-16R1-P	03046264	14,2 *0.559*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1425-063-16R1-P	03138159	14,25 *0.561*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1429-063-16R1-P	03046351	14,288 *0.563*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1430-063-16R1-P	03046265	14,3 *0.563*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1440-063-16R1-P	03046266	14,4 *0.567*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1450-063-16R1-P	03046267	14,5 *0.571*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9

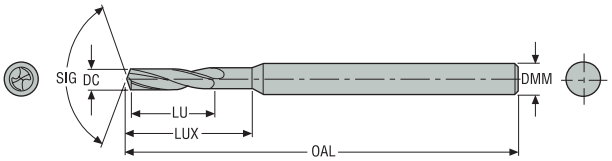
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-1460-063-16R1-P	03046268	14,6 *0.575*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1470-063-16R1-P	03046269	14,7 *0.579*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1475-063-16R1-P	03046270	14,75 *0.581*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1480-063-16R1-P	03046271	14,8 *0.583*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1490-063-16R1-P	03046272	14,9 *0.587*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1500-063-16R1-P	03046273	15,0 *0.591*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1510-063-16R1-P	03046274	15,1 *0.594*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1520-063-16R1-P	03046275	15,2 *0.598*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1525-063-16R1-P	03138160	15,25 *0.600*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1530-063-16R1-P	03046276	15,3 *0.602*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1540-063-16R1-P	03046277	15,4 *0.606*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1550-063-16R1-P	03046278	15,5 *0.610*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1560-063-16R1-P	03046280	15,6 *0.614*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1570-063-16R1-P	03046281	15,7 *0.618*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1580-063-16R1-P	03046282	15,8 *0.622*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1588-063-16R1-P	03046352	15,875 *0.625*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1590-063-16R1-P	03046283	15,9 *0.626*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1600-063-16R1-P	03046284	16,0 *0.630*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1610-071-18R1-P	03046285	16,1 *0.634*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1620-071-18R1-P	03046286	16,2 *0.638*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1625-071-18R1-P	03138161	16,25 *0.640*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1630-071-18R1-P	03046287	16,3 *0.642*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1640-071-18R1-P	03046288	16,4 *0.646*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1650-071-18R1-P	03046289	16,5 *0.650*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1660-071-18R1-P	03046290	16,6 *0.654*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1667-071-18R1-P	03120499	16,669 *0.656*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1670-071-18R1-P	03046291	16,7 *0.657*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1675-071-18R1-P	03046292	16,75 *0.659*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1680-071-18R1-P	03046293	16,8 *0.661*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1690-071-18R1-P	03046294	16,9 *0.665*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1700-071-18R1-P	03046296	17,0 *0.669*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1710-071-18R1-P	03046297	17,1 *0.673*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1720-071-18R1-P	03046298	17,2 *0.677*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1730-071-18R1-P	03046299	17,3 *0.681*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1740-071-18R1-P	03046300	17,4 *0.685*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-1746-071-18R1-P	03120500	17,463 *0.688*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1750-071-18R1-P	03046301	17,5 *0.689*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1760-071-18R1-P	03046302	17,6 *0.693*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1770-071-18R1-P	03046303	17,7 *0.697*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1780-071-18R1-P	03046304	17,8 *0.701*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1790-071-18R1-P	03046305	17,9 *0.705*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1800-071-18R1-P	03046306	18,0 *0.709*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1810-077-20R1-P	03046307	18,1 *0.713*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1820-077-20R1-P	03046308	18,2 *0.717*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1830-077-20R1-P	03046309	18,3 *0.720*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1840-077-20R1-P	03046310	18,4 *0.724*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1850-077-20R1-P	03046311	18,5 *0.728*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1860-077-20R1-P	03046312	18,6 *0.732*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1870-077-20R1-P	03046313	18,7 *0.736*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1880-077-20R1-P	03046314	18,8 *0.740*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1890-077-20R1-P	03046315	18,9 *0.744*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1900-077-20R1-P	03046316	19,0 *0.748*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1905-077-20R1-P	03046353	19,05 *0.750*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1910-077-20R1-P	03046317	19,1 *0.752*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1920-077-20R1-P	03046318	19,2 *0.756*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1930-077-20R1-P	03046319	19,3 *0.760*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1940-077-20R1-P	03046320	19,4 *0.764*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1950-077-20R1-P	03046321	19,5 *0.768*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1960-077-20R1-P	03046322	19,6 *0.772*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1970-077-20R1-P	03046323	19,7 *0.776*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1980-077-20R1-P	03046324	19,8 *0.780*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1990-077-20R1-P	03046325	19,9 *0.783*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-2000-077-20R1-P	03046326	20,0 *0.787*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9

SD206

Profondeur de perçage ~ 6 x D – Métrique/Pouces





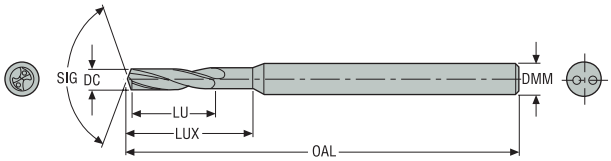
—Attachements cylindriques
—Arrosage externe
—Paramètres de coupe, voir page(s) 139

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD206-0.70-4.2-3R1	02731644	0,7 *0.028*	4,2 *0.165*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	140°	TiAlN	IT9
SD206-0.80-4.8-3R1	02731645	0,8 *0.031*	4,8 *0.189*	38,0 *1.496*	6,7 *0.264*	3,0 *0.118*	140°	TiAlN	IT9
SD206-0.90-5.4-3R1	02731646	0,9 *0.035*	5,4 *0.213*	38,0 *1.496*	7,8 *0.307*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.00-6.0-3R1	02731647	1,0 *0.039*	6,0 *0.236*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.10-6.6-3R1	02731648	1,1 *0.043*	6,6 *0.260*	38,0 *1.496*	8,6 *0.339*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.20-7.2-3R1	02731649	1,2 *0.047*	7,2 *0.283*	38,0 *1.496*	9,2 *0.362*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.30-7.8-3R1	02731650	1,3 *0.051*	7,8 *0.307*	38,0 *1.496*	9,8 *0.386*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.40-8.4-3R1	02731651	1,4 *0.055*	8,4 *0.331*	38,0 *1.496*	10,4 *0.409*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.50-9.0-3R1	02731652	1,5 *0.059*	9,0 *0.354*	38,0 *1.496*	11,0 *0.433*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.60-9.6-3R1	02731653	1,6 *0.063*	9,6 *0.378*	38,0 *1.496*	11,6 *0.457*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.70-10.2-3R1	02731654	1,7 *0.067*	10,2 *0.402*	38,0 *1.496*	12,2 *0.480*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.80-10.8-3R1	02731655	1,8 *0.071*	10,8 *0.425*	38,0 *1.496*	12,8 *0.504*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.90-11.4-3R1	02731656	1,9 *0.075*	11,4 *0.449*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	140°	TiAlN	IT9
SD206-2.00-12.0-3R1	02731657	2,0 *0.079*	12,0 *0.472*	50,0 *1.969*	14,0 *0.551*	3,0 *0.118*	140°	TiAlN	IT9

SD206A

Profondeur de perçage ~ 6 x D – Métrique/Pouces





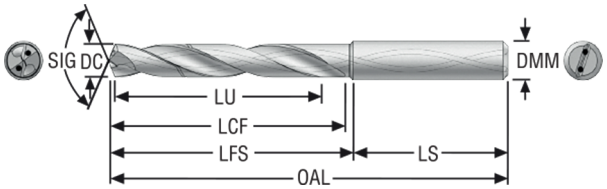
—Attachements cylindriques
—Arrosage interne
—Paramètres de coupe, voir page(s) 140

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD206A-1.00-6.0-3R1	02731658	1,0 *0.039*	6,0 *0.236*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.10-6.6-3R1	02731659	1,1 *0.043*	6,6 *0.260*	38,0 *1.496*	8,6 *0.339*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.20-7.2-3R1	02731660	1,2 *0.047*	7,2 *0.283*	38,0 *1.496*	9,2 *0.362*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.30-7.8-3R1	02731661	1,3 *0.051*	7,8 *0.307*	38,0 *1.496*	9,8 *0.386*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.40-8.4-3R1	02731662	1,4 *0.055*	8,4 *0.331*	38,0 *1.496*	10,4 *0.409*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.50-9.0-3R1	02731663	1,5 *0.059*	9,0 *0.354*	38,0 *1.496*	11,0 *0.433*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.60-9.6-3R1	02731664	1,6 *0.063*	9,6 *0.378*	38,0 *1.496*	11,6 *0.457*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.70-10.2-3R1	02731665	1,7 *0.067*	10,2 *0.402*	38,0 *1.496*	12,2 *0.480*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.80-10.8-3R1	02731666	1,8 *0.071*	10,8 *0.425*	38,0 *1.496*	12,8 *0.504*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.90-11.4-3R1	02731667	1,9 *0.075*	11,4 *0.449*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-2.00-12.0-3R1	02731668	2,0 *0.079*	12,0 *0.472*	50,0 *1.969*	14,0 *0.551*	3,0 *0.118*	140°	TiAlN	IT9

SD207A-P

Profondeur de perçage ~ 7 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Arrosage interne
—Paramètres de coupe, voir page(s) 141
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD207A-0300-030-06R1-P	03046358	3,0 *0.118*	30,0 *1.181*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0330-030-06R1-P	03046359	3,3 *0.130*	30,0 *1.181*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0350-030-06R1-P	03046360	3,5 *0.138*	30,0 *1.181*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0400-037-06R1-P	03046361	4,0 *0.157*	37,0 *1.457*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	43,0 *1.693*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0450-037-06R1-P	03046412	4,5 *0.177*	37,0 *1.457*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	43,0 *1.693*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0480-045-06R1-P	03046413	4,8 *0.189*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0500-045-06R1-P	03046414	5,0 *0.197*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0520-045-06R1-P	03046362	5,2 *0.205*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0550-045-06R1-P	03046363	5,5 *0.217*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0580-045-06R1-P	03046407	5,8 *0.228*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0600-045-06R1-P	03046364	6,0 *0.236*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0635-057-08R1-P	03046365	6,35 *0.250*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0650-057-08R1-P	03046366	6,5 *0.256*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0680-057-08R1-P	03046367	6,8 *0.268*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0690-057-08R1-P	03046368	6,9 *0.272*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0700-057-08R1-P	03046369	7,0 *0.276*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0750-057-08R1-P	03046370	7,5 *0.295*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	72,0 *2.835*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0780-057-08R1-P	03046371	7,8 *0.307*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	72,0 *2.835*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0800-057-08R1-P	03046372	8,0 *0.315*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	72,0 *2.835*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0850-062-10R1-P	03046373	8,5 *0.335*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0860-062-10R1-P	03046374	8,6 *0.339*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0870-062-10R1-P	03046411	8,7 *0.343*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0880-062-10R1-P	03046408	8,8 *0.346*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0900-062-10R1-P	03046375	9,0 *0.354*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0950-062-10R1-P	03046376	9,5 *0.374*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9

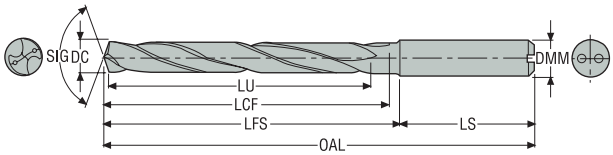
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD207A-0953-062-10R1-P	03046377	9,525 *0.375*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0975-062-10R1-P	03046402	9,75 *0.384*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0980-062-10R1-P	03046403	9,8 *0.386*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-1000-062-10R1-P	03046378	10,0 *0.394*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-1020-072-12R1-P	03046379	10,2 *0.402*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1040-072-12R1-P	03046401	10,4 *0.409*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1050-072-12R1-P	03046380	10,5 *0.413*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1080-072-12R1-P	03046404	10,8 *0.425*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1100-072-12R1-P	03046381	11,0 *0.433*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1150-072-12R1-P	03046382	11,5 *0.453*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1180-072-12R1-P	03046405	11,8 *0.465*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1200-072-12R1-P	03046383	12,0 *0.472*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1225-083-14R1-P	03046415	12,25 *0.482*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1250-083-14R1-P	03046384	12,5 *0.492*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1270-083-14R1-P	03046385	12,7 *0.500*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1280-083-14R1-P	03046416	12,8 *0.504*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1300-083-14R1-P	03046386	13,0 *0.512*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1350-083-14R1-P	03046387	13,5 *0.531*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1380-083-14R1-P	03046409	13,8 *0.543*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1400-083-14R1-P	03046388	14,0 *0.551*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1425-092-16R1-P	03046417	14,25 *0.561*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1450-092-16R1-P	03046389	14,5 *0.571*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1480-092-16R1-P	03046418	14,8 *0.583*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1500-092-16R1-P	03046390	15,0 *0.591*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1550-092-16R1-P	03046391	15,5 *0.610*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1580-092-16R1-P	03046410	15,8 *0.622*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1600-092-16R1-P	03046392	16,0 *0.630*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1650-103-18R1-P	03046393	16,5 *0.650*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1680-103-18R1-P	03046419	16,8 *0.661*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1700-103-18R1-P	03046394	17,0 *0.669*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1750-103-18R1-P	03046395	17,5 *0.689*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1780-103-18R1-P	03046420	17,8 *0.701*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1800-103-18R1-P	03046396	18,0 *0.709*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1850-112-20R1-P	03046397	18,5 *0.728*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9
SD207A-1880-112-20R1-P	03046421	18,8 *0.740*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD207A-1900-112-20R1-P	03046398	19,0 *0.748*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9
SD207A-1905-112-20R1-P	03046399	19,05 *0.750*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9
SD207A-1980-112-20R1-P	03046406	19,8 *0.780*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9
SD207A-2000-112-20R1-P	03046400	20,0 *0.787*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9

SD216A

Profondeur de perçage ~ 16 x D – Métrique/Pouces





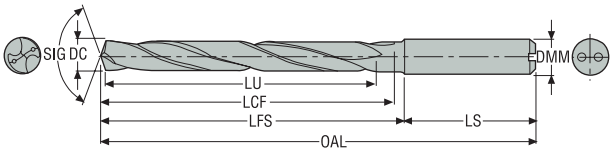
—Attachement cylindrique DIN 6537A
—Arrosage interne
—Paramètres de coupe, voir page(s) 142
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD216A-3.0-50-4R1	02712383	3,0 *0.118*	50,0 *1.969*	88,0 *3.465*	61,0 *2.402*	27,0 *1.063*	56,0 *2.205*	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD216A-3.5-60-4R1	02712384	3,5 *0.138*	60,0 *2.362*	99,0 *3.898*	72,0 *2.835*	27,0 *1.063*	67,0 *2.638*	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD216A-4.0-60-4R1	02712385	4,0 *0.157*	60,0 *2.362*	99,0 *3.898*	72,0 *2.835*	27,0 *1.063*	67,0 *2.638*	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD216A-4.5-70-6R1	02712386	4,5 *0.177*	70,0 *2.756*	117,0 *4.606*	81,0 *3.189*	36,0 *1.417*	79,0 *3.110*	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD216A-5.0-90-6R1	02637529	5,0 *0.197*	90,0 *3.543*	142,0 *5.591*	106,0 *4.173*	36,0 *1.417*	103,0 *4.055*	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD216A-5.5-90-6R1	02637530	5,5 *0.217*	90,0 *3.543*	142,0 *5.591*	106,0 *4.173*	36,0 *1.417*	103,0 *4.055*	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD216A-6.0-90-6R1	02637531	6,0 *0.236*	90,0 *3.543*	142,0 *5.591*	106,0 *4.173*	36,0 *1.417*	103,0 *4.055*	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD216A-6.35-120-8R1	02656536	6,35 *0.250*	120,0 *4.724*	177,0 *6.969*	141,0 *5.551*	36,0 *1.417*	137,0 *5.394*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD216A-6.5-120-8R1	02637532	6,5 *0.256*	120,0 *4.724*	177,0 *6.969*	141,0 *5.551*	36,0 *1.417*	137,0 *5.394*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD216A-7.0-120-8R1	02637533	7,0 *0.276*	120,0 *4.724*	177,0 *6.969*	141,0 *5.551*	36,0 *1.417*	137,0 *5.394*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD216A-7.5-120-8R1	02637534	7,5 *0.295*	120,0 *4.724*	177,0 *6.969*	141,0 *5.551*	36,0 *1.417*	137,0 *5.394*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD216A-8.0-120-8R1	02637536	8,0 *0.315*	120,0 *4.724*	177,0 *6.969*	141,0 *5.551*	36,0 *1.417*	137,0 *5.394*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD216A-8.5-150-10R1	02637539	8,5 *0.335*	150,0 *5.906*	216,0 *8.504*	176,0 *6.929*	40,0 *1.575*	172,0 *6.772*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD216A-9.0-150-10R1	02637540	9,0 *0.354*	150,0 *5.906*	216,0 *8.504*	176,0 *6.929*	40,0 *1.575*	172,0 *6.772*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD216A-9.5-150-10R1	02637541	9,5 *0.374*	150,0 *5.906*	216,0 *8.504*	176,0 *6.929*	40,0 *1.575*	172,0 *6.772*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD216A-9.52-150-10R1	02656537	9,52 *0.375*	150,0 *5.906*	216,0 *8.504*	176,0 *6.929*	40,0 *1.575*	172,0 *6.772*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD216A-10.0-150-10R1	02637542	10,0 *0.394*	150,0 *5.906*	216,0 *8.504*	176,0 *6.929*	40,0 *1.575*	172,0 *6.772*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD216A-10.5-180-12R1	02637543	10,5 *0.413*	180,0 *7.087*	256,0 *10.079*	211,0 *8.307*	45,0 *1.772*	207,0 *8.150*	12,0 *0.472*	136°	TiAlN + TiN	IT9
SD216A-11.0-180-12R1	02637544	11,0 *0.433*	180,0 *7.087*	256,0 *10.079*	211,0 *8.307*	45,0 *1.772*	207,0 *8.150*	12,0 *0.472*	136°	TiAlN + TiN	IT9
SD216A-11.5-180-12R1	02637545	11,5 *0.453*	180,0 *7.087*	256,0 *10.079*	211,0 *8.307*	45,0 *1.772*	207,0 *8.150*	12,0 *0.472*	136°	TiAlN + TiN	IT9
SD216A-12.0-180-12R1	02637546	12,0 *0.472*	180,0 *7.087*	256,0 *10.079*	211,0 *8.307*	45,0 *1.772*	207,0 *8.150*	12,0 *0.472*	136°	TiAlN + TiN	IT9

SD230A

Profondeur de perçage ~ 30 x D – Métrique/Pouces





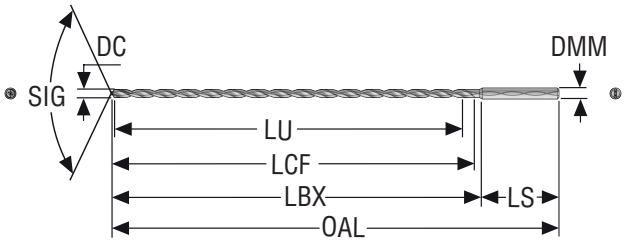
—Attachement cylindrique DIN 6537A
—Arrosage interne
—Paramètres de coupe, voir page(s) 143
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD230A-4.0-112-4R1	02712361	4,0 *0.157*	112,0 *4.409*	151,0 *5.945*	124,0 *4.882*	27,0 *1.063*	119,0 *4.685*	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD230A-4.5-135-6R1	02712362	4,5 *0.177*	135,0 *5.315*	185,0 *7.283*	149,0 *5.866*	36,0 *1.417*	145,0 *5.709*	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD230A-5.0-170-6R1	02712363	5,0 *0.197*	170,0 *6.693*	220,0 *8.661*	184,0 *7.244*	36,0 *1.417*	180,0 *7.087*	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD230A-5.5-170-6R1	02712364	5,5 *0.217*	170,0 *6.693*	220,0 *8.661*	184,0 *7.244*	36,0 *1.417*	180,0 *7.087*	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD230A-6.0-170-6R1	02712365	6,0 *0.236*	170,0 *6.693*	220,0 *8.661*	184,0 *7.244*	36,0 *1.417*	180,0 *7.087*	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD230A-02500-886-0315R1	02712366	6,35 *0.250*	225,0 *8.858*	279,0 *10.984*	243,0 *9.567*	36,0 *1.417*	239,0 *9.409*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD230A-6.5-225-8R1	02712367	6,5 *0.256*	225,0 *8.858*	279,0 *10.984*	243,0 *9.567*	36,0 *1.417*	239,0 *9.409*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD230A-7.0-225-8R1	02712370	7,0 *0.276*	225,0 *8.858*	279,0 *10.984*	243,0 *9.567*	36,0 *1.417*	239,0 *9.409*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD230A-7.5-225-8R1	02712371	7,5 *0.295*	225,0 *8.858*	279,0 *10.984*	243,0 *9.567*	36,0 *1.417*	239,0 *9.409*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD230A-03125-886-0315R1	02712374	7,938 *0.313*	225,0 *8.858*	279,0 *10.984*	243,0 *9.567*	36,0 *1.417*	239,0 *9.409*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD230A-8.0-225-8R1	02712376	8,0 *0.315*	225,0 *8.858*	279,0 *10.984*	243,0 *9.567*	36,0 *1.417*	239,0 *9.409*	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD230A-8.5-285-10R1	02712378	8,5 *0.335*	285,0 *11.220*	346,0 *13.622*	306,0 *12.047*	40,0 *1.575*	302,0 *11.890*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD230A-9.0-285-10R1	02712379	9,0 *0.354*	285,0 *11.220*	346,0 *13.622*	306,0 *12.047*	40,0 *1.575*	302,0 *11.890*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD230A-9.5-285-10R1	02712380	9,5 *0.374*	285,0 *11.220*	346,0 *13.622*	306,0 *12.047*	40,0 *1.575*	302,0 *11.890*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD230A-03750-1122-0394R1	02712381	9,525 *0.375*	285,0 *11.220*	346,0 *13.622*	306,0 *12.047*	40,0 *1.575*	302,0 *11.890*	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD230A-10.0-285-10R1	02712382	10,0 *0.394*	285,0 *11.220*	346,0 *13.622*	306,0 *12.047*	40,0 *1.575*	302,0 *11.890*	10,0 *0.394*	136°	TiAlN + TiN	IT9

SD2040A

Profondeur de perçage ~ 40 x D – Métrique/Pouces





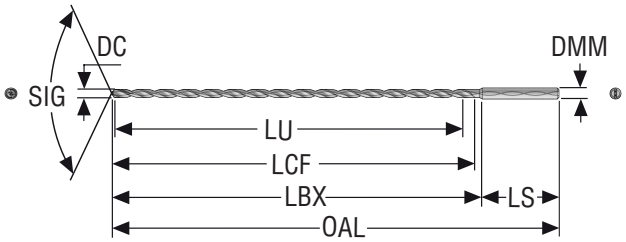
- Attachement cylindrique DIN 6537A
- Arrosage interne
- Paramètres de coupe, voir page(s) 144
- Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LCF	LB	OAL	LS	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD2040A-0300-120-04R1	10143441	3,0 *0.118*	120 *4.724*	128,0 –	130,0 *5.118*	157,0 *6.181*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9-10
SD2040A-0400-160-04R1	10143442	4,0 *0.157*	160 *6.299*	169,0 –	142,0 *5.591*	198,0 *7.795*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9-10
SD2040A-0450-180-06R1	10143443	4,5 *0.177*	180 *7.087*	190,0 –	202,0 *7.953*	238,0 *9.370*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9-10
SD2040A-0500-200-06R1	10143444	5,0 *0.197*	200 *7.874*	210,5 –	213,0 *8.386*	249,0 *9.803*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9-10
SD2040A-0600-240-06R1	10143445	6,0 *0.236*	240 *9.449*	252,0 –	254,0 *10.000*	290,0 *11.417*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9-10
SD2040A-0635-254-08R1	10143446	6,35 *0.250*	254 *10.000*	266,5 –	275,0 *10.827*	311,0 *12.244*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10
SD2040A-0650-260-08R1	10143447	6,5 *0.256*	260 *10.236*	273,0 –	275,0 *10.827*	311,0 *12.244*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10
SD2040A-0700-280-08R1	10143448	7,0 *0.276*	280 *11.024*	293,5 –	296,0 *11.654*	332,0 *13.071*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10
SD2040A-0750-300-08R1	10143449	7,5 *0.295*	300 *11.811*	314,0 –	316,0 *12.441*	352,0 *13.858*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10
SD2040A-0800-320-08R1	10143450	8,0 *0.315*	320 *12.598*	335,0 –	337,0 *13.268*	373,0 *14.685*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10

SD2050A

Profondeur de perçage ~ 50 x D – Métrique/Pouces





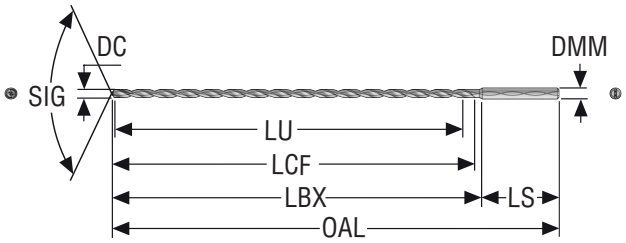
– Attachement cylindrique DIN 6537A
– Arrosage interne
– Paramètres de coupe, voir page(s) 144
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LCF	LB	OAL	LS	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD2050A-0300-150-04R1	10188284	3,0 *0.118*	150 *5.906*	157,5 –	161,0 *6.339*	188,0 *7.402*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9
SD2050A-0400-200-04R1	10188285	4,0 *0.157*	200 *7.874*	209,0 –	213,0 *8.386*	240,0 *9.449*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9
SD2050A-0450-225-06R1	10188286	4,5 *0.177*	225 *8.858*	234,75 –	252,0 *9.921*	288,0 *11.339*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9
SD2050A-0500-250-06R1	10188287	5,0 *0.197*	250 *9.843*	260,5 –	264,0 *10.394*	300,0 *11.811*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9
SD2050A-0600-300-06R1	10188288	6,0 *0.236*	300 *11.811*	312,0 –	316,0 *12.441*	352,0 *13.858*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9
SD2050A-0635-318-08R1	10188289	6,35 *0.250*	318 *12.520*	330,5 –	337,0 *13.268*	373,0 *14.685*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9

SD2060A

Profondeur de perçage ~ 60 x D – Métrique/Pouces





– Attachement cylindrique DIN 6537A
– Arrosage interne
– Paramètres de coupe, voir page(s) 144
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LCF	LB	OAL	LS	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD2060A-0300-180-04R1	10188290	3,0 *0.118*	180 *7.087*	187,5 –	191,0 *7.520*	218,0 *8.583*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9
SD2060A-0400-240-04R1	10188291	4,0 *0.157*	240 *9.449*	249,0 –	253,0 *9.961*	280,0 *11.024*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9
SD2060A-0450-270-06R1	10188292	4,5 *0.177*	270 *10.630*	280,0 –	283,0 *11.142*	319,0 *12.559*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9
SD2060A-0500-300-06R1	10188293	5,0 *0.197*	300 *11.811*	310,5 –	314,0 *12.362*	350,0 *13.780*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9



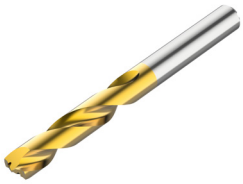
Feedmax™ SD245A

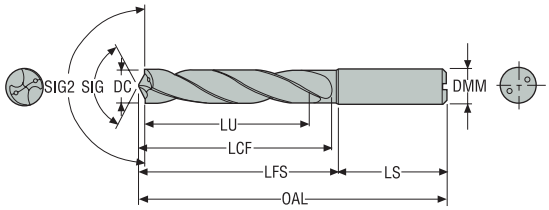
Les forets en carbure monobloc Seco Feedmax SD245A apportent des niveaux de stabilité élevés. Ils améliorent globalement les performances d'usinage pour les applications de perçage avec sorties irrégulières et interruptions par trous sécants. Les caractéristiques suivantes permettent à l'utilisateur d'obtenir une bonne géométrie de trou :

- Quatre listels
- Pointes auto-centrantes optimisées
- Revêtement TiAlN +TiN hautement résistant à l'usure
- Préparation de l'arête améliorée

SD245A

Profondeur de perçage ~ 5 x D – Métrique/Pouces





–Attachement cylindrique DIN 6537A
–Arrosage interne
–Paramètres de coupe, voir page(s) 145
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD245A-5.0-32-6R1	02691683	5,0 *0.197*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°/180°	TiAlN + TiN	IT8
SD245A-6.0-32-6R1	02691684	6,0 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°/180°	TiAlN + TiN	IT8
SD245A-02500-138-0315R1	02691686	6,35 *0.250*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-6.5-35-8R1	02691687	6,5 *0.256*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-02656-157-0315R1	02691688	6,747 *0.2656*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-6.8-40-8R1	02691689	6,8 *0.268*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-7.0-40-8R1	02691690	7,0 *0.276*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-02813-157-0315R1	02691691	7,144 *0.2813*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-7.5-40-8R1	02691692	7,5 *0.295*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-03125-165-0315R1	02691693	7,938 *0.3125*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-8.0-42-8R1	02691694	8,0 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-8.5-42-10R1	02691695	8,5 *0.335*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-9.0-45-10R1	02546059	9,0 *0.354*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-9.5-45-10R1	02691696	9,5 *0.374*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-03750-189-0394R1	02691697	9,525 *0.3750*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-10.0-48-10R1	02536888	10,0 *0.394*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-10.2-48-12R1	02691699	10,2 *0.402*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-04063-189-0472R1	02691700	10,319 *0.4063*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-10.5-48-12R1	02691701	10,5 *0.413*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-11.0-56-12R1	02561860	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-04375-221-0472R1	02691702	11,113 *0.4375*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-11.5-56-12R1	02691704	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-12.0-56-12R1	02691705	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-12.5-56-14R1	02691706	12,5 *0.492*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8
SD245A-0500-221-0551R1	02691707	12,7 *0.500*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD245A-13.0-56-14R1	02691708	13,0 *0.512*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8
SD245A-05312-232-0551R1	02691709	13,494 *0.5312*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8
SD245A-13.5-59-14R1	02691710	13,5 *0.5314*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8
SD245A-14.0-59-14R1	02691711	14,0 *0.551*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8



Feedmax™ SD265A

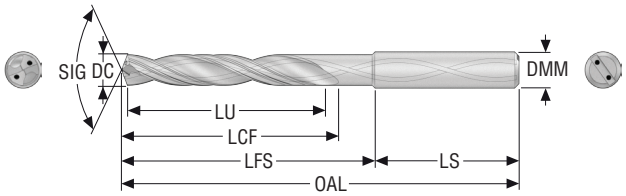
Les forets de haute précision IT 7 Seco Feedmax SD265A offrent une précision impeccable. En outre, un foret SD265A peut remplacer plusieurs outils et simplifier les tâches de perçage complexes. Les caractéristiques suivantes permettent à l'utilisateur de percer des trous en une seule passe :

- Géométrie de foret et une pointe auto-centrante optimisées
- Un total de 6 listels
- Des tolérances de fabrication strictes (±3 µ)
- Revêtement à faible friction TiAlN et une grande résistance à l'usure

SD265A

Profondeur de perçage ~ 5 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Arrosage interne
—Paramètres de coupe, voir page(s) 146
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD265A-6.006-32-6R1	02691714	6,006 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT7
SD265A-02497-138-0315R1	02722876	6,35 *0.250*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT7
SD265A-03122-165-0315R1	02722877	7,938 *0.313*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT7
SD265A-8.008-42-8R1	02691715	8,008 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT7
SD265A-03747-189-0394R1	02722878	9,525 *0.375*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT7
SD265A-10.008-48-10R1	02691716	10,008 *0.394*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT7
SD265A-12.009-56-12R1	02691717	12,009 *0.473*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT7
SD265A-04997-221-0551R1	02722879	12,7 *0.500*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT7
SD265A-14.009-59-14R1	02691718	14,009 *0.552*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT7
SD265A-16.009-62-16R1	02691719	16,009 *0.630*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT7



Feedmax™ – Forets à chanfrein

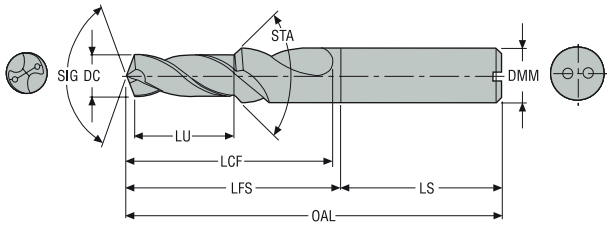
Les forets à chanfrein Feedmax™ de Seco combinent perçage et chanfreinage dans un processus unique afin de maximiser l'efficacité. La gamme standard en stock couvre les applications de pré-perçage pour des filets métriques standard communs de M4 à M16.

- La conception spéciale réduit le coût par trou et augmente la productivité
- Le revêtement spécial à faible friction fournit une dureté à chaud élevée et une excellente évacuation des copeaux
- La géométrie à centrage automatique off re une haute qualité de trou à l'aide d'un angle de chanfrein de 45 degrés (angle de 90 degrés inclus)

Forets à chanfreiner pour avant trou de taraudage M4 - M16

Métrique/Pouces





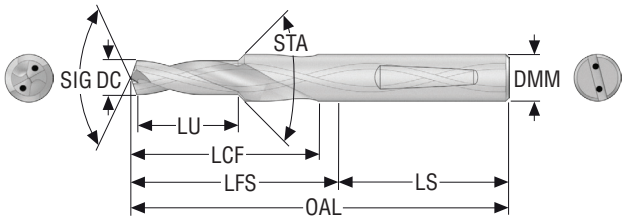
—Attachement cylindrique DIN 6537A
—Arrosage interne
—Revêtement : TiAlN + TiN
—Tolérance des trous : IT8-9
—Angle de chanfreinage = 90°
—Paramètres de coupe, voir page(s) 135, 136

Références	Numéro de produit	Type de taraud à fileter	Taille du taraud à fileter	DC	LU	OAL	LFS	LS	LCF	DMM
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*
SD203A-C45-3.3-11.4-6R1	02500320	Pas normal Filetage métrique	M4	3,3 *0.130*	11,4 *0.449*	66,0 *2.598*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*
SD203A-C45-3.4-11.4-6R1	02500323	Pas normal Filetage métrique	M4	3,4 *0.134*	11,4 *0.449*	66,0 *2.598*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*
SD203A-C45-4.2-13.6-6R1	02500324	Pas normal Filetage métrique	M5	4,2 *0.165*	13,6 *0.535*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*
SD203A-C45-4.3-13.6-6R1	02500325	Pas normal Filetage métrique	M5	4,3 *0.169*	13,6 *0.535*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*
SD203A-C45-5.0-16.5-8R1	02500326	Pas normal Filetage métrique	M6	5,0 *0.197*	16,5 *0.650*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	28,0 *1.102*	8,0 *0.315*
SD203A-C45-5.1-16.5-8R1	02500327	Pas normal Filetage métrique	M6	5,1 *0.201*	16,5 *0.650*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	28,0 *1.102*	8,0 *0.315*
SD203A-C45-6.8-21-10R1	02500328	Pas normal Filetage métrique	M8	6,8 *0.268*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-6.9-21-10R1	02500330	Pas normal Filetage métrique	M8	6,9 *0.272*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-7.0-21-10R1	02500331	Pas fin Filet métrique	M8x1.0	7,0 *0.276*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-8.5-25.5-12R1	02500333	Pas normal Filetage métrique	M10	8,5 *0.335*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-8.7-25.5-12R1	02500334	Pas normal Filetage métrique	M10	8,7 *0.343*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-9.0-25.5-12R1	02500340	Pas fin Filet métrique	M10x1.0	9,0 *0.354*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-10.2-30.0-14R1	02500342	Pas normal Filetage métrique	M12	10,2 *0.402*	30,0 *1.181*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-10.4-30.0-14R1	02500343	Pas normal Filetage métrique	M12	10,4 *0.409*	30,0 *1.181*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-10.5-30.0-14R1	02500344	Pas fin Filet métrique	M12x1.5	10,5 *0.413*	34,5 *1.358*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-12.0-34.5-16R1	02500346	Pas normal Filetage métrique	M14	12,0 *0.472*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-12.25-34.5-16R1	02500348	Pas normal Filetage métrique	M14	12,25 *0.482*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-12.5-34.5-16R1	02500349	Pas fin Filet métrique	M14x1.5	12,5 *0.492*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-14.0-38.5-18R1	02500350	Pas normal Filetage métrique	M16	14,0 *0.551*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*
SD203A-C45-14.25-38.5-18R1	02500354	Pas normal Filetage métrique	M16	14,25 *0.561*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*
SD203A-C45-14.5-38.5-18R1	02500356	Pas fin Filet métrique	M16x1.5	14,5 *0.571*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*

Forets à chanfreiner pour avant trou de taraudage M4 – M16

Métrique/Pouces



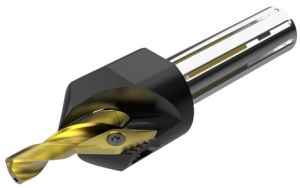


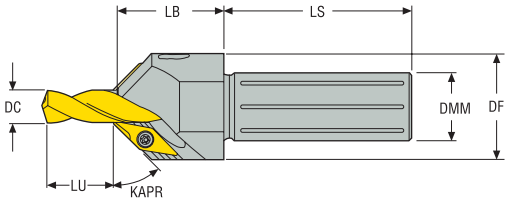
—Attachement Whistle Notch DIN6537B
—Arrosage interne
—Revêtement : TiAlN + TiN
—Tolérance des trous : IT8–9
—Angle de chanfreinage = 90°
—Paramètres de coupe, voir page(s) 135, 136

Références	Numéro de produit	Type de taraud à fileter	Taille du taraud à fileter	DC	LU	OAL	LFS	LS	LCF	DMM
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*
SD203A-C45-3.3-11.4-6R5	02500382	Pas normal Filetage métrique	M4	3,3 *0.130*	11,4 *0.449*	66,0 *2.598*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*
SD203A-C45-3.4-11.4-6R5	02500383	Pas normal Filetage métrique	M4	3,4 *0.134*	11,4 *0.449*	66,0 *2.598*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*
SD203A-C45-4.2-13.6-6R5	02500391	Pas normal Filetage métrique	M5	4,2 *0.165*	13,6 *0.535*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*
SD203A-C45-4.3-13.6-6R5	02500392	Pas normal Filetage métrique	M5	4,3 *0.169*	13,6 *0.535*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*
SD203A-C45-5.0-16.5-8R5	02500393	Pas normal Filetage métrique	M6	5,0 *0.197*	16,5 *0.650*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	28,0 *1.102*	8,0 *0.315*
SD203A-C45-5.1-16.5-8R5	02500394	Pas normal Filetage métrique	M6	5,1 *0.201*	16,5 *0.650*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	28,0 *1.102*	8,0 *0.315*
SD203A-C45-6.8-21.0-10R5	02500395	Pas normal Filetage métrique	M8	6,8 *0.268*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-6.9-21.0-10R5	02500396	Pas normal Filetage métrique	M8	6,9 *0.272*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-7.0-21.0-10R5	02500398	Pas fin Filet métrique	M8x1.0	7,0 *0.276*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-8.5-25.5-12R5	02500401	Pas normal Filetage métrique	M10	8,5 *0.335*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-8.7-25.5-12R5	02500403	Pas normal Filetage métrique	M10	8,7 *0.343*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-9.0-25.5-12R5	02500410	Pas fin Filet métrique	M10x1.0	9,0 *0.354*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-10.2-30.0-14R5	02500412	Pas normal Filetage métrique	M12	10,2 *0.402*	30,0 *1.181*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-10.4-30.0-14R5	02500414	Pas normal Filetage métrique	M12	10,4 *0.409*	30,0 *1.181*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-10.5-30.0-14R5	02500416	Pas fin Filet métrique	M12x1.5	10,5 *0.413*	34,5 *1.358*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-12.0-34.5-16R5	02500417	Pas normal Filetage métrique	M14	12,0 *0.472*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-12.25-34.5-16R5	02500418	Pas normal Filetage métrique	M14	12,25 *0.482*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-12.5-34.5-16R5	02500420	Pas fin Filet métrique	M14x1.5	12,5 *0.492*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-14.0-38.5-18R5	02500423	Pas normal Filetage métrique	M16	14,0 *0.551*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*
SD203A-C45-14.25-38.5-18R5	02500424	Pas normal Filetage métrique	M16	14,25 *0.561*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*
SD203A-C45-14.5-38.5-18R5	02500425	Pas fin Filet métrique	M16x1.5	14,5 *0.571*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*

Modules de chanfreinage à plaquettes

Métrique



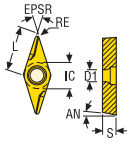


Références	Numéro de produit	DC	Prof. de perçage LU 3 x D (min-max)	Prof. de perçage LU 5 x D (min-max)	Prof. de perçage LU 7 x D (min-max)	Prof. de chanfrein max. (mm)	LB	DF	LS	DMM	KAPR°
		mm	mm	mm	mm	mm	mm	mm	mm	mm	
SD200-C45-6R1	02510275	4,01-6,1	4,0-17,0	10,0-27,0	30,0-45,0	2,8	25,0	21,0	41,0	12,0	45
SD200-C45-8R1	02510278	6,01-8,0	15,0-27,0	24,0-35,0	42,0-57,0	2,8	25,0	25,0	44,5	16,0	45
SD200-C45-10R1	02510280	8,01-10,0	17,0-31,0	34,0-48,0	47,0-62,0	2,8	25,0	25,0	44,5	16,0	45
SD200-C45-12R1	02510281	10,01-12,0	21,0-36,0	40,0-56,0	57,0-72,0	2,8	25,0	28,0	46,5	20,0	45
SD200-C45-14R1	02510283	12,01-14,0	22,0-37,0	43,0-59,0	68,0-83,0	2,8	25,0	30,0	46,5	20,0	45
SD200-C45-16R1	02510285	14,01-16,0	23,0-39,0	44,0-60,0	76,0-92,0	2,8	34,0	32,0	53,0	25,0	45

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Clé	Vis de plaquette	Clé de serrage	Vis de serrage	Cassette
					
	Plaquette	Plaquette	Module	Module	Module
4,00 - 16,00	T07P-2	C02205-T07P	H1.5-2D	SH3040	SD200-3X7.3

Plaquette



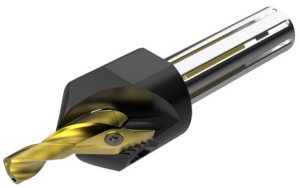
Tolérances : mm

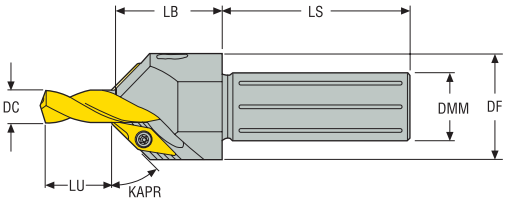
IC = ±0,025
S = ±0,07
RE = ±0,10

Taille	L mm	EPSR	RE mm	IC mm	D1 mm	AN	S mm
C45	9,000	45°	0,200	5,556	2,900	7°	2,500
Nuance: T400D							
Désignation: SD200-C45							
Numéro de produit: 02510325							

Modules de chanfreinage à plaquettes

Pouces



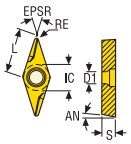


Désignation	Numéro de produit	DC	Prof. de perçage LU 3 x D (min-max)	Prof. de perçage LU 5 x D (min-max)	Prof. de perçage LU 7 x D (min-max)	Prof. de chanfrein max. (mm)	DF	LB	LS	DMM	KAPR°
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	
SD200-C45-6-500R1	02510287	0.158-0.240	0.157-0.669	0.394-1.063	1.181-1.772	0.110	0.827	0.984	1.614	0.500	45
SD200-C45-8-625R1	02510289	0.237-0.315	0.591-1.063	0.945-1.378	1.654-2.244	0.110	0.984	0.984	1.752	0.625	45
SD200-C45-10-625R1	02510291	0.315-0.394	0.669-1.220	1.339-1.890	1.850-2.441	0.110	0.984	0.984	1.752	0.625	45
SD200-C45-12-750R1	02510292	0.394-0.472	0.827-1.417	1.575-2.205	2.244-2.835	0.110	1.102	0.984	1.831	0.750	45
SD200-C45-14-750R1	02510293	0.473-0.551	0.866-1.457	1.693-2.323	2.677-3.268	0.110	1.181	0.984	1.831	0.750	45
SD200-C45-16-1000R1	02510295	0.552-0.630	0.906-1.535	1.732-2.362	2.992-3.622	0.110	1.260	1.339	2.087	1.000	45

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Clé	Vis de plaquette	Clé de serrage	Cassette
				
	Plaquette	Plaquette	Module	Module
0.158 - 0.630	T07P-2	C02205-T07P	H1.5-2D	SD200-3X7.3

Plaquette



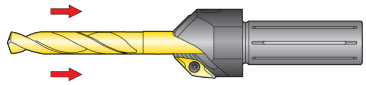
Tolérances : inch

IC = ±0.001
S = ±0.0027
RE = ±0.004

Taille	L inch	EPSR	RE inch	IC inch	D1 inch	AN	S inch
C45	**0.3543**	**45°**	**0.0078**	**0.2187**	**0.1141**	**7°**	**0.0984**
Nuance: T400D							
Désignation: SD200-C45							
Numéro de produit: 02510325							

Instructions de montage d'une bague à chanfreiner

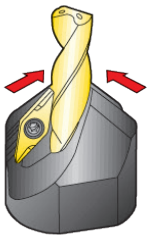
1.



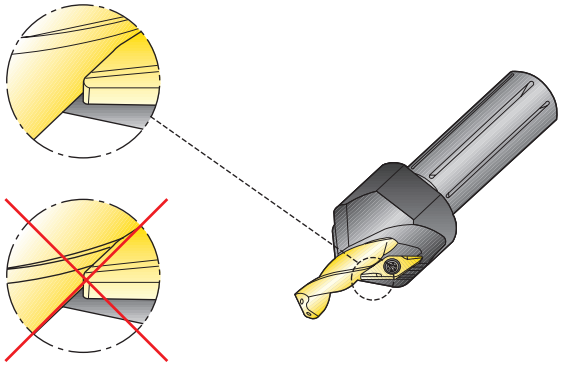
2.

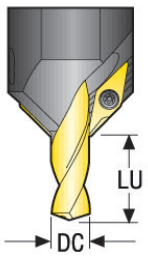


3.

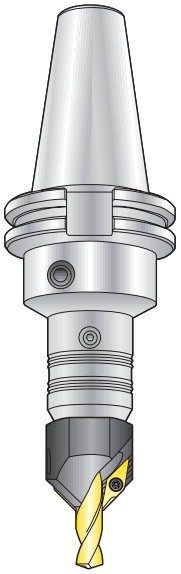


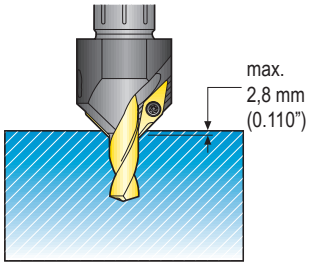
4.





Chanfrein : profondeur maximum





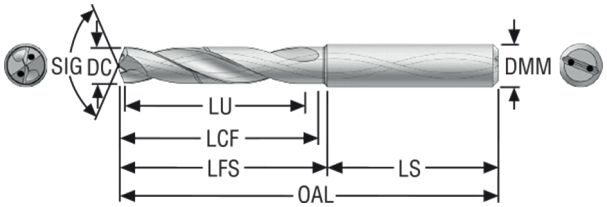
Diamètre du foret DC		Profondeur de perçage LU (min-max)					
		SD1103 / SD203A		SD1105 / SD205A		SD207A	
mm	*inch*	mm	*inch*	mm	*inch*	mm	*inch*
4,00-4,75	*.157-.187*	4-17	*.157-.669*	10-27	*.394-1.063*	30-45	*1.181-1.772*
4,76-6,00	*.187-.236*	6-20	*.236-.787*	18-32	*.709-1.260*	30-45	*1.181-1.772*
6,01-8,00	*.241-.315*	15-27	*.590-1.063*	28-42	*1.102-1.653*	42-57	*1.653-2.244*
8,01-10,00	*.315-.394*	17-31	*.669-1.220*	34-48	*1.338-1.890*	47-62	*1.850-2.441*
10,01-12,00	*.394-.472*	21-36	*.826-1.417*	40-56	*1.575-2.205*	57-72	*2.244-2.835*
12,01-14,00	*.473-.551*	22-37	*.866-1.457*	43-59	*1.693-2.323*	68-83	*2.677-3.268*
14,01-16,00	*.552-.630*	23-39	*.906-1.535*	44-60	*1.732-2.362*	76-92	*2.992-3.622*

Attachement cylindrique (R1) uniquement.

SD203A, -MS

Profondeur de perçage ~ 3 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe, voir page(s) 147-148
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-0200-007-04R1-MS	10004064	2,0 *0.079*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0210-007-04R1-MS	10004065	2,1 *0.083*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0220-007-04R1-MS	10004066	2,2 *0.087*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0230-008-04R1-MS	10004067	2,3 *0.091*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0240-008-04R1-MS	10004068	2,4 *0.094*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0250-008-04R1-MS	10004072	2,5 *0.098*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0260-008-04R1-MS	10004073	2,6 *0.102*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0270-009-04R1-MS	10004074	2,7 *0.106*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0278-009-04R1-MS	10004075	2,78 *0.109*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0290-009-04R1-MS	10004076	2,9 *0.114*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0300-014-06R1-MS	10004077	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0310-014-06R1-MS	10004078	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0320-014-06R1-MS	10004079	3,2 *0.126*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0330-014-06R1-MS	10004080	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0340-014-06R1-MS	10004081	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0350-015-06R1-MS	10004083	3,5 *0.138*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0357-015-06R1-MS	10004084	3,57 *0.141*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0370-015-06R1-MS	10004085	3,7 *0.146*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0380-017-06R1-MS	10004086	3,8 *0.150*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0390-017-06R1-MS	10004087	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0397-017-06R1-MS	10004088	3,97 *0.156*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0400-017-06R1-MS	10004089	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0410-017-06R1-MS	10004090	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0420-017-06R1-MS	10004091	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0430-018-06R1-MS	10004092	4,3 *0.169*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-0450-018-06R1-MS	10004093	4,5 *0.177*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0460-018-06R1-MS	10004094	4,6 *0.181*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0465-018-06R1-MS	10004095	4,65 *0.183*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0470-018-06R1-MS	10004096	4,7 *0.185*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0476-020-06R1-MS	10004097	4,76 *0.187*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0480-020-06R1-MS	10004098	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0490-020-06R1-MS	10004099	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0500-020-06R1-MS	10004101	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0510-020-06R1-MS	10004102	5,1 *0.201*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0516-020-06R1-MS	10004103	5,16 *0.203*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0520-020-06R1-MS	10004104	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0530-020-06R1-MS	10004105	5,3 *0.209*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0540-020-06R1-MS	10004106	5,4 *0.213*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0550-020-06R1-MS	10004107	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0556-020-06R1-MS	10004108	5,56 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0560-021-06R1-MS	10004109	5,6 *0.220*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0570-021-06R1-MS	10004110	5,7 *0.224*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0580-021-06R1-MS	10004111	5,8 *0.228*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0590-021-06R1-MS	10004112	5,9 *0.232*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0595-021-06R1-MS	10004113	5,95 *0.234*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0600-021-06R1-MS	10004114	6,0 *0.236*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0610-021-08R1-MS	10004115	6,1 *0.240*	21,0 *0.827*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0620-021-08R1-MS	10004116	6,2 *0.244*	21,0 *0.827*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0630-021-08R1-MS	10004117	6,3 *0.248*	21,0 *0.827*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0635-023-08R1-MS	10004121	6,35 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0650-023-08R1-MS	10004122	6,5 *0.256*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0660-023-08R1-MS	10004123	6,6 *0.260*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0675-025-08R1-MS	10004124	6,75 *0.266*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0680-025-08R1-MS	10004125	6,8 *0.268*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0690-025-08R1-MS	10004127	6,9 *0.272*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0700-025-08R1-MS	10004128	7,0 *0.276*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0710-025-08R1-MS	10004129	7,1 *0.280*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0714-025-08R1-MS	10004130	7,14 *0.281*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0720-025-08R1-MS	10004132	7,2 *0.283*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0730-025-08R1-MS	10004133	7,3 *0.287*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9

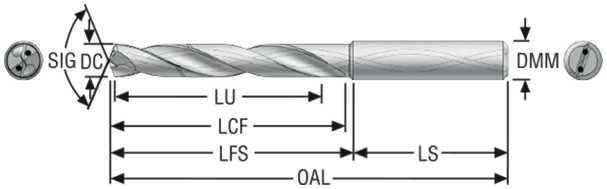
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-0740-025-08R1-MS	10004134	7,4 *0.291*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0750-025-08R1-MS	10004135	7,5 *0.295*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0760-027-08R1-MS	10004136	7,6 *0.299*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0780-027-08R1-MS	10004137	7,8 *0.307*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0794-027-08R1-MS	10004138	7,94 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0800-027-08R1-MS	10004139	8,0 *0.315*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0810-027-10R1-MS	10004140	8,1 *0.319*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0820-027-10R1-MS	10004141	8,2 *0.323*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0830-027-10R1-MS	10004143	8,3 *0.327*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0840-027-10R1-MS	10004144	8,4 *0.331*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0850-027-10R1-MS	10004146	8,5 *0.335*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0860-029-10R1-MS	10004147	8,6 *0.339*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0870-029-10R1-MS	10004148	8,7 *0.343*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0873-029-10R1-MS	10004149	8,73 *0.344*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0880-029-10R1-MS	10004150	8,8 *0.346*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0900-029-10R1-MS	10004151	9,0 *0.354*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0910-029-10R1-MS	10004153	9,1 *0.358*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0913-029-10R1-MS	10004154	9,13 *0.359*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0920-029-10R1-MS	10004156	9,2 *0.362*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0930-029-10R1-MS	10004157	9,3 *0.366*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0950-029-10R1-MS	10004158	9,5 *0.374*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0953-031-10R1-MS	10004160	9,53 *0.375*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0970-031-10R1-MS	10004161	9,7 *0.382*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0980-031-10R1-MS	10004162	9,8 *0.386*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0990-031-10R1-MS	10004163	9,9 *0.390*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0992-031-10R1-MS	10004164	9,92 *0.391*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-1000-031-10R1-MS	10004165	10,0 *0.394*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-1010-031-12R1-MS	10004166	10,1 *0.398*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1020-031-12R1-MS	10004167	10,2 *0.402*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1032-031-12R1-MS	10004168	10,32 *0.406*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1040-031-12R1-MS	10004169	10,4 *0.409*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1050-031-12R1-MS	10004170	10,5 *0.413*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1072-033-12R1-MS	10004171	10,72 *0.422*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1080-033-12R1-MS	10004172	10,8 *0.425*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1100-033-12R1-MS	10004173	11,0 *0.433*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-1111-033-12R1-MS	10004174	11,11 *0.437*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1120-033-12R1-MS	10004175	11,2 *0.441*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1150-033-12R1-MS	10004176	11,5 *0.453*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1180-033-12R1-MS	10004177	11,8 *0.465*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1191-036-12R1-MS	10004309	11,91 *0.469*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1200-036-12R1-MS	10004314	12,0 *0.472*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1210-036-14R1-MS	10004315	12,1 *0.476*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1250-036-14R1-MS	10004316	12,5 *0.492*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1270-036-14R1-MS	10004317	12,7 *0.500*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1300-036-14R1-MS	10004319	13,0 *0.512*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1310-036-14R1-MS	10004320	13,1 *0.516*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1350-037-14R1-MS	10004321	13,5 *0.531*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1400-037-14R1-MS	10004325	14,0 *0.551*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1420-037-16R1-MS	10004332	14,2 *0.559*	37,0 *1.457*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1425-038-16R1-MS	10004333	14,25 *0.561*	38,0 *1.496*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1470-038-16R1-MS	10004334	14,7 *0.579*	38,0 *1.496*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1500-040-16R1-MS	10004335	15,0 *0.591*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1525-040-16R1-MS	10004336	15,25 *0.600*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1550-040-16R1-MS	10004338	15,5 *0.610*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1588-040-16R1-MS	10004339	15,88 *0.625*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1600-040-16R1-MS	10004340	16,0 *0.630*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1650-045-18R1-MS	10004341	16,5 *0.650*	45,0 *1.772*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD203A-1700-045-18R1-MS	10004342	17,0 *0.669*	45,0 *1.772*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD203A-1750-045-18R1-MS	10004343	17,5 *0.689*	45,0 *1.772*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD203A-1800-045-18R1-MS	10004344	18,0 *0.709*	45,0 *1.772*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD203A-1850-050-20R1-MS	10004345	18,5 *0.728*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD203A-1900-050-20R1-MS	10004346	19,0 *0.748*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD203A-1905-050-20R1-MS	10004347	19,05 *0.750*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD203A-1950-050-20R1-MS	10004348	19,5 *0.768*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD203A-2000-050-20R1-MS	10004349	20,0 *0.787*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9

SD205A, -MS

Profondeur de perçage ~ 5 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe, voir page(s) 149-150
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-0200-012-04R1-MS	10004179	2,0 *0.079*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0210-012-04R1-MS	10004180	2,1 *0.083*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0220-012-04R1-MS	10004181	2,2 *0.087*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0230-012-04R1-MS	10004182	2,3 *0.091*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0240-013-04R1-MS	10004183	2,4 *0.094*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0250-013-04R1-MS	10004184	2,5 *0.098*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0260-013-04R1-MS	10004185	2,6 *0.102*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0270-013-04R1-MS	10004186	2,7 *0.106*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0280-013-04R1-MS	10004187	2,8 *0.110*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0300-021-06R1-MS	10004188	3,0 *0.118*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0310-021-06R1-MS	10004189	3,1 *0.122*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0318-021-06R1-MS	10004191	3,18 *0.125*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0330-021-06R1-MS	10004192	3,3 *0.130*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0340-021-06R1-MS	10004193	3,4 *0.134*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0350-021-06R1-MS	10004194	3,5 *0.138*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0360-027-06R1-MS	10004195	3,6 *0.142*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0380-027-06R1-MS	10004196	3,8 *0.150*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0390-027-06R1-MS	10004197	3,9 *0.154*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0400-027-06R1-MS	10004198	4,0 *0.157*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0410-027-06R1-MS	10004199	4,1 *0.161*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0420-027-06R1-MS	10004200	4,2 *0.165*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0430-027-06R1-MS	10004201	4,3 *0.169*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0450-027-06R1-MS	10004202	4,5 *0.177*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0460-027-06R1-MS	10004203	4,6 *0.181*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0465-027-06R1-MS	10004205	4,65 *0.183*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-0470-027-06R1-MS	10004206	4,7 *0.185*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0476-027-06R1-MS	10004208	4,76 *0.187*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0490-032-06R1-MS	10004209	4,9 *0.193*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0500-032-06R1-MS	10004211	5,0 *0.197*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0510-032-06R1-MS	10004212	5,1 *0.201*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0516-032-06R1-MS	10004213	5,16 *0.203*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0520-032-06R1-MS	10004214	5,2 *0.205*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0550-032-06R1-MS	10004215	5,5 *0.217*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0556-032-06R1-MS	10004216	5,56 *0.219*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0560-032-06R1-MS	10004218	5,6 *0.220*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0580-032-06R1-MS	10004219	5,8 *0.228*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0590-032-06R1-MS	10004220	5,9 *0.232*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0595-032-06R1-MS	10004221	5,95 *0.234*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0600-032-06R1-MS	10004222	6,0 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0620-035-08R1-MS	10004224	6,2 *0.244*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0630-035-08R1-MS	10004225	6,3 *0.248*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0635-035-08R1-MS	10004226	6,35 *0.250*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0640-035-08R1-MS	10004227	6,4 *0.252*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0650-035-08R1-MS	10004228	6,5 *0.256*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0660-035-08R1-MS	10004229	6,6 *0.260*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0670-035-08R1-MS	10004231	6,7 *0.264*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0680-040-08R1-MS	10004234	6,8 *0.268*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0690-040-08R1-MS	10004235	6,9 *0.272*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0700-040-08R1-MS	10004236	7,0 *0.276*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0710-040-08R1-MS	10004237	7,1 *0.280*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0714-040-08R1-MS	10004238	7,14 *0.281*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0720-040-08R1-MS	10004239	7,2 *0.283*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0750-040-08R1-MS	10004240	7,5 *0.295*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0780-042-08R1-MS	10004241	7,8 *0.307*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0794-042-08R1-MS	10004243	7,94 *0.313*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0800-042-08R1-MS	10004245	8,0 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0810-042-10R1-MS	10004246	8,1 *0.319*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0820-042-10R1-MS	10004247	8,2 *0.323*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0840-042-10R1-MS	10004250	8,4 *0.331*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0850-042-10R1-MS	10004251	8,5 *0.335*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9

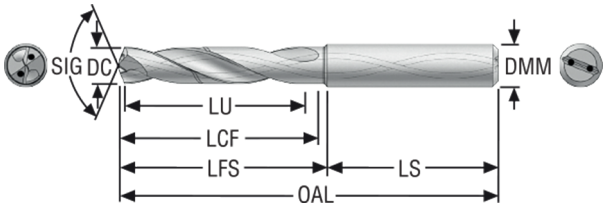
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-0870-045-10R1-MS	10004252	8,7 *0.343*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0880-045-10R1-MS	10004255	8,8 *0.346*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0900-045-10R1-MS	10004256	9,0 *0.354*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0910-045-10R1-MS	10004257	9,1 *0.358*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0950-045-10R1-MS	10004258	9,5 *0.374*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0953-048-10R1-MS	10004259	9,53 *0.375*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0980-048-10R1-MS	10004266	9,8 *0.386*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0992-048-10R1-MS	10004269	9,92 *0.391*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-1000-048-10R1-MS	10004270	10,0 *0.394*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-1020-048-12R1-MS	10004272	10,2 *0.402*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1030-048-12R1-MS	10004273	10,3 *0.406*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1050-048-12R1-MS	10004274	10,5 *0.413*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1070-056-12R1-MS	10004275	10,7 *0.421*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1080-056-12R1-MS	10004276	10,8 *0.425*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1100-056-12R1-MS	10004277	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1111-056-12R1-MS	10004278	11,11 *0.437*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1130-056-12R1-MS	10004279	11,3 *0.445*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1150-056-12R1-MS	10004280	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1180-056-12R1-MS	10004281	11,8 *0.465*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1200-056-12R1-MS	10004282	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1220-056-14R1-MS	10004283	12,2 *0.480*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1250-056-14R1-MS	10004284	12,5 *0.492*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1270-056-14R1-MS	10004285	12,7 *0.500*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1300-056-14R1-MS	10004286	13,0 *0.512*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1310-056-14R1-MS	10004287	13,1 *0.516*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1350-059-14R1-MS	10004288	13,5 *0.531*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1400-059-14R1-MS	10004290	14,0 *0.551*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1420-060-16R1-MS	10004291	14,2 *0.559*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1425-060-16R1-MS	10004292	14,25 *0.561*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1450-060-16R1-MS	10004293	14,5 *0.571*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1500-060-16R1-MS	10004295	15,0 *0.591*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1550-062-16R1-MS	10004296	15,5 *0.610*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1580-062-16R1-MS	10004297	15,8 *0.622*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1600-062-16R1-MS	10004298	16,0 *0.630*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1650-071-18R1-MS	10004299	16,5 *0.650*	64,0 *2.520*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-1700-071-18R1-MS	10004300	17,0 *0.669*	64,0 *2.520*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD205A-1750-071-18R1-MS	10004301	17,5 *0.689*	66,0 *2.598*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD205A-1800-071-18R1-MS	10004302	18,0 *0.709*	66,0 *2.598*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD205A-1850-077-20R1-MS	10004303	18,5 *0.728*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD205A-1900-077-20R1-MS	10004304	19,0 *0.748*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD205A-1930-077-20R1-MS	10004305	19,3 *0.760*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD205A-1950-077-20R1-MS	10004306	19,5 *0.768*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD205A-2000-077-20R1-MS	10004307	20,0 *0.787*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9

SD203A, -M

Profondeur de perçage ~ 3 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe, voir page(s) 151-152
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-3.0-14-6R1-M	02569995	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.1-14-6R1-M	02570998	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.3-14-6R1-M	02555958	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.4-14-6R1-M	02570984	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.5-15-6R1-M	02533784	3,5 *0.138*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.9-17-6R1-M	02570988	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.0-17-6R1-M	02539902	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.2-17-6R1-M	02555959	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.3-18-6R1-M	02533700	4,3 *0.169*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.5-18-6R1-M	02570993	4,5 *0.177*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-01875-079-0236R1-M	02450103	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.8-20-6R1-M	02570982	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.9-20-6R1-M	02592709	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-5.0-20-6R1-M	02450075	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-5.5-21-6R1-M	02544249	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-02188-083-0236R1-M	02450104	5,558 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-5.6-21-6R1-M	02544028	5,6 *0.220*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-5.9-21-6R1-M	02515290	5,9 *0.232*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-6.0-21-6R1-M	02450076	6,0 *0.236*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-02500-091-0315R1-M	02450105	6,35 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-6.5-23-8R1-M	02450077	6,5 *0.256*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-6.6-23-8R1-M	02450078	6,6 *0.260*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-02656-098-0315R1-M	02450106	6,746 *0.266*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-6.8-25-8R1-M	02450079	6,8 *0.268*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-6.9-25-8R1-M	02450080	6,9 *0.272*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9

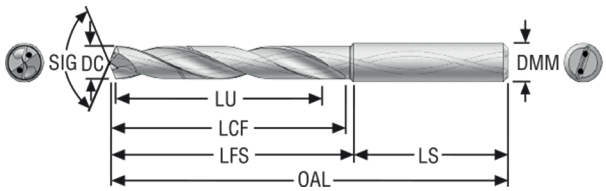
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-7.0-25-8R1-M	02450081	7,0 *0.276*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-02813-098-0315R1-M	02450107	7,145 *0.281*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.2-25-8R1-M	02537185	7,2 *0.283*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.3-25-8R1-M	02530109	7,3 *0.287*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.5-25-8R1-M	02450082	7,5 *0.295*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.6-27-8R1-M	02545197	7,6 *0.299*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.8-27-8R1-M	02450083	7,8 *0.307*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-03125-106-0315R1-M	02450108	7,938 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-8.0-27-8R1-M	02450084	8,0 *0.315*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-8.5-27-10R1-M	02450085	8,5 *0.335*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-03438-114-0394R1-M	02450109	8,733 *0.344*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-8.8-29-10R1-M	02450086	8,8 *0.346*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.0-29-10R1-M	02450087	9,0 *0.354*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-03594-114-0394R1-M	02450110	9,129 *0.359*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.2-29-10R1-M	02546516	9,2 *0.362*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.3-29-10R1-M	02582375	9,3 *0.366*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.5-29-10R1-M	02450088	9,5 *0.374*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-03750-122-0394R1-M	02450111	9,525 *0.375*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.8-31-10R1-M	02450089	9,8 *0.386*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.9-31-10R1-M	02515293	9,9 *0.390*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-10.0-31-10R1-M	02450090	10,0 *0.394*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-10.2-31-12R1-M	02450091	10,2 *0.402*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-04063-122-0472R1-M	02450112	10,32 *0.406*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-10.4-31-12R1-M	02535267	10,4 *0.409*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-10.5-31-12R1-M	02450092	10,5 *0.413*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-04219-130-0472R1-M	02450113	10,716 *0.422*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-10.8-33-12R1-M	02450093	10,8 *0.425*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-11.0-33-12R1-M	02450094	11,0 *0.433*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-04375-130-0472R1-M	02450114	11,113 *0.438*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-11.5-33-12R1-M	02450095	11,5 *0.453*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-11.8-33-12R1-M	02450096	11,8 *0.465*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-04688-142-0472R1-M	02592711	11,908 *0.469*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-12.0-36-12R1-M	02450097	12,0 *0.472*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-12.25-36-14R1-M	02592712	12,25 *0.482*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-12.3-36-14R1-M	02450098	12,3 *0.484*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-12.5-36-14R1-M	02450099	12,5 *0.492*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-05000-142-0551R1-M	02450115	12,7 *0.500*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-12.9-36-14R1-M	02538263	12,9 *0.508*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-13.0-36-14R1-M	02450100	13,0 *0.512*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-13.5-37-14R1-M	02450101	13,5 *0.531*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-14.0-37-14R1-M	02450102	14,0 *0.551*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-14.25-38-16R1-M	02592715	14,25 *0.561*	38,0 *1.496*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9

SD205A, -M

Profondeur de perçage ~ 5 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe, voir page(s) 153- 154
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-2.5-13-4R1-M	02666989	2,5 *0.098*	13,0 *0.512*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN + TiN	IT8-9
SD205A-3.0-21-6R1-M	02556426	3,0 *0.118*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.1-21-6R1-M	02642448	3,1 *0.122*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.18-21-6R1-M	02541863	3,18 *0.125*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.3-21-6R1-M	02555960	3,3 *0.130*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.4-21-6R1-M	02554264	3,4 *0.134*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.5-21-6R1-M	02533780	3,5 *0.138*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.0-27-6R1-M	02508340	4,0 *0.157*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.2-27-6R1-M	02502549	4,2 *0.165*	27,0 *1.063*	74,0 *2.913*	40,0 *1.575*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.3-27-6R1-M	02592718	4,3 *0.169*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.5-27-6R1-M	02563659	4,5 *0.177*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.7-27-6R1-M	02604031	4,7 *0.185*	27,0 *1.063*	74,0 *2.913*	40,0 *1.575*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-01875-126-0236R1-M	02450062	4,763 *0.188*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.9-32-6R1-M	02592720	4,9 *0.193*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.0-32-6R1-M	02450034	5,0 *0.197*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.1-32-6R1-M	02600034	5,1 *0.201*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.2-32-6R1-M	02504408	5,2 *0.205*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.5-32-6R1-M	02537341	5,5 *0.217*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-02188-126-0236R1-M	02450063	5,558 *0.219*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.6-32-6R1-M	02612445	5,6 *0.220*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.9-32-6R1-M	02539334	5,9 *0.232*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-6.0-32-6R1-M	02450035	6,0 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-6.2-35-8R1-M	02547543	6,2 *0.244*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-02500-138-0315R1-M	02450064	6,35 *0.250*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-6.4-35-8R1-M	02666488	6,4 *0.252*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9

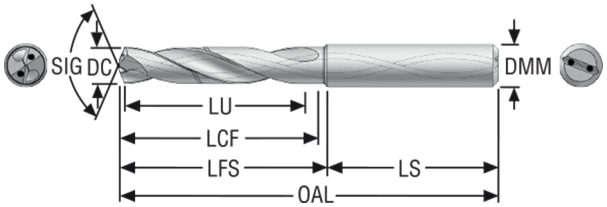
Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-6.5-35-8R1-M	02450036	6,5 *0.256*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-6.6-35-8R1-M	02450037	6,6 *0.260*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-6.8-40-8R1-M	02450038	6,8 *0.268*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-6.9-40-8R1-M	02450039	6,9 *0.272*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-02813-157-0315R1-M	02450066	7,145 *0.281*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-7.2-40-8R1-M	02519059	7,2 *0.283*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-7.5-40-8R1-M	02450041	7,5 *0.295*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-7.8-42-8R1-M	02450042	7,8 *0.307*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-03125-165-0315R1-M	02450067	7,938 *0.313*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-8.0-42-8R1-M	02450043	8,0 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-8.1-42-10R1-M	02672327	8,1 *0.319*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-8.4-42-10R1-M	02570977	8,4 *0.331*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-8.5-42-10R1-M	02450044	8,5 *0.335*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-8.8-45-10R1-M	02450045	8,8 *0.346*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-9.0-45-10R1-M	02450046	9,0 *0.354*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-9.2-45-10R1-M	02516406	9,2 *0.362*	45,0 *1.772*	103,0 *4.055*	42,0 *1.654*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-9.5-45-10R1-M	02450047	9,5 *0.374*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-03750-189-0394R1-M	02450070	9,525 *0.375*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-9.8-48-10R1-M	02450048	9,8 *0.386*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-10.0-48-10R1-M	02450049	10,0 *0.394*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-10.2-48-12R1-M	02450050	10,2 *0.402*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-10.5-48-12R1-M	02450051	10,5 *0.413*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-10.8-56-12R1-M	02450052	10,8 *0.425*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-10.9-56-12R1-M	02592725	10,9 *0.429*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-11.0-56-12R1-M	02450053	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-04375-221-0472R1-M	02450073	11,113 *0.438*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-11.5-56-12R1-M	02450054	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-11.8-56-12R1-M	02450055	11,8 *0.465*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-12.0-56-12R1-M	02450056	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-12.5-56-14R1-M	02450058	12,5 *0.492*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-05000-221-0551R1-M	02450074	12,7 *0.500*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-12.9-56-14R1-M	02592729	12,9 *0.508*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-13.0-56-14R1-M	02450059	13,0 *0.512*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-13.5-59-14R1-M	02450060	13,5 *0.531*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-14.0-59-14R1-M	02450061	14,0 *0.551*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-14.25-60-16R1-M	02592732	14,25 *0.561*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9
SD205A-14.5-60-16R1-M	03117534	14,5 *0.571*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9
SD205A-15.0-60-16R1-M	02570652	15,0 *0.591*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9
SD205A-15.5-62-16R1-M	02543076	15,5 *0.610*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9
SD205A-16.0-62-16R1-M	02555961	16,0 *0.630*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9

SD203A, -T

Profondeur de perçage ~ 3 x D – Métrique/Pouces





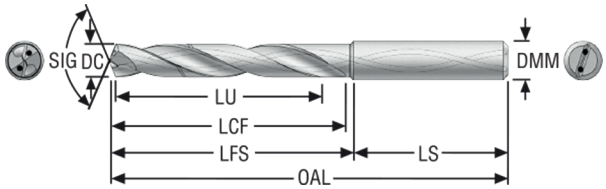
–Attachement cylindrique DIN 6537A
–Tolérance DC m7
–Arrosage interne
–Paramètres de coupe - www.secotools.com
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-01875-079-0236R1-T	02569147	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Non revêtue	IT8-9
SD203A-5.0-20-6R1-T	02523021	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Non revêtue	IT8-9
SD203A-02188-083-0236R1-T	02569156	5,558 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Non revêtue	IT8-9
SD203A-6.0-21-6R1-T	02542682	6,0 *0.236*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Non revêtue	IT8-9
SD203A-02500-091-0315R1-T	02569149	6,35 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD203A-6.5-23-8R1-T	02545316	6,5 *0.256*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD203A-6.9-25-8R1-T	02537280	6,9 *0.272*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD203A-7.0-25-8R1-T	02525985	7,0 *0.276*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD203A-02813-098-0315R1-T	02569151	7,145 *0.281*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD203A-7.5-25-8R1-T	02527667	7,5 *0.295*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD203A-03125-106-0315R1-T	02569152	7,938 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD203A-8.0-27-8R1-T	02513679	8,0 *0.315*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD203A-8.5-27-10R1-T	02548250	8,5 *0.335*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Non revêtue	IT8-9
SD203A-8.8-29-10R1-T	02569153	8,8 *0.346*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Non revêtue	IT8-9
SD203A-9.0-29-10R1-T	02524440	9,0 *0.354*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Non revêtue	IT8-9
SD203A-9.5-29-10R1-T	02545386	9,5 *0.374*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Non revêtue	IT8-9
SD203A-10.0-31-10R1-T	02525984	10,0 *0.394*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Non revêtue	IT8-9
SD203A-10.5-31-12R1-T	02545387	10,5 *0.413*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Non revêtue	IT8-9
SD203A-11.0-33-12R1-T	02569155	11,0 *0.433*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Non revêtue	IT8-9
SD203A-11.5-33-12R1-T	02567385	11,5 *0.453*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Non revêtue	IT8-9
SD203A-12.0-36-12R1-T	02562784	12,0 *0.472*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Non revêtue	IT8-9

SD205A, -T

Profondeur de perçage ~ 5 x D – Métrique/Pouces





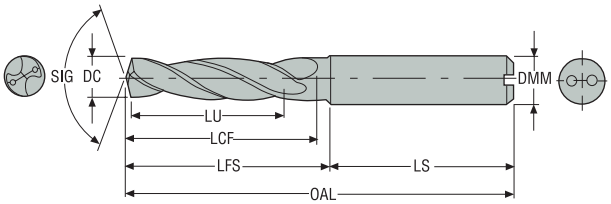
—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe - www.secotools.com
—Diamètres intermédiaires voir le logiciel “MyDesign”.

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD205A-8.0-42-8R1-T	02569164	8,0 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	Non revêtue	IT8-9
SD205A-12.0-56-12R1-T	02527621	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	Non revêtue	IT8-9

SD203A, -N

Profondeur de perçage ~ 3 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Tolérance DC m7
—Arrosage interne
—Paramètres de coupe, voir page(s) 135- 136
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-2.5-8-4R1-N	02691548	2,5 *0.098*	8,0 *0.315*	44,0 *1.732*	16,0 *0.630*	28,0 *1.102*	13,0 *0.512*	4,0 *0.157*	140°	Revêtement DLC	IT8-9
SD203A-3.0-14-6R1-N	02691549	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-3.3-14-6R1-N	02691551	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-3.5-15-6R1-N	02691552	3,5 *0.138*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-4.0-17-6R1-N	02691553	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-4.1-17-6R1-N	02691554	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-4.5-18-6R1-N	02691555	4,5 *0.177*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-5.0-20-6R1-N	02691556	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-5.2-20-6R1-N	02691557	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-5.5-20-6R1-N	02691558	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-6.0-21-6R1-N	02691559	6,0 *0.236*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Revêtement DLC	IT8-9
SD203A-02500-091-0315R1-N	02691560	6,35 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-6.5-23-8R1-N	02691562	6,5 *0.256*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-02656-098-0315R1-N	02691564	6,746 *0.266*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-6.8-25-8R1-N	02691565	6,8 *0.268*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-7.0-25-8R1-N	02643590	7,0 *0.276*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-7.1-25-8R1-N	02691567	7,1 *0.280*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-02813-098-0315R1-N	02691568	7,145 *0.281*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-7.5-25-8R1-N	02691569	7,5 *0.295*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-03125-106-0315R1-N	02691570	7,938 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-8.0-27-8R1-N	02691571	8,0 *0.315*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Revêtement DLC	IT8-9
SD203A-8.5-27-10R1-N	02643592	8,5 *0.335*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Revêtement DLC	IT8-9
SD203A-9.0-29-10R1-N	02691574	9,0 *0.354*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Revêtement DLC	IT8-9
SD203A-9.5-29-10R1-N	02691575	9,5 *0.374*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Revêtement DLC	IT8-9
SD203A-03750-122-0394R1-N	02691576	9,525 *0.375*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Revêtement DLC	IT8-9

Références	Numéro de produit	DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement	Tolérance de perçage
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			
SD203A-10.0-31-10R1-N	02691577	10,0 *0.394*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Revêtement DLC	IT8-9
SD203A-10.2-31-12R1-N	02691578	10,2 *0.402*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Revêtement DLC	IT8-9
SD203A-04063-122-0472R1-N	02691579	10,32 *0.406*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Revêtement DLC	IT8-9
SD203A-10.5-31-12R1-N	02691580	10,5 *0.413*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Revêtement DLC	IT8-9
SD203A-11.0-33-12R1-N	02691582	11,0 *0.433*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Revêtement DLC	IT8-9
SD203A-04375-130-0472R1-N	02691585	11,113 *0.438*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Revêtement DLC	IT8-9
SD203A-11.5-33-12R1-N	02691588	11,5 *0.453*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Revêtement DLC	IT8-9
SD203A-12.0-36-12R1-N	02691589	12,0 *0.472*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Revêtement DLC	IT8-9
SD203A-12.5-36-14R1-N	02691591	12,5 *0.492*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Revêtement DLC	IT8-9
SD203A-05000-142-0551R1-N	02691592	12,7 *0.500*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Revêtement DLC	IT8-9
SD203A-13.0-36-14R1-N	02691594	13,0 *0.512*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Revêtement DLC	IT8-9
SD203A-05312-146-0551R1-N	02691596	13,492 *0.531*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Revêtement DLC	IT8-9
SD203A-13.5-37-14R1-N	02691597	13,5 *0.531*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Revêtement DLC	IT8-9
SD203A-14.0-37-14R1-N	02691598	14,0 *0.551*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Revêtement DLC	IT8-9

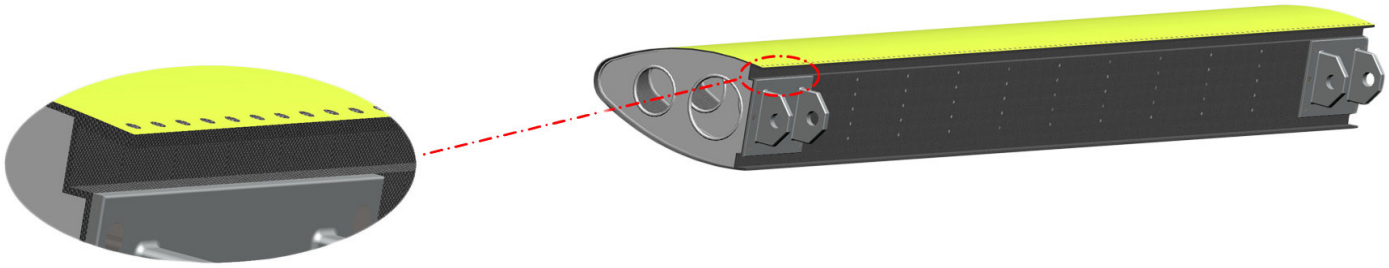


Perçage de composites

Seco propose deux solutions distinctes pour le perçage de composites : des forets revêtus de diamant et des forets en diamant polycristallin (PCD). Ces outils proposent des géométries optimisées spécifiquement pour des composites habituels ou des matériaux empilés.

- Des géométries de pointe optimisée de C1 et CX1 pour les applications rencontrées dans les matériaux CFRP (polymères renforcés à la fibre de carbone)
- Les C2 sont des forets à angle neutre, destinés à l'usinage de matériaux composites sandwich comprenant de l'aluminium ou du titane
- Les forets en diamant polycristallin (PCD) CX1 offrent une productivité accrue et une durée de vie de l'outil prolongée par rapport aux forets classiques lors de l'usinage des matériaux composites
- Les forets C1 et C2 revêtus de diamant Dura offrent une très bonne ténacité et une très bonne résistance à l'abrasion

Usinage des composites



Lorsque la qualité du trou devient votre objectif principal

Pour régler les problèmes de délaminage d'entrée/sortie et l'écaillage dans les matériaux composites et sandwich, la conception des outils de perçage devient déterminante et conditionne directement la qualité des pièces usinées. Dans les deux cas, une attention particulière a été accordée pour atteindre une excellente performance à la fois en entrée et en sortie. (Les matériaux sandwich impliquent généralement une sortie en Al ou Ti).

- Pas d'éclat à l'intérieur de l'entrée du trou
- Pas d'éclat sur la face arrière en sorte de perçage

Le revêtement Dura diamant sécurise l'application pour une bonne tolérance dimensionnelle du trou ainsi qu'une longue durée de vie.





Exemple d'application

Matériaux CFRP/GFRP
Perçage plein fibre carbone (sortie dans le composite)

Géométrie C1
Géométrie CX1





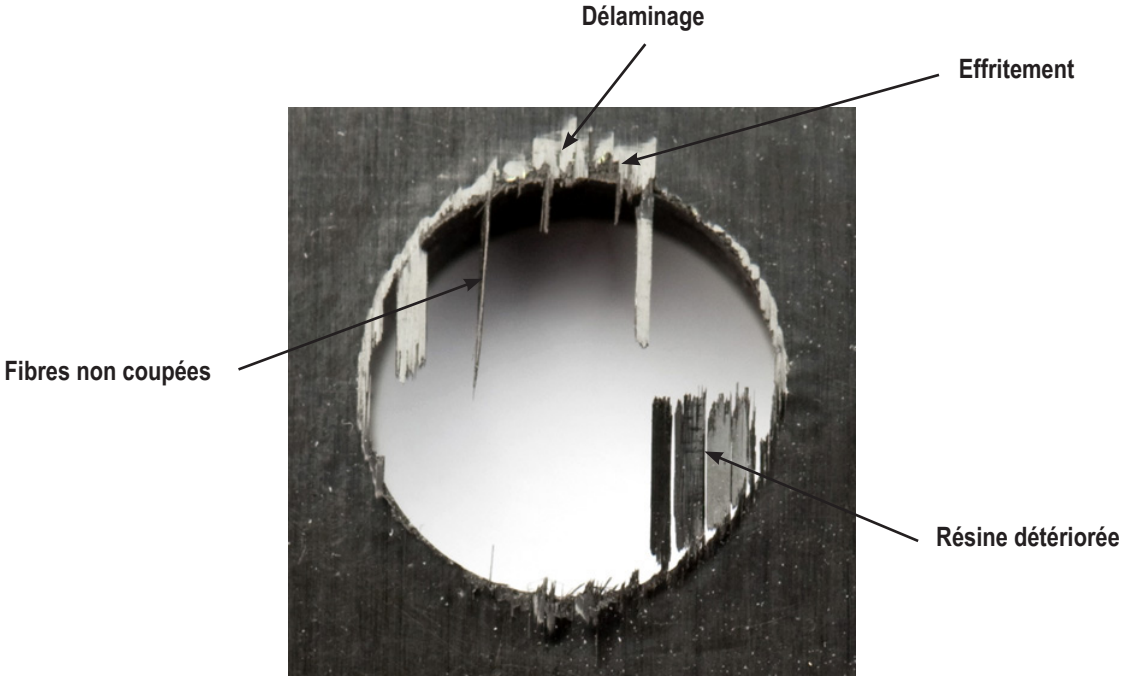
Matériau sandwich
(sortie dans l'Al/Ti)

Géométrie C2





Incidents et remèdes - Trou sortant

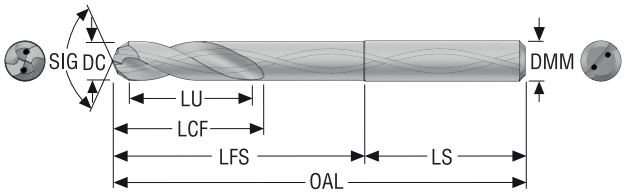


Problème :	Délaminage (Arracher / Pousser vers le bas)	Effritement	Fibres non coupées	Résine détériorée
Solution :	**Arracher** ▪ Utiliser un outil avec une géométrie plus négative ▪ Réduire l'avance/tour **Écrasement** ▪ Réduire l'avance/tour	▪ Utiliser un outil avec une géométrie plus positive ▪ Réduire l'avance/tour	▪ Utiliser un outil avec une arête de coupe plus vive ▪ Réduire l'avance/tour	▪ Utiliser un outil avec une arête de coupe plus vive ▪ Réduire l'avance/tour ▪ Réduire la vitesse de coupe
Problème :	**Résine mélangée (température trop élevée)**	**Faible durée de vie de l'outil**		
Solution :	▪ Réduire la vitesse de coupe	▪ Réduire la vitesse de coupe		

SD205A-C1

Profondeur de perçage ~ 5 x D – Métrique/Pouces





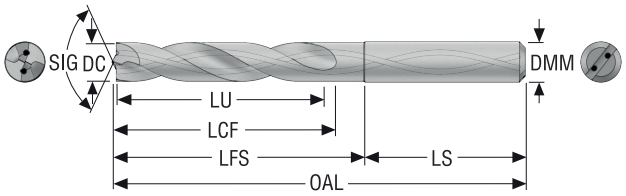
—Attachement cylindrique DIN 6537A
—Arrosage interne
—Paramètres de coupe, voir page(s) 155

Références	Numéro de produit	Tolérance du trou attendu		DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement
		mm	*Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD205A-6.0-31-6R1-C1	02740089	5,975/6,025	*0.2352/0.2372*	6,0 *0.236*	31,0 *1.220*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	60°/130°	Diamant Dura
SD205A-9.55-46-10R1-C1	02740092	9,525/9,576	*0.3750/0.3770*	9,55 *0.376*	46,0 *1.811*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	60°/130°	Diamant Dura

SD205A-C2

Profondeur de perçage ~ 5 x D – Métrique/Pouces





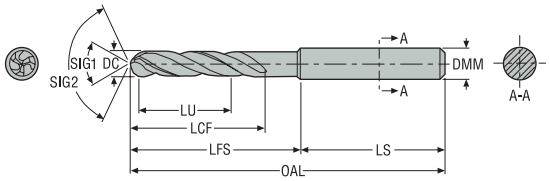
—Attachement cylindrique DIN 6537A
—Arrosage interne
—Paramètres de coupe, voir page(s) 155

Références	Numéro de produit	Tolérance du trou attendu		DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe	Revêtement
		mm	*Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD205A-6.0-32-6R1-C2	02740099	5,975/6,025	*0.2352/0.2372*	6,0 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	60°/130°	Diamant Dura
SD205A-9.55-48-10R1-C2	02740103	9,525/9,576	*0.3750/0.3770*	9,55 *0.376*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	60°/130°	Diamant Dura

SD203-CX1

Profondeur de perçage ~ 3 x D – Métrique/Pouces





—Attachement cylindrique DIN 6537A
—Arêtes de coupe PCD
—Paramètres de coupe, voir page(s) 155

Références	Numéro de produit	Tolérance du trou attendu		DC	LU	OAL	LFS	LS	LCF	DMM	Angle de pointe
		mm	*Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	
SD203-3.26-14-6R1-CX1	02827923	3,235/3,285	*0.1273/0.1293*	3,26 *0.128*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	21,0 *0.827*	6,0 *0.236*	60°/130°
SD203-4.17-17-6R1-CX1	02827924	4,142/4,192	*0.1630/0.1650*	4,17 *0.164*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	25,0 *0.984*	6,0 *0.236*	60°/130°
SD203-4.83-20-6R1-CX1	02827925	4,805/4,855	*0.1891/0.1911*	4,83 *0.190*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	60°/130°
SD203-6.06-21-6R1-CX1	02827926	6,035/6,085	*0.2375/0.2395*	6,06 *0.239*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	60°/130°
SD203-6.36-23-8R1-CX1	02827927	6,33/6,38	*0.2492/0.2511*	6,36 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	60°/130°
SD203-7.94-27-8R1-CX1	02827928	7,913/7,963	*0.3115/0.3135*	7,94 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	60°/130°
SD203-9.53-31-10R1-CX1	02827929	9,504/9,554	*0.3741/0.3761*	9,53 *0.375*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	60°/130°



Micro-perçage

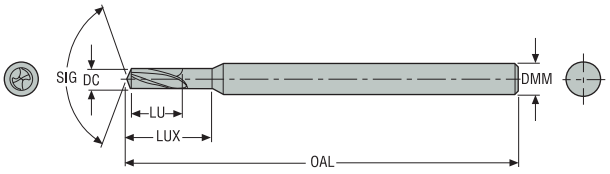
Seco répond à vos besoins en applications de micro-perçage avec un portefeuille de produits dédiés comprenant les plages SD22 et SD26 de forets carbure monobloc compacts.

- Capables d'offrir des augmentations de performances considérables par rapport aux forets classiques HSS
- Pour des applications de l'industrie automobile et médicale, ainsi que pour la production de petites pièces dans le secteur de la mécanique générale

SD22

Profondeur de perçage ~ 2 x D (foret pilote) – Métrique/Pouces





—Attachements cylindriques
—Arrosage externe
—Paramètres de coupe, voir page(s) 156-160

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD22-0.10-0.20-3R1	02731574	0,1 *0.004*	0,2 *0.008*	38,0 *1.496*	0,55 *0.022*	3,0 *0.118*	130°	Non revêtue
SD22-0.11-0.22-3R1	02730362	0,11 *0.004*	0,22 *0.009*	38,0 *1.496*	0,55 *0.022*	3,0 *0.118*	130°	Non revêtue
SD22-0.12-0.24-3R1	02730460	0,12 *0.005*	0,24 *0.009*	38,0 *1.496*	0,55 *0.022*	3,0 *0.118*	130°	Non revêtue
SD22-0.13-0.26-3R1	02730461	0,13 *0.005*	0,26 *0.010*	38,0 *1.496*	0,6 *0.024*	3,0 *0.118*	130°	Non revêtue
SD22-0.14-0.28-3R1	02730462	0,14 *0.006*	0,28 *0.011*	38,0 *1.496*	0,6 *0.024*	3,0 *0.118*	130°	Non revêtue
SD22-0.15-0.30-3R1	02731575	0,15 *0.006*	0,3 *0.012*	38,0 *1.496*	0,6 *0.024*	3,0 *0.118*	130°	Non revêtue
SD22-0.16-0.32-3R1	02730464	0,16 *0.006*	0,32 *0.013*	38,0 *1.496*	0,6 *0.024*	3,0 *0.118*	130°	Non revêtue
SD22-0.17-0.34-3R1	02730465	0,17 *0.007*	0,34 *0.013*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Non revêtue
SD22-0.18-0.36-3R1	02730466	0,18 *0.007*	0,36 *0.014*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Non revêtue
SD22-0.19-0.38-3R1	02730467	0,19 *0.007*	0,38 *0.015*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Non revêtue
SD22-0.20-0.40-3R1	02731576	0,2 *0.008*	0,4 *0.016*	38,0 *1.496*	0,75 *0.030*	3,0 *0.118*	130°	Non revêtue
SD22-0.21-0.42-3R1	02730468	0,21 *0.008*	0,42 *0.017*	38,0 *1.496*	0,75 *0.030*	3,0 *0.118*	130°	Non revêtue
SD22-0.22-0.44-3R1	02730469	0,22 *0.009*	0,44 *0.017*	38,0 *1.496*	0,8 *0.031*	3,0 *0.118*	130°	Non revêtue
SD22-0.23-0.46-3R1	02730470	0,23 *0.009*	0,46 *0.018*	38,0 *1.496*	0,8 *0.031*	3,0 *0.118*	130°	Non revêtue
SD22-0.24-0.48-3R1	02730471	0,24 *0.009*	0,48 *0.019*	38,0 *1.496*	0,8 *0.031*	3,0 *0.118*	130°	Non revêtue
SD22-0.25-0.50-3R1	02731577	0,25 *0.010*	0,5 *0.020*	38,0 *1.496*	0,9 *0.035*	3,0 *0.118*	130°	Non revêtue
SD22-0.26-0.52-3R1	02730472	0,26 *0.010*	0,52 *0.020*	38,0 *1.496*	0,9 *0.035*	3,0 *0.118*	130°	Non revêtue
SD22-0.27-0.54-3R1	02730473	0,27 *0.011*	0,54 *0.021*	38,0 *1.496*	0,9 *0.035*	3,0 *0.118*	130°	Non revêtue
SD22-0.28-0.56-3R1	02730474	0,28 *0.011*	0,56 *0.022*	38,0 *1.496*	1,0 *0.039*	3,0 *0.118*	130°	Non revêtue
SD22-0.29-0.58-3R1	02730475	0,29 *0.011*	0,58 *0.023*	38,0 *1.496*	1,0 *0.039*	3,0 *0.118*	130°	Non revêtue
SD22-0.30-0.60-3R1	02731579	0,3 *0.012*	0,6 *0.024*	38,0 *1.496*	1,2 *0.047*	3,0 *0.118*	130°	Non revêtue
SD22-0.31-0.62-3R1	02730476	0,31 *0.012*	0,62 *0.024*	38,0 *1.496*	1,2 *0.047*	3,0 *0.118*	130°	Non revêtue
SD22-0.32-0.64-3R1	02730477	0,32 *0.013*	0,64 *0.025*	38,0 *1.496*	1,2 *0.047*	3,0 *0.118*	130°	Non revêtue
SD22-0.33-0.66-3R1	02730478	0,33 *0.013*	0,66 *0.026*	38,0 *1.496*	1,2 *0.047*	3,0 *0.118*	130°	Non revêtue
SD22-0.34-0.68-3R1	02730479	0,34 *0.013*	0,68 *0.027*	38,0 *1.496*	1,35 *0.053*	3,0 *0.118*	130°	Non revêtue
SD22-0.35-0.70-3R1	02731580	0,35 *0.014*	0,7 *0.028*	38,0 *1.496*	1,35 *0.053*	3,0 *0.118*	130°	Non revêtue

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD22-0.36-0.72-3R1	02730480	0,36 *0.014*	0,72 *0.028*	38,0 *1.496*	1,35 *0.053*	3,0 *0.118*	130°	Non revêtue
SD22-0.37-0.74-3R1	02730481	0,37 *0.015*	0,74 *0.029*	38,0 *1.496*	1,35 *0.053*	3,0 *0.118*	130°	Non revêtue
SD22-0.38-0.76-3R1	02730482	0,38 *0.015*	0,76 *0.030*	38,0 *1.496*	1,5 *0.059*	3,0 *0.118*	130°	Non revêtue
SD22-0.39-0.78-3R1	02730483	0,39 *0.015*	0,78 *0.031*	38,0 *1.496*	1,5 *0.059*	3,0 *0.118*	130°	Non revêtue
SD22-0.40-0.80-3R1	02731581	0,4 *0.016*	0,8 *0.031*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Non revêtue
SD22-0.41-0.82-3R1	02730484	0,41 *0.016*	0,82 *0.032*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Non revêtue
SD22-0.42-0.84-3R1	02730485	0,42 *0.017*	0,84 *0.033*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Non revêtue
SD22-0.43-0.86-3R1	02730486	0,43 *0.017*	0,86 *0.034*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Non revêtue
SD22-0.44-0.88-3R1	02730487	0,44 *0.017*	0,88 *0.035*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Non revêtue
SD22-0.45-0.90-3R1	02731582	0,45 *0.018*	0,9 *0.035*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Non revêtue
SD22-0.46-0.92-3R1	02730488	0,46 *0.018*	0,92 *0.036*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Non revêtue
SD22-0.47-0.94-3R1	02730489	0,47 *0.019*	0,94 *0.037*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Non revêtue
SD22-0.48-0.96-3R1	02730490	0,48 *0.019*	0,96 *0.038*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Non revêtue
SD22-0.49-0.98-3R1	02730491	0,49 *0.019*	0,98 *0.039*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Non revêtue
SD22-0.50-1.00-3R1	02731584	0,5 *0.020*	1,0 *0.039*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Non revêtue
SD22-0.51-1.02-3R1	02730492	0,51 *0.020*	1,02 *0.040*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD22-0.52-1.04-3R1	02730493	0,52 *0.020*	1,04 *0.041*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD22-0.53-1.06-3R1	02730494	0,53 *0.021*	1,06 *0.042*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD22-0.54-1.08-3R1	02730495	0,54 *0.021*	1,08 *0.043*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD22-0.55-1.10-3R1	02731585	0,55 *0.022*	1,1 *0.043*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD22-0.56-1.12-3R1	02730496	0,56 *0.022*	1,12 *0.044*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Non revêtue
SD22-0.57-1.14-3R1	02730497	0,57 *0.022*	1,14 *0.045*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Non revêtue
SD22-0.58-1.16-3R1	02730498	0,58 *0.023*	1,16 *0.046*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Non revêtue
SD22-0.59-1.18-3R1	02730499	0,59 *0.023*	1,18 *0.046*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Non revêtue
SD22-0.60-1.20-3R1	02731586	0,6 *0.024*	1,2 *0.047*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Non revêtue
SD22-0.61-1.22-3R1	02730500	0,61 *0.024*	1,22 *0.048*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Non revêtue
SD22-0.62-1.24-3R1	02730501	0,62 *0.024*	1,24 *0.049*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Non revêtue
SD22-0.63-1.26-3R1	02730502	0,63 *0.025*	1,26 *0.050*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Non revêtue
SD22-0.64-1.28-3R1	02730503	0,64 *0.025*	1,28 *0.050*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Non revêtue
SD22-0.65-1.30-3R1	02731587	0,65 *0.026*	1,3 *0.051*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Non revêtue
SD22-0.66-1.32-3R1	02730504	0,66 *0.026*	1,32 *0.052*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Non revêtue
SD22-0.67-1.34-3R1	02730505	0,67 *0.026*	1,34 *0.053*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Non revêtue
SD22-0.68-1.36-3R1	02730506	0,68 *0.027*	1,36 *0.054*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Non revêtue
SD22-0.69-1.38-3R1	02730507	0,69 *0.027*	1,38 *0.054*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Non revêtue
SD22-0.70-1.40-3R1	02731589	0,7 *0.028*	1,4 *0.055*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Non revêtue

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD22-0.71-1.42-3R1	02730508	0,71 *0.028*	1,42 *0.056*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD22-0.72-1.44-3R1	02730509	0,72 *0.028*	1,44 *0.057*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD22-0.73-1.46-3R1	02730510	0,73 *0.029*	1,46 *0.057*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD22-0.74-1.48-3R1	02730511	0,74 *0.029*	1,48 *0.058*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD22-0.75-1.50-3R1	02731590	0,75 *0.030*	1,5 *0.059*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD22-0.76-1.52-3R1	02730512	0,76 *0.030*	1,52 *0.060*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Non revêtue
SD22-0.77-1.54-3R1	02730513	0,77 *0.030*	1,54 *0.061*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Non revêtue
SD22-0.78-1.56-3R1	02730514	0,78 *0.031*	1,56 *0.061*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Non revêtue
SD22-0.79-1.58-3R1	02730515	0,79 *0.031*	1,58 *0.062*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Non revêtue
SD22-0.80-1.60-3R1	02731592	0,8 *0.031*	1,6 *0.063*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Non revêtue
SD22-0.81-1.62-3R1	02730516	0,81 *0.032*	1,62 *0.064*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD22-0.82-1.64-3R1	02730517	0,82 *0.032*	1,64 *0.065*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD22-0.83-1.66-3R1	02730518	0,83 *0.033*	1,66 *0.065*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD22-0.84-1.68-3R1	02730519	0,84 *0.033*	1,68 *0.066*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD22-0.85-1.70-3R1	02731593	0,85 *0.033*	1,7 *0.067*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD22-0.86-1.72-3R1	02730520	0,86 *0.034*	1,72 *0.068*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Non revêtue
SD22-0.87-1.74-3R1	02730521	0,87 *0.034*	1,74 *0.069*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Non revêtue
SD22-0.88-1.76-3R1	02730522	0,88 *0.035*	1,76 *0.069*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Non revêtue
SD22-0.89-1.78-3R1	02730523	0,89 *0.035*	1,78 *0.070*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Non revêtue
SD22-0.90-1.80-3R1	02731594	0,9 *0.035*	1,8 *0.071*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Non revêtue
SD22-0.91-1.82-3R1	02730524	0,91 *0.036*	1,82 *0.072*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Non revêtue
SD22-0.92-1.84-3R1	02730525	0,92 *0.036*	1,84 *0.072*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Non revêtue
SD22-0.93-1.86-3R1	02730526	0,93 *0.037*	1,86 *0.073*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Non revêtue
SD22-0.94-1.88-3R1	02730527	0,94 *0.037*	1,88 *0.074*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Non revêtue
SD22-0.95-1.90-3R1	02731595	0,95 *0.037*	1,9 *0.075*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Non revêtue
SD22-0.96-1.92-3R1	02730528	0,96 *0.038*	1,92 *0.076*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Non revêtue
SD22-0.97-1.94-3R1	02730529	0,97 *0.038*	1,94 *0.076*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Non revêtue
SD22-0.98-1.96-3R1	02730530	0,98 *0.039*	1,96 *0.077*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Non revêtue
SD22-0.99-1.98-3R1	02730531	0,99 *0.039*	1,98 *0.078*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Non revêtue
SD22-1.00-2.00-3R1	02731596	1,0 *0.039*	2,0 *0.079*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Non revêtue
SD22-1.01-2.02-3R1	02730532	1,01 *0.040*	2,02 *0.080*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Non revêtue
SD22-1.02-2.04-3R1	02730533	1,02 *0.040*	2,04 *0.080*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Non revêtue
SD22-1.03-2.06-3R1	02730534	1,03 *0.041*	2,06 *0.081*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Non revêtue
SD22-1.04-2.08-3R1	02730535	1,04 *0.041*	2,08 *0.082*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Non revêtue
SD22-1.05-2.10-3R1	02730536	1,05 *0.041*	2,1 *0.083*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Non revêtue

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD22-1.06-2.12-3R1	02730537	1,06 *0.042*	2,12 *0.083*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD22-1.07-2.14-3R1	02730538	1,07 *0.042*	2,14 *0.084*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD22-1.08-2.16-3R1	02730539	1,08 *0.043*	2,16 *0.085*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD22-1.09-2.18-3R1	02730540	1,09 *0.043*	2,18 *0.086*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD22-1.10-2.20-3R1	02731598	1,1 *0.043*	2,2 *0.087*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD22-1.11-2.22-3R1	02730541	1,11 *0.044*	2,22 *0.087*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Non revêtue
SD22-1.12-2.24-3R1	02730542	1,12 *0.044*	2,24 *0.088*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Non revêtue
SD22-1.13-2.26-3R1	02730543	1,13 *0.044*	2,26 *0.089*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Non revêtue
SD22-1.14-2.28-3R1	02730544	1,14 *0.045*	2,28 *0.090*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Non revêtue
SD22-1.15-2.30-3R1	02730545	1,15 *0.045*	2,3 *0.091*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Non revêtue
SD22-1.16-2.32-3R1	02730546	1,16 *0.046*	2,32 *0.091*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Non revêtue
SD22-1.17-2.34-3R1	02730547	1,17 *0.046*	2,34 *0.092*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Non revêtue
SD22-1.18-2.36-3R1	02730548	1,18 *0.046*	2,36 *0.093*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Non revêtue
SD22-1.19-2.38-3R1	02730549	1,19 *0.047*	2,38 *0.094*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Non revêtue
SD22-1.20-2.40-3R1	02731599	1,2 *0.047*	2,4 *0.094*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Non revêtue
SD22-1.21-2.42-3R1	02730550	1,21 *0.048*	2,42 *0.095*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Non revêtue
SD22-1.22-2.44-3R1	02730551	1,22 *0.048*	2,44 *0.096*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Non revêtue
SD22-1.23-2.46-3R1	02730552	1,23 *0.048*	2,46 *0.097*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Non revêtue
SD22-1.24-2.48-3R1	02730553	1,24 *0.049*	2,48 *0.098*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Non revêtue
SD22-1.25-2.50-3R1	02730554	1,25 *0.049*	2,5 *0.098*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Non revêtue
SD22-1.26-2.52-3R1	02730555	1,26 *0.050*	2,52 *0.099*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Non revêtue
SD22-1.27-2.54-3R1	02730556	1,27 *0.050*	2,54 *0.100*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Non revêtue
SD22-1.28-2.56-3R1	02730557	1,28 *0.050*	2,56 *0.101*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Non revêtue
SD22-1.29-2.58-3R1	02730558	1,29 *0.051*	2,58 *0.102*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Non revêtue
SD22-1.30-2.60-3R1	02731600	1,3 *0.051*	2,6 *0.102*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Non revêtue
SD22-1.31-2.62-3R1	02730559	1,31 *0.052*	2,62 *0.103*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Non revêtue
SD22-1.32-2.64-3R1	02730560	1,32 *0.052*	2,64 *0.104*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Non revêtue
SD22-1.33-2.66-3R1	02730561	1,33 *0.052*	2,66 *0.105*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Non revêtue
SD22-1.34-2.68-3R1	02730562	1,34 *0.053*	2,68 *0.106*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Non revêtue
SD22-1.35-2.70-3R1	02730563	1,35 *0.053*	2,7 *0.106*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Non revêtue
SD22-1.36-2.72-3R1	02730564	1,36 *0.054*	2,72 *0.107*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD22-1.37-2.74-3R1	02730565	1,37 *0.054*	2,74 *0.108*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD22-1.38-2.76-3R1	02730566	1,38 *0.054*	2,76 *0.109*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD22-1.39-2.78-3R1	02730567	1,39 *0.055*	2,78 *0.109*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD22-1.40-2.80-3R1	02731602	1,4 *0.055*	2,8 *0.110*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue

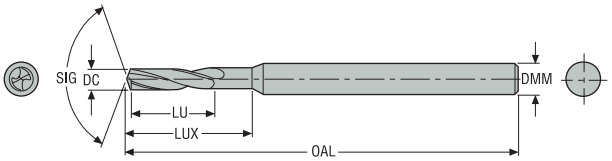
Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD22-1.41-2.82-3R1	02730568	1,41 *0.056*	2,82 *0.111*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Non revêtue
SD22-1.42-2.84-3R1	02730569	1,42 *0.056*	2,84 *0.112*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Non revêtue
SD22-1.43-2.86-3R1	02730570	1,43 *0.056*	2,86 *0.113*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Non revêtue
SD22-1.44-2.88-3R1	02730571	1,44 *0.057*	2,88 *0.113*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Non revêtue
SD22-1.45-2.90-3R1	02730572	1,45 *0.057*	2,9 *0.114*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Non revêtue
SD22-1.46-2.92-3R1	02730573	1,46 *0.057*	2,92 *0.115*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Non revêtue
SD22-1.47-2.94-3R1	02730574	1,47 *0.058*	2,94 *0.116*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Non revêtue
SD22-1.48-2.96-3R1	02730575	1,48 *0.058*	2,96 *0.117*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Non revêtue
SD22-1.49-2.98-3R1	02730576	1,49 *0.059*	2,98 *0.117*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Non revêtue
SD22-1.50-3.00-3R1	02731603	1,5 *0.059*	3,0 *0.118*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Non revêtue
SD22-1.51-3.02-3R1	02730577	1,51 *0.059*	3,02 *0.119*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Non revêtue
SD22-1.52-3.04-3R1	02730578	1,52 *0.060*	3,04 *0.120*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Non revêtue
SD22-1.53-3.06-3R1	02730579	1,53 *0.060*	3,06 *0.120*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Non revêtue
SD22-1.54-3.08-3R1	02730580	1,54 *0.061*	3,08 *0.121*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Non revêtue
SD22-1.55-3.10-3R1	02730581	1,55 *0.061*	3,1 *0.122*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Non revêtue
SD22-1.56-3.12-3R1	02730582	1,56 *0.061*	3,12 *0.123*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Non revêtue
SD22-1.57-3.14-3R1	02730583	1,57 *0.062*	3,14 *0.124*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Non revêtue
SD22-1.58-3.16-3R1	02730584	1,58 *0.062*	3,16 *0.124*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Non revêtue
SD22-1.59-3.18-3R1	02730585	1,59 *0.063*	3,18 *0.125*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Non revêtue
SD22-1.60-3.20-3R1	02731605	1,6 *0.063*	3,2 *0.126*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Non revêtue
SD22-1.61-3.22-3R1	02730586	1,61 *0.063*	3,22 *0.127*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Non revêtue
SD22-1.62-3.24-3R1	02730587	1,62 *0.064*	3,24 *0.128*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Non revêtue
SD22-1.63-3.26-3R1	02730588	1,63 *0.064*	3,26 *0.128*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Non revêtue
SD22-1.64-3.28-3R1	02730589	1,64 *0.065*	3,28 *0.129*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Non revêtue
SD22-1.65-3.30-3R1	02730590	1,65 *0.065*	3,3 *0.130*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Non revêtue
SD22-1.66-3.32-3R1	02730592	1,66 *0.065*	3,32 *0.131*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Non revêtue
SD22-1.67-3.34-3R1	02730593	1,67 *0.066*	3,34 *0.131*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Non revêtue
SD22-1.68-3.36-3R1	02730594	1,68 *0.066*	3,36 *0.132*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Non revêtue
SD22-1.69-3.38-3R1	02730595	1,69 *0.067*	3,38 *0.133*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Non revêtue
SD22-1.70-3.40-3R1	02731606	1,7 *0.067*	3,4 *0.134*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Non revêtue
SD22-1.71-3.42-3R1	02730596	1,71 *0.067*	3,42 *0.135*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Non revêtue
SD22-1.72-3.44-3R1	02730597	1,72 *0.068*	3,44 *0.135*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Non revêtue
SD22-1.73-3.46-3R1	02730598	1,73 *0.068*	3,46 *0.136*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Non revêtue
SD22-1.74-3.48-3R1	02730599	1,74 *0.069*	3,48 *0.137*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Non revêtue
SD22-1.75-3.50-3R1	02730601	1,75 *0.069*	3,5 *0.138*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Non revêtue

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD22-1.76-3.52-3R1	02730602	1,76 *0.069*	3,52 *0.139*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD22-1.77-3.54-3R1	02730603	1,77 *0.070*	3,54 *0.139*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD22-1.78-3.56-3R1	02730604	1,78 *0.070*	3,56 *0.140*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD22-1.79-3.58-3R1	02730605	1,79 *0.070*	3,58 *0.141*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD22-1.80-3.60-3R1	02731607	1,8 *0.071*	3,6 *0.142*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD22-1.81-3.62-3R1	02730606	1,81 *0.071*	3,62 *0.143*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Non revêtue
SD22-1.82-3.64-3R1	02730607	1,82 *0.072*	3,64 *0.143*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Non revêtue
SD22-1.83-3.66-3R1	02730608	1,83 *0.072*	3,66 *0.144*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Non revêtue
SD22-1.84-3.68-3R1	02730609	1,84 *0.072*	3,68 *0.145*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Non revêtue
SD22-1.85-3.70-3R1	02730610	1,85 *0.073*	3,7 *0.146*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Non revêtue
SD22-1.86-3.72-3R1	02730611	1,86 *0.073*	3,72 *0.146*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Non revêtue
SD22-1.87-3.74-3R1	02730612	1,87 *0.074*	3,74 *0.147*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Non revêtue
SD22-1.88-3.76-3R1	02730613	1,88 *0.074*	3,76 *0.148*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Non revêtue
SD22-1.89-3.78-3R1	02730614	1,89 *0.074*	3,78 *0.149*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Non revêtue
SD22-1.90-3.80-3R1	02731609	1,9 *0.075*	3,8 *0.150*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Non revêtue
SD22-1.91-3.82-3R1	02730615	1,91 *0.075*	3,82 *0.150*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Non revêtue
SD22-1.92-3.84-3R1	02730616	1,92 *0.076*	3,84 *0.151*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Non revêtue
SD22-1.93-3.86-3R1	02730617	1,93 *0.076*	3,86 *0.152*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Non revêtue
SD22-1.94-3.88-3R1	02730618	1,94 *0.076*	3,88 *0.153*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Non revêtue
SD22-1.95-3.90-3R1	02730619	1,95 *0.077*	3,9 *0.154*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Non revêtue
SD22-1.96-3.92-3R1	02730620	1,96 *0.077*	3,92 *0.154*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Non revêtue
SD22-1.97-3.94-3R1	02730621	1,97 *0.078*	3,94 *0.155*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Non revêtue
SD22-1.98-3.96-3R1	02730622	1,98 *0.078*	3,96 *0.156*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Non revêtue
SD22-1.99-3.98-3R1	02730623	1,99 *0.078*	3,98 *0.157*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Non revêtue
SD22-2.00-4.00-3R1	02731610	2,0 *0.079*	4,0 *0.157*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Non revêtue

SD26

Profondeur de perçage ~ 6 x D – Métrique/Pouces





—Attachements cylindriques
—Arrosage externe
—Paramètres de coupe, voir page(s) 156-160

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD26-0.10-0.40-3R1	02731612	0,1 *0.004*	0,4 *0.016*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Non revêtue
SD26-0.11-0.40-3R1	02730624	0,11 *0.004*	0,4 *0.016*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Non revêtue
SD26-0.12-0.40-3R1	02730625	0,12 *0.005*	0,4 *0.016*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Non revêtue
SD26-0.13-0.65-3R1	02730626	0,13 *0.005*	0,65 *0.026*	38,0 *1.496*	1,0 *0.039*	3,0 *0.118*	130°	Non revêtue
SD26-0.14-0.65-3R1	02730627	0,14 *0.006*	0,65 *0.026*	38,0 *1.496*	1,0 *0.039*	3,0 *0.118*	130°	Non revêtue
SD26-0.15-0.65-3R1	02731613	0,15 *0.006*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Non revêtue
SD26-0.16-0.90-3R1	02730628	0,16 *0.006*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Non revêtue
SD26-0.17-0.90-3R1	02730629	0,17 *0.007*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Non revêtue
SD26-0.18-0.90-3R1	02730630	0,18 *0.007*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Non revêtue
SD26-0.19-0.90-3R1	02730631	0,19 *0.007*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Non revêtue
SD26-0.20-1.25-3R1	02731615	0,2 *0.008*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD26-0.21-1.25-3R1	02730632	0,21 *0.008*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD26-0.22-1.25-3R1	02730633	0,22 *0.009*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD26-0.23-1.25-3R1	02730634	0,23 *0.009*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD26-0.24-1.25-3R1	02730635	0,24 *0.009*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Non revêtue
SD26-0.25-1.55-3R1	02731617	0,25 *0.010*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD26-0.26-1.55-3R1	02730636	0,26 *0.010*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD26-0.27-1.55-3R1	02730637	0,27 *0.011*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD26-0.28-1.55-3R1	02730638	0,28 *0.011*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD26-0.29-1.55-3R1	02730639	0,29 *0.011*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Non revêtue
SD26-0.30-1.80-3R1	02731618	0,3 *0.012*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD26-0.31-1.80-3R1	02730640	0,31 *0.012*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD26-0.32-1.80-3R1	02730641	0,32 *0.013*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD26-0.33-1.80-3R1	02730642	0,33 *0.013*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD26-0.34-1.80-3R1	02730643	0,34 *0.013*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Non revêtue
SD26-0.35-2.20-3R1	02731619	0,35 *0.014*	2,2 *0.087*	38,0 *1.496*	2,8 *0.110*	3,0 *0.118*	130°	Non revêtue

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD26-0.36-2.20-3R1	02730644	0,36 *0.014*	2,2 *0.087*	38,0 *1.496*	2,8 *0.110*	3,0 *0.118*	130°	Non revêtue
SD26-0.37-2.20-3R1	02730645	0,37 *0.015*	2,2 *0.087*	38,0 *1.496*	2,8 *0.110*	3,0 *0.118*	130°	Non revêtue
SD26-0.38-2.20-3R1	02730646	0,38 *0.015*	2,2 *0.087*	38,0 *1.496*	2,8 *0.110*	3,0 *0.118*	130°	Non revêtue
SD26-0.39-2.70-3R1	02730647	0,39 *0.015*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.40-2.70-3R1	02731620	0,4 *0.016*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.41-2.70-3R1	02730648	0,41 *0.016*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.42-2.70-3R1	02730649	0,42 *0.017*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.43-2.70-3R1	02730650	0,43 *0.017*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.44-2.70-3R1	02730651	0,44 *0.017*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.45-2.70-3R1	02731621	0,45 *0.018*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.46-2.70-3R1	02730652	0,46 *0.018*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.47-2.70-3R1	02730653	0,47 *0.019*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.48-2.70-3R1	02730654	0,48 *0.019*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Non revêtue
SD26-0.49-3.20-3R1	02730655	0,49 *0.019*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Non revêtue
SD26-0.50-3.20-3R1	02731622	0,5 *0.020*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Non revêtue
SD26-0.51-3.20-3R1	02730656	0,51 *0.020*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Non revêtue
SD26-0.52-3.20-3R1	02730657	0,52 *0.020*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Non revêtue
SD26-0.53-3.20-3R1	02730658	0,53 *0.021*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Non revêtue
SD26-0.54-3.60-3R1	02730659	0,54 *0.021*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD26-0.55-3.60-3R1	02731623	0,55 *0.022*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD26-0.56-3.60-3R1	02730660	0,56 *0.022*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD26-0.57-3.60-3R1	02730661	0,57 *0.022*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD26-0.58-3.60-3R1	02730662	0,58 *0.023*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD26-0.59-3.60-3R1	02730663	0,59 *0.023*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD26-0.60-3.60-3R1	02731624	0,6 *0.024*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD26-0.61-3.90-3R1	02730664	0,61 *0.024*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Non revêtue
SD26-0.62-3.90-3R1	02730665	0,62 *0.024*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Non revêtue
SD26-0.63-3.90-3R1	02730666	0,63 *0.025*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Non revêtue
SD26-0.64-3.90-3R1	02730667	0,64 *0.025*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Non revêtue
SD26-0.65-3.90-3R1	02731625	0,65 *0.026*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Non revêtue
SD26-0.66-3.90-3R1	02730668	0,66 *0.026*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Non revêtue
SD26-0.67-3.90-3R1	02730669	0,67 *0.026*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Non revêtue
SD26-0.68-4.50-3R1	02730670	0,68 *0.027*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD26-0.69-4.50-3R1	02730671	0,69 *0.027*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD26-0.70-4.50-3R1	02731626	0,7 *0.028*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD26-0.71-4.50-3R1	02730672	0,71 *0.028*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD26-0.72-4.50-3R1	02730673	0,72 *0.028*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD26-0.73-4.50-3R1	02730674	0,73 *0.029*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD26-0.74-4.50-3R1	02730675	0,74 *0.029*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD26-0.75-4.50-3R1	02731627	0,75 *0.030*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Non revêtue
SD26-0.76-5.00-3R1	02730676	0,76 *0.030*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.77-5.00-3R1	02730677	0,77 *0.030*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.78-5.00-3R1	02730678	0,78 *0.031*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.79-5.00-3R1	02730679	0,79 *0.031*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.80-5.00-3R1	02731628	0,8 *0.031*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.81-5.00-3R1	02730680	0,81 *0.032*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.82-5.00-3R1	02730681	0,82 *0.032*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.83-5.00-3R1	02730682	0,83 *0.033*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.84-5.00-3R1	02730683	0,84 *0.033*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.85-5.00-3R1	02731629	0,85 *0.033*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Non revêtue
SD26-0.86-5.70-3R1	02730684	0,86 *0.034*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.87-5.70-3R1	02730685	0,87 *0.034*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.88-5.70-3R1	02730686	0,88 *0.035*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.89-5.70-3R1	02730687	0,89 *0.035*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.90-5.70-3R1	02731630	0,9 *0.035*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.91-5.70-3R1	02730688	0,91 *0.036*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.92-5.70-3R1	02730689	0,92 *0.036*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.93-5.70-3R1	02730690	0,93 *0.037*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.94-5.70-3R1	02730691	0,94 *0.037*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.95-5.70-3R1	02731631	0,95 *0.037*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Non revêtue
SD26-0.96-6.50-3R1	02730692	0,96 *0.038*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-0.97-6.50-3R1	02730693	0,97 *0.038*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-0.98-6.50-3R1	02730694	0,98 *0.039*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-0.99-6.50-3R1	02730695	0,99 *0.039*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-1.00-6.50-3R1	02731632	1,0 *0.039*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-1.01-6.50-3R1	02730696	1,01 *0.040*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-1.02-6.50-3R1	02730697	1,02 *0.040*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-1.03-6.50-3R1	02730698	1,03 *0.041*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-1.04-6.50-3R1	02730699	1,04 *0.041*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue
SD26-1.05-6.50-3R1	02730700	1,05 *0.041*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Non revêtue

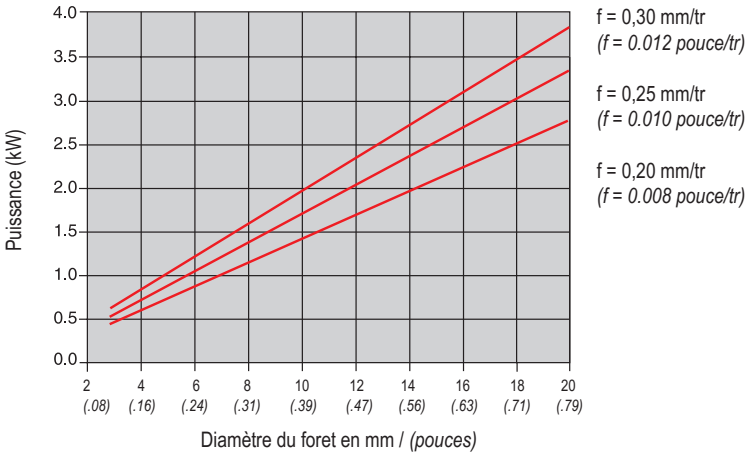
Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD26-1.06-7.30-3R1	02730701	1,06 *0.042*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.07-7.30-3R1	02730702	1,07 *0.042*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.08-7.30-3R1	02730703	1,08 *0.043*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.09-7.30-3R1	02730704	1,09 *0.043*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.10-7.30-3R1	02731633	1,1 *0.043*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.11-7.30-3R1	02730705	1,11 *0.044*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.12-7.30-3R1	02730706	1,12 *0.044*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.13-7.30-3R1	02730707	1,13 *0.044*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.14-7.30-3R1	02730708	1,14 *0.045*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.15-7.30-3R1	02730709	1,15 *0.045*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Non revêtue
SD26-1.16-8.20-3R1	02730710	1,16 *0.046*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.17-8.20-3R1	02730711	1,17 *0.046*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.18-8.20-3R1	02730712	1,18 *0.046*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.19-8.20-3R1	02730713	1,19 *0.047*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.20-8.20-3R1	02731634	1,2 *0.047*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.21-8.20-3R1	02730714	1,21 *0.048*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.22-8.20-3R1	02730715	1,22 *0.048*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.23-8.20-3R1	02730716	1,23 *0.048*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.24-8.20-3R1	02730717	1,24 *0.049*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.25-8.20-3R1	02730718	1,25 *0.049*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.26-8.20-3R1	02730719	1,26 *0.050*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.27-8.20-3R1	02730720	1,27 *0.050*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.28-8.20-3R1	02730721	1,28 *0.050*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.29-8.20-3R1	02730722	1,29 *0.051*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.30-8.20-3R1	02731635	1,3 *0.051*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Non revêtue
SD26-1.31-9.20-3R1	02730723	1,31 *0.052*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.32-9.20-3R1	02730724	1,32 *0.052*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.33-9.20-3R1	02730725	1,33 *0.052*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.34-9.20-3R1	02730726	1,34 *0.053*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.35-9.20-3R1	02730727	1,35 *0.053*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.36-9.20-3R1	02730728	1,36 *0.054*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.37-9.20-3R1	02730729	1,37 *0.054*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.38-9.20-3R1	02730730	1,38 *0.054*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.39-9.20-3R1	02730731	1,39 *0.055*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.40-9.20-3R1	02731637	1,4 *0.055*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue

Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD26-1.41-9.20-3R1	02730732	1,41 *0.056*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.42-9.20-3R1	02730733	1,42 *0.056*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.43-9.20-3R1	02730734	1,43 *0.056*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.44-9.20-3R1	02730735	1,44 *0.057*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.45-9.20-3R1	02730736	1,45 *0.057*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.46-9.20-3R1	02730737	1,46 *0.057*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.47-9.20-3R1	02730738	1,47 *0.058*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.48-9.20-3R1	02730739	1,48 *0.058*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.49-9.20-3R1	02730740	1,49 *0.059*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.50-9.20-3R1	02731638	1,5 *0.059*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Non revêtue
SD26-1.51-11.20-3R1	02730741	1,51 *0.059*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.52-11.20-3R1	02730742	1,52 *0.060*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.53-11.20-3R1	02730743	1,53 *0.060*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.54-11.20-3R1	02730744	1,54 *0.061*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.55-11.20-3R1	02730745	1,55 *0.061*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.56-11.20-3R1	02730746	1,56 *0.061*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.57-11.20-3R1	02730747	1,57 *0.062*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.58-11.20-3R1	02730748	1,58 *0.062*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.59-11.20-3R1	02730749	1,59 *0.063*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.60-11.20-3R1	02731639	1,6 *0.063*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.61-11.20-3R1	02730750	1,61 *0.063*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.62-11.20-3R1	02730751	1,62 *0.064*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.63-11.20-3R1	02730752	1,63 *0.064*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.64-11.20-3R1	02730753	1,64 *0.065*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.65-11.20-3R1	02730754	1,65 *0.065*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.66-11.20-3R1	02730755	1,66 *0.065*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.67-11.20-3R1	02730756	1,67 *0.066*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.68-11.20-3R1	02730757	1,68 *0.066*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.69-11.20-3R1	02730758	1,69 *0.067*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.70-11.20-3R1	02731640	1,7 *0.067*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.71-11.20-3R1	02730759	1,71 *0.067*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.72-11.20-3R1	02730760	1,72 *0.068*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.73-11.20-3R1	02730761	1,73 *0.068*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.74-11.20-3R1	02730762	1,74 *0.069*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.75-11.20-3R1	02730763	1,75 *0.069*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue

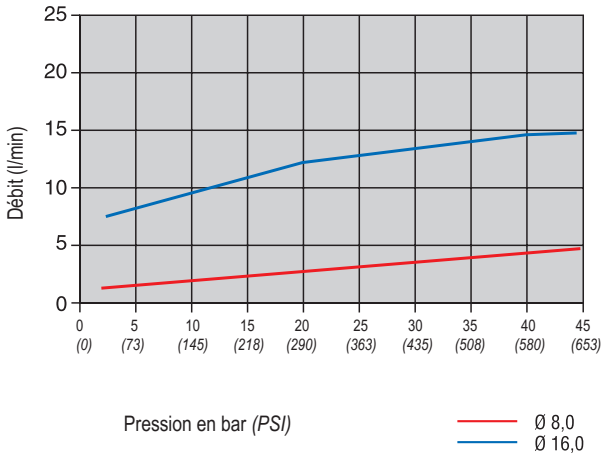
Références	Numéro de produit	DC	LU	OAL	LUX	DMM	Angle de pointe	Revêtement
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		
SD26-1.76-11.20-3R1	02730764	1,76 *0.069*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.77-11.20-3R1	02730765	1,77 *0.070*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.78-11.20-3R1	02730766	1,78 *0.070*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.79-11.20-3R1	02730767	1,79 *0.070*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.80-11.20-3R1	02731641	1,8 *0.071*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.81-11.20-3R1	02730768	1,81 *0.071*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.82-11.20-3R1	02730769	1,82 *0.072*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.83-11.20-3R1	02730770	1,83 *0.072*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.84-11.20-3R1	02730771	1,84 *0.072*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.85-11.20-3R1	02730772	1,85 *0.073*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.86-11.20-3R1	02730773	1,86 *0.073*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.87-11.20-3R1	02730774	1,87 *0.074*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.88-11.20-3R1	02730775	1,88 *0.074*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.89-11.20-3R1	02730776	1,89 *0.074*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.90-11.20-3R1	02731642	1,9 *0.075*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.91-11.20-3R1	02730777	1,91 *0.075*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.92-11.20-3R1	02730778	1,92 *0.076*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.93-11.20-3R1	02730779	1,93 *0.076*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.94-11.20-3R1	02730780	1,94 *0.076*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.95-11.20-3R1	02730781	1,95 *0.077*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.96-11.20-3R1	02730782	1,96 *0.077*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.97-11.20-3R1	02730783	1,97 *0.078*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.98-11.20-3R1	02730784	1,98 *0.078*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-1.99-11.20-3R1	02730785	1,99 *0.078*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue
SD26-2.00-11.20-3R1	02731643	2,0 *0.079*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Non revêtue

Conditions de coupe

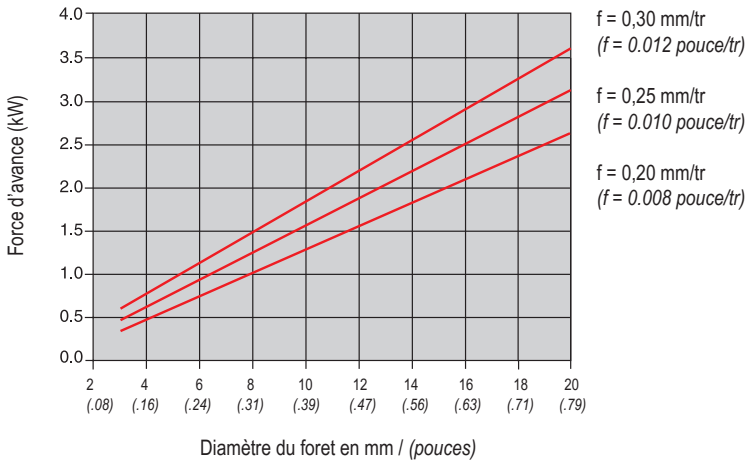
Puissance réelle absorbée



Débit et pression du liquide de coupe



Force d'avance



Méthode :
Augmenter ou diminuer l'avance pour obtenir une bonne formation du copeau.
Une avance par tour élevée permet d'obtenir des copeaux plus courts.

Les diagrammes ci-dessus donnent les valeurs moyennes. Les valeurs réelles varient en fonction de la matière, des conditions de coupe et de l'usure du foret.

Conditions de coupe

SD1103, SD1103A, SD1105A, SD203A, SD205A, SD206, SD206A, SD207A, SD216A, SD230A
IT8–9/R_a 1–3*

∅ foret DC (mm)	Tolérance IT9 (µm)	Tolérance IT10 (µm)	Foret ∅ DC *(pouces)*	Tolérance IT9 *(pouces)*	Tolérance IT10 *(pouces)*
< 3	**14**	**25**	*-0.118*	*0.0006*	*0.0010*
3-6	**18**	**30**	*> 0.118-0.236*	*0.0007*	*0.0012*
6-10	**22**	**36**	*> 0.236-0.394*	*0.0009*	*0.0014*
10-18	**27**	**43**	*> 0.394-0.709*	*0.0011*	*0.0017*
> 18	**33**	**52**	*> 0.709*	*0.0013*	*0.0020*

*Ces valeurs peuvent être dépassées dans certains aciers doux ou inoxydables.

Incidents et remèdes – Premières précautions

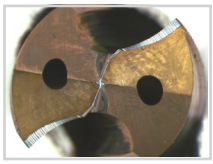
- Améliorer la stabilité du montage pièce.
- Améliorer la stabilité de la broche et du porte-outils.

- Position de l'outil :
  - Faux-rond avec 0,04 TIR
  - Si vous effectuez un pré-perçage max. 0,04 TIR

- Évacuation des copeaux :
  - Paramètres de coupe

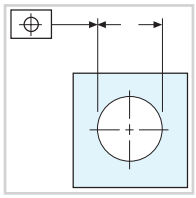
- Arrosage :
  - Pression
  - Débit
  - Concentration

Usure en dépouille rapide



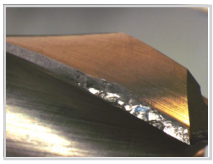
- Réduire la vitesse de coupe
- Augmenter la concentration du liquide de coupe

Tolérance de diamètre non satisfaisante



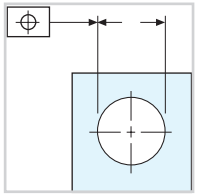
- Augmenter l'avance/tour
- Effectuer une opération d'alésage, voir page(s) 302
- Effectuer une opération d'alésage, voir page(s) 480-481

Usure sur le listel



- Réduire la vitesse de coupe
- Augmenter la concentration du liquide de coupe

Positionnement du trou non satisfaisant



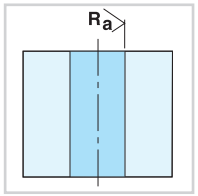
- Réduire l'avance/tour en entrée
- Réduire l'avance/tour
- Effectuer une opération d'alésage, voir page(s) 480-481
- Pour percer dans des surfaces brutes, dures ou obliques, réduire l'avance de 30-50 % en début et en fin de perçage
- Utiliser un foret à centrer avec un angle de pointe de 140°

Écaillage au centre



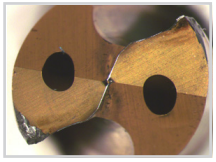
- Réduire l'avance/tour à l'entrée
- Réduire l'avance/tour
- Effectuer une opération d'alésage, voir page(s) 480-481

État de surface non satisfaisant



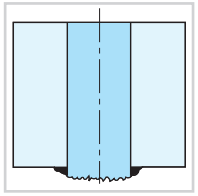
- Réduire l'avance/tour
- Augmenter la vitesse de coupe
- Effectuer une opération d'alésage, voir page(s) 302

Écaillage d'angles/arêtes



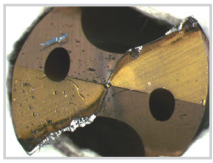
- Réduire l'avance/tour en entrée
- Réduire la vitesse de coupe
- Augmenter la concentration du liquide de coupe
- Réaffûter l'outil

Bavure en sortie



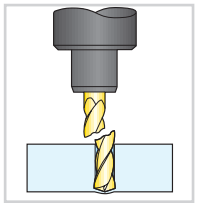
- Réduire l'avance/tour en sortie
- Réduire la largeur de la préparation de l'arête (BN)

Formation d'arêtes rapportées



- À proximité de la périphérie, augmenter la vitesse de coupe
- À proximité du centre, augmenter l'avance/tour
- Si le foret est usé, le réaffûter

Rupture au contact/ au fond du trou



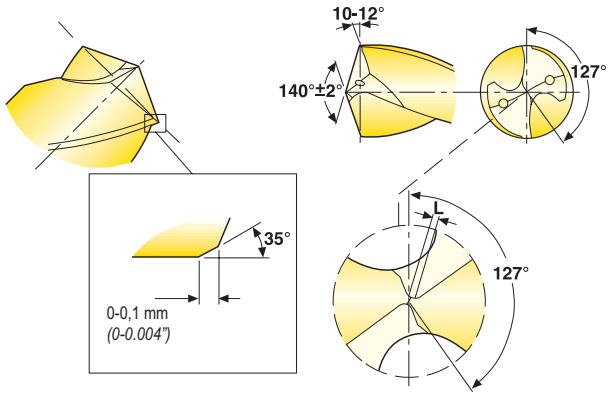
- Réduire l'avance/tour en entrée/sortie
- Modifier les données de coupe pour améliorer l'évacuation des copeaux

Instructions de réaffûtage pour SD1103, SD1103A, SD1105A, SD1108A et SD1112A

Spécifications :
Spécifications possibles des meules diamant :
Amincissement d'âme : Profil de meule 12A2 et taille de grain D54 (image 1).
Dépouille : Profil de meule 1A1 ou 1V1 et taille de grain D64-D46 (image 2-3).
Chanfrein sur bec : Profil de meule 1A1 or 12A2 (image 1).
Préparation d'arête : rectification « K-land » ou brossage (image 4).

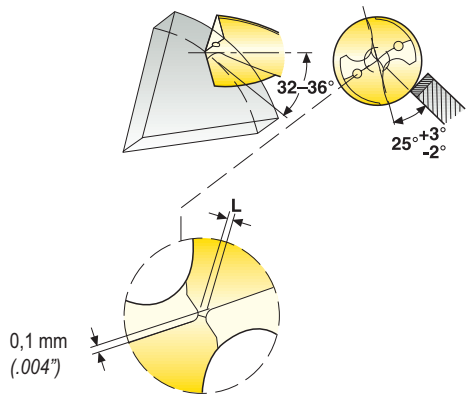
Important :
- Les arêtes de coupe doivent être uniformes et avoir la même valeur de préparation d'arête.
- La préparation de l'arête doit être effectuée sur toute la longueur de l'arête de coupe.

1. Dépouille frontale à facettes



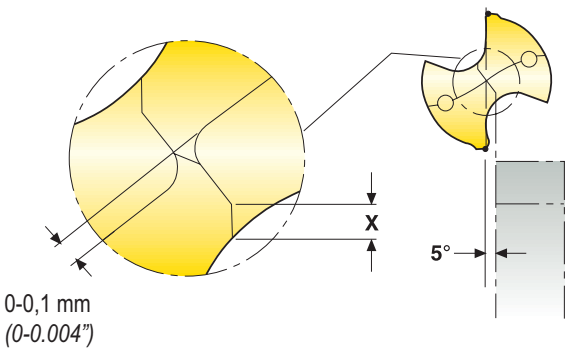
La hauteur des lèvres (faux-rond axial) doit impérativement être inférieure à 0,02 mm *(0.008")*

2. Amincissement de l'âme



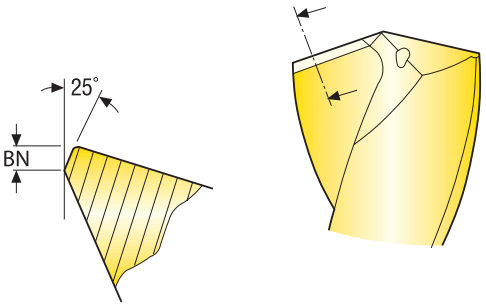
Foret ∅ DC mm	L mm	Foret ∅ DC *pouces*	L *pouces*
2-10	0,1-0,3	*0.079-0.394*	*0.004-0.012*
10-20	0,2-0,4	*0.394-0.787*	*0.008-0.016*

3. Affûtage du plat X



X = 0,08 x (0.003) x diamètre du foret DC

4. Préparation d'arête



Matière usinée	BN ∅ foret			
	≤ 10 mm	> 10 mm	≤ 0.394 *pouces*	> 0.394 *pouces*
Acier	0,05	0,10	*0.002*	*0.004*
Acier inoxydable	0,05	0,05	*0.002*	*0.002*
Fontes	0,05	0,10	*0.002*	*0.004*

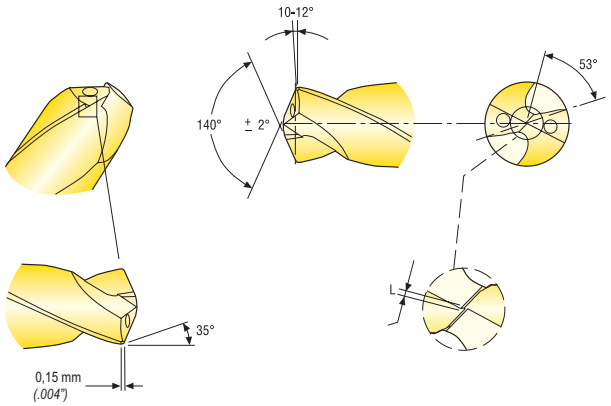
L'usure en dépouille maximum autorisée avant de réaffûter est de 0,1-0,3 mm *(0.004-0.012")*, mesurée au point le plus fort.

Instructions de réaffûtage pour géométrie P – SD203A, SD205A et SD207A

Spécifications :
Spécifications possibles des meules diamant :
Dégagement conique : Profil de meule 12A2 et taille de grain D54 (image 1).
Dépouille : Profil de meule 1A1 ou 1V1 et taille de grain D64-D46 (image 2-3).
Chanfrein sur bec : Profil de meule 1A1 or 12A2 (image 1).
Préparation d'arête : rectification « K-land » ou brossage (image 4).

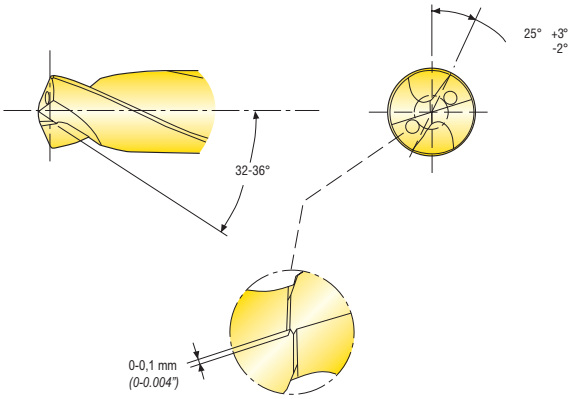
Important :
- Les arêtes de coupe doivent être uniformes et avoir la même valeur de préparation d'arête.
- La préparation de l'arête doit être effectuée sur toute la longueur de l'arête de coupe.

1. Dépouille frontale conique



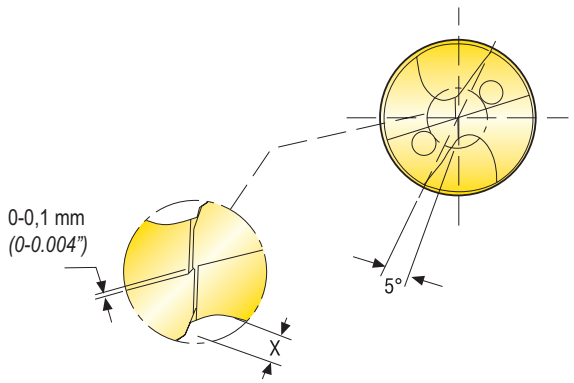
La hauteur des lèvres (faux-rond axial) doit impérativement être inférieure à 0,02 mm *(0.008")*

2. Amincissement de l'âme



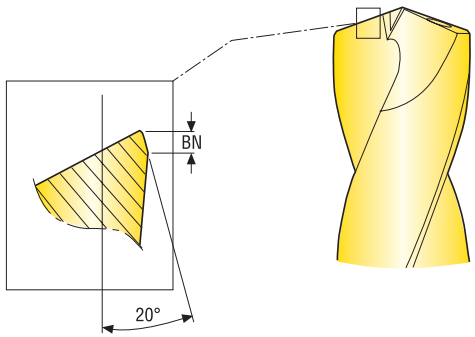
Foret ∅ DC mm	L mm	Foret ∅ DC *pouces*	L *pouces*
2-10	0,1-0,3	*0.079-0.394*	*0.004-0.012*
10-20	0,2-0,4	*0.394-0.787*	*0.008-0.016*

3. Affûtage du plat X



X = 0,08 x (0.003) x diamètre du foret DC

4. Préparation d'arête



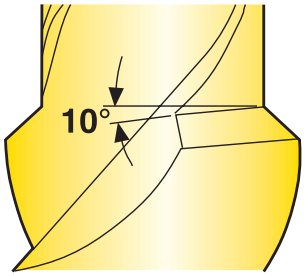
Matière usinée	BN ∅ foret			
	≤ 10 mm	> 10 mm	≤ 0.394 *pouces*	> 0.394 *pouces*
Acier	0,05	0,10	*0.002*	*0.004*
Acier inoxydable	0,05	0,05	*0.002*	*0.002*
Fontes	0,05	0,10	*0.002*	*0.004*

L'usure en dépouille maximum autorisée avant de réaffûter est de 0,1-0,3 mm *(0.004-0.012")*, mesurée au point le plus fort.

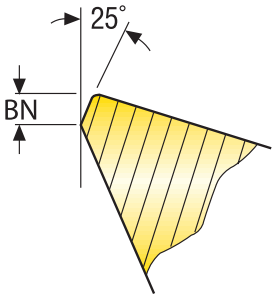
Réaffûtage des forets à chanfreiner

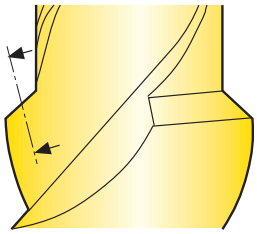
Les instructions de réaffûtage sont identiques pour les forets SD203,SD203A,SD205A et SD207A excepté pour le chanfrein.

1. Dépouille sur chanfrein



2. Préparation de l'arête, chanfrein





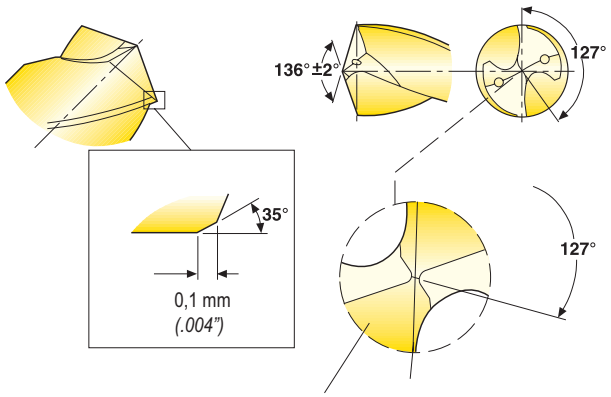
Matière usinée	BN ∅ foret			
	≤ 10 mm	**> 10 mm**	**≤ 0.394** *pouces*	**> 0.394** *pouces*
Acier	0,05	0,05	*0.002*	*0.002*
Acier inoxydable	0,05	0,05	*0.002*	*0.002*
Fontes	0,05	0,05	*0.002*	*0.002*

Instructions de réaffûtage pour les géométries SD212A, SD216A, SD220A, SD225A et SD230A

Spécifications :
Spécifications possibles des meules diamant :
Amincissement d'âme : Profil de meule 11V9 et taille de grain D54 (image 1).
Dépouille : Profil de meule 1A1 ou 1V1 et taille de grain D64-D46 (image 2-3).
Chanfrein sur bec : Profil de meule 1A1 or 12A2 (image 1).
Préparation d'arête : rectification « K-land » ou brossage (image 4).

Important :
- Les arêtes de coupe doivent être uniformes et avoir la même valeur de préparation d'arête.
- La préparation de l'arête doit être effectuée sur toute la longueur de l'arête de coupe.

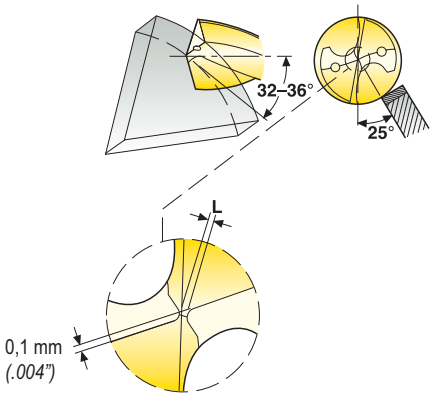
1. Dépouille frontale conique



Angle de dégagement secondaire 20° Angle de dégagement primaire 10°

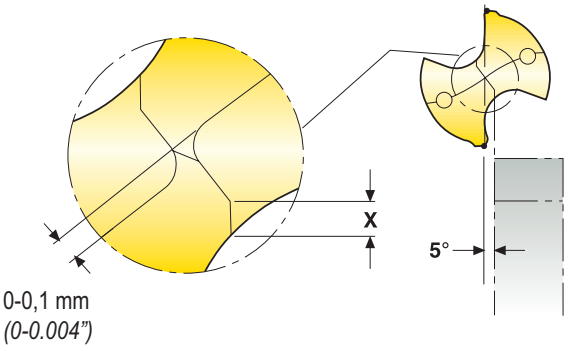
La hauteur des lèvres (faux-rond axial) doit impérativement être inférieure à 0,02 mm *(0.008")*

2. Amincissement de l'âme



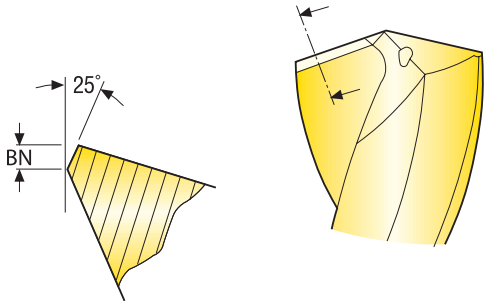
Foret ∅ DC mm	L mm	Foret ∅ DC *pouces*	L *pouces*
2-10	0,2	*0.079-0.394*	*0.008*
10-20	0,4	*0.394-0.787*	*0.016*

3. Affûtage du plat X



X = 0,08 x (0.003) x diamètre du foret DC

4. Préparation d'arête

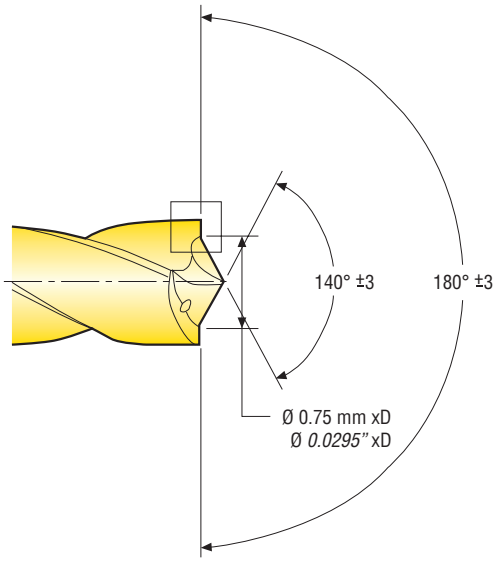


Matière usinée	BN ∅ foret			
	≤ 10 mm	> 10 mm	≤ 0.394 *pouces*	> 0.394 *pouces*
Acier	0,05	0,10	*0.002*	*0.004*
Acier inoxydable	0,05	0,05	*0.002*	*0.002*
Fontes	0,05	0,10	*0.002*	*0.004*

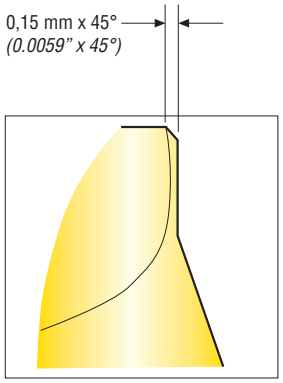
L'usure en dépouille maximum autorisée avant de réaffûter est de 0,1-0,3 mm *(0.004-0.012")*, mesurée au point le plus fort.

Instructions de réaffûtage pour SD243, SD243A, SD245A et SD247A

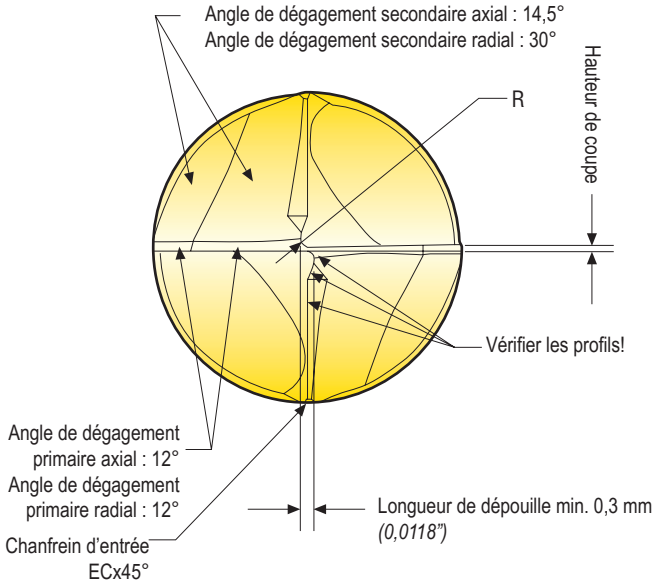
1. Angle d'attaque



2. Chanfrein sur bec

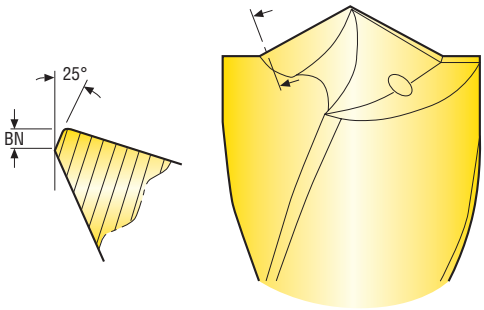


3.



Dimensions en mm *(pouces)*	Hauteur de coupe mm *(pouces)*	R mm *(pouces)*	EC mm *(pouces)*
– 10 *(0.3937)*	0,2 *(0.0079)*	0,2 *(0.0079)*	0,3 *(0.0118)*
10,01 *(0.3941)* –	0,3 *(0.0118)*	0,4 *(0.0157)*	0,5 *(0.0197)*

4. Préparation d'arête



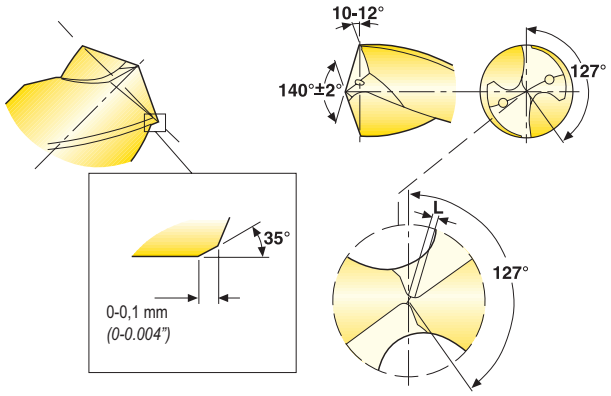
Matière usinée	BN ∅ foret			
	≤ 10 mm	> 10 mm	≤ 0.394 *pouces*	> 0.394 *pouces*
Acier	0,05	0,10	*0.002*	*0.004*
Acier inoxydable	0,05	0,05	*0.002*	*0.002*
Fontes	0,05	0,10	*0.002*	*0.004*

Instructions de réaffûtage pour SD265A

Spécifications :
Spécifications possibles des meules diamant :
Dégagement conique : Profil de meule 12A2 et taille de grain D54 (image 1).
Dépouille : Profil de meule 1A1 ou 1V1 et taille de grain D64-D46 (image 2-3).
Chanfrein sur bec : Profil de meule 1A1 or 12A2 (image 1).
Préparation d'arête : rectification « K-land » ou brossage (image 4).

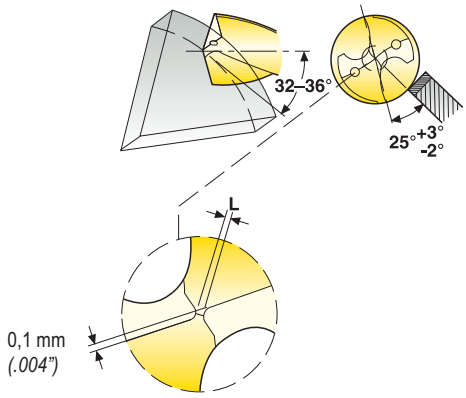
Important :
- Les arêtes de coupe doivent être uniformes et avoir la même valeur de préparation d'arête.
- La préparation de l'arête doit être effectuée sur toute la longueur de l'arête de coupe.

1. Dépouille frontale conique



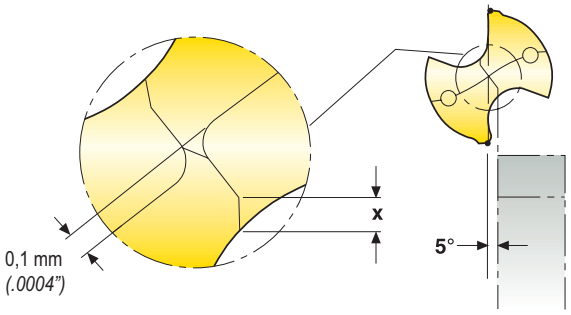
La hauteur des lèvres (faux-rond axial) doit impérativement être inférieure à 0,02 mm *(0.008")*

2. Amincissement de l'âme



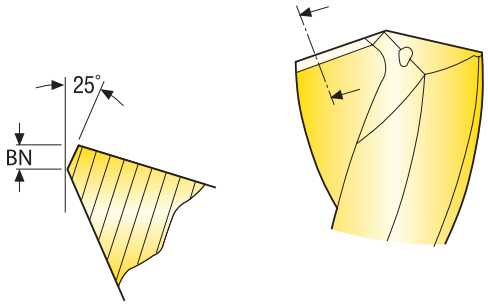
Foret ∅ DC mm	L mm	Foret ∅ DC *pouces*	L *pouces*
2-10	0,2	*0.079-0.394*	*0.008*
10-20	0,4	*0.394-0.787*	*0.016*

3. Affûtage du plat X



X = 0,08 x (0.003) x diamètre du foret DC

4. Préparation d'arête



Matière usinée	BN ∅ foret ≤ 10 mm	BN ∅ foret > 10 mm	BN ∅ foret ≤ 0.394 *pouces*	BN ∅ foret > 0.394 *pouces*
Acier	0,05	0,10	*0.002*	*0.004*
Acier inoxydable	0,05	0,05	*0.002*	*0.002*
Fontes	0,05	0,10	*0.002*	*0.004*

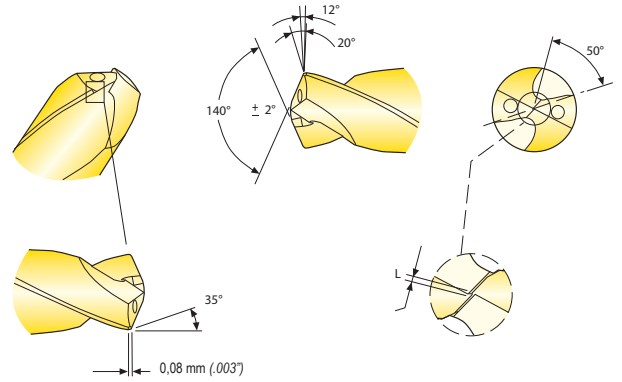
L'usure en dépouille maximum autorisée avant de réaffûter est de 0,1-0,3 mm *(0.004-0.012")*, mesurée au point le plus fort.

Instructions de réaffûtage pour les géométries MS

Spécifications :
Spécifications possibles des meules diamant :
Dégagement conique : Profil de meule 12A2 et taille de grain D54 (image 1).
Dépouille : Profil de meule 1A1 ou 1V1 et taille de grain D64-D46 (image 2-3).
Chanfrein sur bec : Profil de meule 1A1 or 12A2 (image 1).
Préparation d'arête : rectification « K-land » ou brossage (image 4).

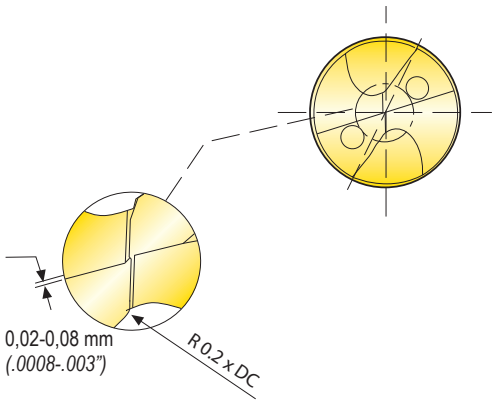
Important :
- Les arêtes de coupe doivent être uniformes et avoir la même valeur de préparation d'arête.
- La préparation de l'arête doit être effectuée sur toute la longueur de l'arête de coupe.

1. Quatre facettes

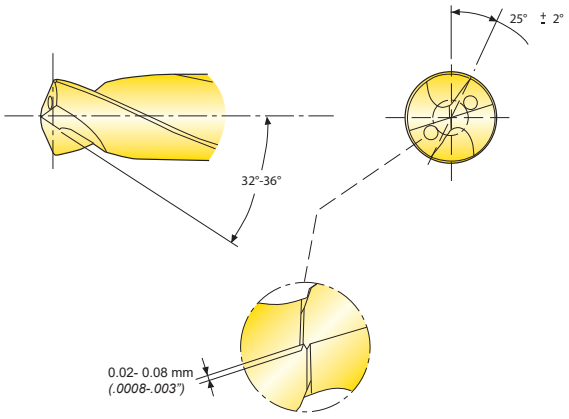


La hauteur des lèvres (faux-rond axial) doit impérativement être inférieure à 0,02 mm *(0.008")*

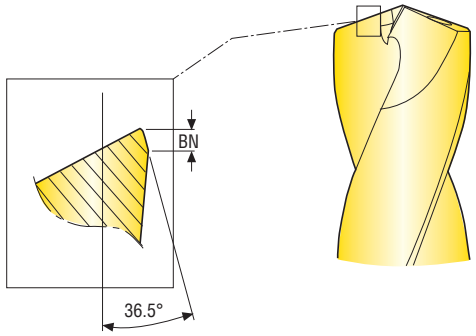
2. Rectification du rayon R



3. Amincissement de l'âme



4. Préparation d'arête



Foret ∅ DC mm	BN mm	Foret ∅ DC *pouces*	BN *pouces*
2-3	0,2	*0.079-0.118*	*0.00787*
3-6	0,025	*0.118-0.236*	*0.00098*
6-10	0,04	*0.236-0.394*	*0.00157*
10-20	0,055	*0.394-0.787*	*0.00216*
20-	0,07	*0.787-*	*0.00275*

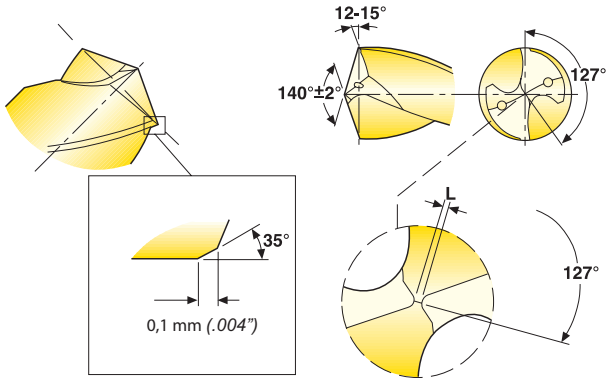
L'usure en dépouille maximum autorisée avant de réaffûter est de 0,1-0,3 mm *(0.004-0.012")*, mesurée au point le plus fort.

Instruction de réaffûtage pour les géométries M et T

Spécifications :
Spécifications possibles des meules diamant :
Dégagement conique : Profil de meule 12A2 et taille de grain D54 (image 1).
Dépouille : Profil de meule 1A1 ou 1V1 et taille de grain D64-D46 (image 2-3).
Chanfrein sur bec : Profil de meule 1A1 or 12A2 (image 1).
Préparation d'arête : rectification « K-land » ou brossage (image 4).

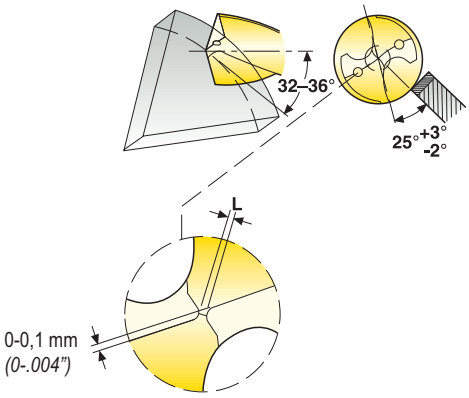
Important :
- Les arêtes de coupe doivent être uniformes et avoir la même valeur de préparation d'arête.
- La préparation de l'arête doit être effectuée sur toute la longueur de l'arête de coupe.

1. Dépouille frontale conique



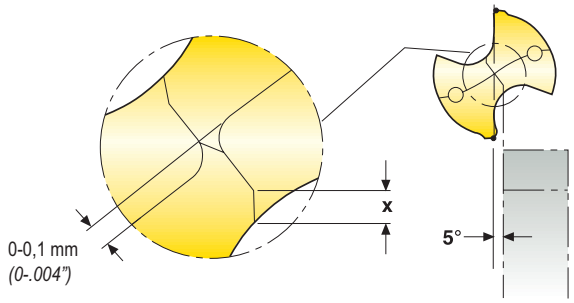
La hauteur des lèvres (faux-rond axial) doit impérativement être inférieure à 0,01 mm *(0.0004")*

2. Amincissement de l'âme

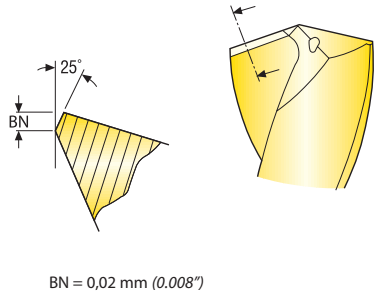


Foret ∅ DC mm	L mm	Foret ∅ DC *pouces*	L *pouces*
3-6	0,1-0,2	*0.118-0.236*	*0.004-0.008*
6-10	0,13-0,27	*0.236-0.394*	*0.005-0.011*
10-20	0,2-0,4	*0.394-0.787*	*0.008-0.016*

3. Affûtage du plat X



4. Préparation d'arête



BN = 0,02 mm *(0.008")*

L'usure en dépouille maximum autorisée avant de réaffûter est de 0,1-0,3 mm *(0.004-0.012")*, mesurée au point le plus fort.

SD1103 – ∅ 3-20 mm / *0.118-0.787 pouces*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	105 *345*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	105 *345*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	90 *295*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	80 *260*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	85 *280*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	80 *260*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	75 *245*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	46 *150*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	55 *180*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	45 *150*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	70 *230*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	60 *195*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	50 *165*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	49 *160*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	29 *95*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	24 *80*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	45 *150*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	24 *80*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	45 *150*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	60 *195*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	27 *90*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD1103A – ∅ **3-20 mm /** *0.118-0.787 pouces*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	150 *490*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	145 *475*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	125 *410*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	110 *360*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	105 *345*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	120 *395*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	110 *360*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	105 *345*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	50 *165*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	80 *260*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	65 *215*
M3	0,055 *0.0022*	0,070 *0.0028*	0,095 *0.0038*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	48 *155*
M4	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	36 *120*
M5	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	30 *100*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	95 *310*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	80 *260*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	70 *230*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	65 *215*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	39 *130*
N1	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	260 *850*
N2	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	170 *560*
N3	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	110 *360*
N11	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	210 *690*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	34 *110*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	65 *215*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	34 *110*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	65 *215*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	80 *260*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	38 *125*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD1105A – ∅ 3-20 mm / *0.118-0.787 pouces*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	135 *445*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	135 *445*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	115 *375*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	100 *330*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	95 *310*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	110 *360*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	100 *330*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	95 *310*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	65 *215*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	48 *155*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	70 *230*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	60 *195*
M3	0,055 *0.0022*	0,070 *0.0028*	0,095 *0.0038*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	44 *145*
M4	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	33 *110*
M5	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	27 *90*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	85 *280*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	65 *215*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	60 *195*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	36 *120*
N1	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	240 *790*
N2	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	155 *510*
N3	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	100 *330*
N11	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	190 *620*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	31 *100*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	60 *195*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	31 *100*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	60 *195*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	75 *245*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	35 *115*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD1108A – ∅ 3-20 mm / *0.118-0.787 pouces*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	120 *395*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	115 *375*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	100 *330*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	85 *280*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	85 *280*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	95 *310*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	90 *295*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	85 *280*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	60 *195*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	42 *140*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	60 *195*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	50 *165*
M3	0,055 *0.0022*	0,070 *0.0028*	0,095 *0.0038*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	38 *125*
M4	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	29 *95*
M5	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	24 *80*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	75 *245*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	65 *215*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	55 *180*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	50 *165*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	31 *100*
N1	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	205 *670*
N2	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	135 *445*
N3	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	90 *295*
N11	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	165 *540*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	27 *90*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	50 *165*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	27 *90*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	50 *165*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	65 *215*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	30 *100*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

Pour le perçage des aciers inoxydables en 8xD et 12xD, un pré-perçage peut s'avérer nécessaire.

SD1112A – ∅ 3-20 mm / *0.118-0.787 pouces*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	100 *330*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	100 *330*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	85 *280*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	70 *230*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	80 *260*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	70 *230*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	50 *165*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	36 *120*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	55 *180*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	43 *140*
M3	0,055 *0.0022*	0,070 *0.0028*	0,095 *0.0038*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	33 *110*
M4	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	25 *80*
M5	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	21 *70*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	65 *215*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	55 *180*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	47 *155*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	45 *150*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	27 *90*
N1	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	180 *590*
N2	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	115 *375*
N3	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	75 *245*
N11	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	145 *475*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	23 *75*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	43 *140*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	23 *75*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	43 *140*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	55 *180*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	26 *85*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

Pour le perçage des aciers inoxydables en 8xD et 12xD, un pré-perçage peut s'avérer nécessaire.

SD203A – ∅ 2-8 mm / *0.079-0.315 pouces*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P1	P	0,14	0,17	0,20	0,24	0,26	0,32	185
	P	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.013*	*610*
P2	P	0,14	0,17	0,20	0,24	0,26	0,32	180
	P	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.013*	*590*
P3	P	0,14	0,16	0,19	0,22	0,25	0,32	155
	P	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*510*
P4	P	0,10	0,13	0,15	0,17	0,19	0,24	210
	P	*0.0040*	*0.0050*	*0.0060*	*0.0065*	*0.0075*	*0.0095*	*690*
P5	P	0,10	0,12	0,14	0,17	0,19	0,22	205
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*670*
P6	P	0,10	0,12	0,14	0,16	0,19	0,22	230
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*750*
P7	P	0,10	0,12	0,14	0,16	0,19	0,22	215
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*710*
P8	P	0,11	0,13	0,15	0,17	0,19	0,24	200
	P	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0075*	*0.0095*	*660*
P11	P	0,060	0,075	0,085	0,10	0,11	0,14	105
	P	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*345*
P12	P	0,060	0,075	0,085	0,10	0,11	0,14	75
	P	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*245*
M1	MS	0,075	0,095	0,11	0,13	0,15	0,19	110
	MS	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*360*
M2	MS	0,065	0,085	0,10	0,12	0,14	0,17	90
	MS	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*295*
M3	MS	0,095	0,11	0,13	0,15	0,17	0,20	45
	MS	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0080*	*150*
M4	MS	0,048	0,060	0,070	0,085	0,095	0,12	50
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*165*
M5	MS	0,048	0,060	0,070	0,085	0,095	0,12	42
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*140*
K1	P	0,15	0,18	0,22	0,25	0,28	0,36	175
	P	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.014*	*570*
K2	P	0,14	0,17	0,20	0,22	0,26	0,32	150
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*490*
K3	P	0,14	0,17	0,20	0,22	0,26	0,32	125
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*410*
K4	P	0,14	0,17	0,20	0,22	0,26	0,32	120
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*395*
K5	P	0,12	0,15	0,18	0,20	0,24	0,28	70
	P	*0.0048*	*0.0060*	*0.0070*	*0.0080*	*0.0095*	*0.011*	*230*
N1	N	0,13	0,16	0,19	0,22	0,26	0,32	350
	N	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1150*
N2	MS	0,13	0,16	0,19	0,22	0,26	0,32	225
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*740*
N3	MS	0,13	0,16	0,19	0,22	0,26	0,32	150
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*490*
N11	MS	0,13	0,16	0,19	0,22	0,26	0,32	285
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*940*
S1	MS	0,040	0,048	0,055	0,065	0,075	0,095	39
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*130*
S2	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S3	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S11	MS	0,070	0,085	0,095	0,11	0,12	0,14	70
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*230*
S12	MS	0,070	0,085	0,095	0,11	0,12	0,14	55
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*180*
S13	MS	0,065	0,075	0,085	0,095	0,10	0,12	43
	MS	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*140*
H3	P	0,055	0,070	0,080	0,090	0,10	0,12	28
	P	*0.0022*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*90*
H5	P	0,085	0,10	0,12	0,13	0,15	0,18	55
	P	*0.0034*	*0.0040*	*0.0048*	*0.0050*	*0.0060*	*0.0070*	*180*
H7	P	0,055	0,070	0,080	0,090	0,10	0,12	28
	P	*0.0022*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*90*
H8	P	0,065	0,080	0,090	0,10	0,12	0,14	55
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*180*
H11	P	0,085	0,10	0,12	0,13	0,15	0,18	65
	P	*0.0034*	*0.0040*	*0.0048*	*0.0050*	*0.0060*	*0.0070*	*215*
H12	P	0,065	0,080	0,090	0,10	0,12	0,14	80
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*260*
H21	P	0,065	0,080	0,090	0,10	0,12	0,14	55
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*180*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD203A – ∅ 10-20 mm / *0.394-0.787 pouces*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,38	0,44	0,48	0,50	0,55	0,55	185
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*610*
P2	P	0,38	0,44	0,48	0,50	0,55	0,60	180
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*590*
P3	P	0,36	0,42	0,46	0,50	0,50	0,55	155
	P	*0.014*	*0.017*	*0.018*	*0.020*	*0.020*	*0.022*	*510*
P4	P	0,28	0,30	0,34	0,36	0,38	0,40	210
	P	*0.011*	*0.012*	*0.013*	*0.014*	*0.015*	*0.016*	*690*
P5	P	0,26	0,30	0,32	0,34	0,36	0,38	205
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*670*
P6	P	0,26	0,30	0,32	0,34	0,36	0,38	230
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*750*
P7	P	0,26	0,30	0,32	0,34	0,36	0,38	215
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*710*
P8	P	0,28	0,32	0,34	0,36	0,38	0,40	200
	P	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*660*
P11	P	0,16	0,18	0,20	0,22	0,24	0,24	105
	P	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*345*
P12	P	0,16	0,18	0,20	0,22	0,24	0,24	75
	P	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*245*
M1	MS	0,22	0,25	0,28	0,30	0,30	0,32	110
	MS	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*360*
M2	MS	0,20	0,22	0,25	0,26	0,28	0,30	90
	MS	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*295*
M3	MS	0,24	0,26	0,28	0,30	0,32	0,34	45
	MS	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*150*
M4	MS	0,14	0,16	0,17	0,19	0,20	0,20	50
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*165*
M5	MS	0,14	0,16	0,17	0,19	0,20	0,20	42
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*140*
K1	P	0,42	0,48	0,50	0,55	0,60	0,65	175
	P	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*0.026*	*570*
K2	P	0,38	0,42	0,48	0,50	0,55	0,55	150
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*490*
K3	P	0,38	0,42	0,48	0,50	0,55	0,55	125
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*410*
K4	P	0,38	0,42	0,48	0,50	0,55	0,55	120
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*395*
K5	P	0,34	0,38	0,42	0,46	0,48	0,50	70
	P	*0.013*	*0.015*	*0.017*	*0.018*	*0.019*	*0.020*	*230*
N1	N	0,38	0,42	0,46	0,50	0,55	0,55	350
	N	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*1150*
N2	MS	0,38	0,42	0,46	0,50	0,55	0,55	225
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*740*
N3	MS	0,38	0,42	0,46	0,50	0,55	0,55	150
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*490*
N11	MS	0,38	0,42	0,46	0,50	0,55	0,55	285
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*940*
S1	MS	0,11	0,13	0,15	0,16	0,17	0,19	39
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*130*
S2	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S3	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S11	MS	0,17	0,19	0,22	0,24	0,25	0,26	70
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*230*
S12	MS	0,17	0,19	0,22	0,24	0,25	0,26	55
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*180*
S13	MS	0,15	0,17	0,19	0,20	0,22	0,22	43
	MS	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*140*
H3	P	0,14	0,16	0,18	0,19	0,20	0,20	28
	P	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*90*
H5	P	0,22	0,24	0,26	0,28	0,30	0,32	55
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*180*
H7	P	0,14	0,16	0,18	0,19	0,20	0,20	28
	P	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*90*
H8	P	0,16	0,19	0,20	0,22	0,24	0,24	55
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*180*
H11	P	0,22	0,24	0,26	0,28	0,30	0,32	65
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*215*
H12	P	0,16	0,19	0,20	0,22	0,24	0,24	80
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*260*
H21	P	0,16	0,19	0,20	0,22	0,24	0,24	55
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*180*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD205A – ∅ 2-8 mm / *0.079-0.315 pouces*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P1	P	0,14	0,17	0,20	0,24	0,26	0,32	170
	P	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.013*	*560*
P2	P	0,14	0,17	0,20	0,24	0,26	0,32	165
	P	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.013*	*540*
P3	P	0,14	0,16	0,19	0,22	0,25	0,32	140
	P	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*460*
P4	P	0,10	0,13	0,15	0,17	0,19	0,24	195
	P	*0.0040*	*0.0050*	*0.0060*	*0.0065*	*0.0075*	*0.0095*	*640*
P5	P	0,10	0,12	0,14	0,17	0,19	0,22	185
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*610*
P6	P	0,10	0,12	0,14	0,16	0,19	0,22	210
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*690*
P7	P	0,10	0,12	0,14	0,16	0,19	0,22	200
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*660*
P8	P	0,11	0,13	0,15	0,17	0,19	0,24	185
	P	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0075*	*0.0095*	*610*
P11	P	0,060	0,075	0,085	0,10	0,11	0,14	95
	P	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*310*
P12	P	0,060	0,075	0,085	0,10	0,11	0,14	65
	P	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*215*
M1	MS	0,075	0,095	0,11	0,13	0,15	0,19	110
	MS	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*360*
M2	MS	0,065	0,085	0,10	0,12	0,14	0,17	90
	MS	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*295*
M3	MS	0,095	0,11	0,13	0,15	0,17	0,20	45
	MS	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0080*	*150*
M4	MS	0,048	0,060	0,070	0,085	0,095	0,12	50
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*165*
M5	MS	0,048	0,060	0,070	0,085	0,095	0,12	42
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*140*
K1	P	0,15	0,18	0,22	0,25	0,28	0,36	160
	P	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.014*	*520*
K2	P	0,14	0,17	0,20	0,22	0,26	0,32	135
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*445*
K3	P	0,14	0,17	0,20	0,22	0,26	0,32	115
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*375*
K4	P	0,14	0,17	0,20	0,22	0,26	0,32	110
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*360*
K5	P	0,12	0,15	0,18	0,20	0,24	0,28	65
	P	*0.0048*	*0.0060*	*0.0070*	*0.0080*	*0.0095*	*0.011*	*215*
N1	N	0,13	0,16	0,19	0,22	0,26	0,32	350
	N	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1150*
N2	MS	0,13	0,16	0,19	0,22	0,26	0,32	225
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*740*
N3	MS	0,13	0,16	0,19	0,22	0,26	0,32	150
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*490*
N11	MS	0,13	0,16	0,19	0,22	0,26	0,32	285
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*940*
S1	MS	0,040	0,048	0,055	0,065	0,075	0,095	39
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*130*
S2	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S3	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S11	MS	0,070	0,085	0,095	0,11	0,12	0,14	70
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*230*
S12	MS	0,070	0,085	0,095	0,11	0,12	0,14	55
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*180*
S13	MS	0,065	0,075	0,085	0,095	0,10	0,12	43
	MS	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*140*
H3	P	0,055	0,070	0,080	0,090	0,10	0,12	26
	P	*0.0022*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*85*
H5	P	0,085	0,10	0,12	0,13	0,15	0,18	48
	P	*0.0034*	*0.0040*	*0.0048*	*0.0050*	*0.0060*	*0.0070*	*155*
H7	P	0,055	0,070	0,080	0,090	0,10	0,12	26
	P	*0.0022*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*85*
H8	P	0,065	0,080	0,090	0,10	0,12	0,14	48
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*155*
H11	P	0,085	0,10	0,12	0,13	0,15	0,18	60
	P	*0.0034*	*0.0040*	*0.0048*	*0.0050*	*0.0060*	*0.0070*	*195*
H12	P	0,065	0,080	0,090	0,10	0,12	0,14	70
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*230*
H21	P	0,065	0,080	0,090	0,10	0,12	0,14	48
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*155*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD205A – ∅ 10-20 mm / *0.394-0.787 pouces*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,38	0,44	0,48	0,50	0,55	0,55	170
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*560*
P2	P	0,38	0,44	0,48	0,50	0,55	0,60	165
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*540*
P3	P	0,36	0,42	0,46	0,50	0,50	0,55	140
	P	*0.014*	*0.017*	*0.018*	*0.020*	*0.020*	*0.022*	*460*
P4	P	0,28	0,30	0,34	0,36	0,38	0,40	195
	P	*0.011*	*0.012*	*0.013*	*0.014*	*0.015*	*0.016*	*640*
P5	P	0,26	0,30	0,32	0,34	0,36	0,38	185
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*610*
P6	P	0,26	0,30	0,32	0,34	0,36	0,38	210
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*690*
P7	P	0,26	0,30	0,32	0,34	0,36	0,38	200
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*660*
P8	P	0,28	0,32	0,34	0,36	0,38	0,40	185
	P	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*610*
P11	P	0,16	0,18	0,20	0,22	0,24	0,24	95
	P	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*310*
M1	MS	0,22	0,25	0,28	0,30	0,30	0,32	110
	MS	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*360*
M2	MS	0,20	0,22	0,25	0,26	0,28	0,30	90
	MS	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*295*
M3	MS	0,24	0,26	0,28	0,30	0,32	0,34	45
	MS	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*150*
M4	MS	0,14	0,16	0,17	0,19	0,20	0,20	50
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*165*
M5	MS	0,14	0,16	0,17	0,19	0,20	0,20	42
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*140*
K1	P	0,42	0,48	0,50	0,55	0,60	0,65	160
	P	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*0.026*	*520*
K2	P	0,38	0,42	0,48	0,50	0,55	0,55	135
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*445*
K3	P	0,38	0,42	0,48	0,50	0,55	0,55	115
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*375*
K4	P	0,38	0,42	0,48	0,50	0,55	0,55	110
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*360*
K5	P	0,34	0,38	0,42	0,46	0,48	0,50	65
	P	*0.013*	*0.015*	*0.017*	*0.018*	*0.019*	*0.020*	*215*
N1	N	0,38	0,42	0,46	0,50	0,55	0,55	350
	N	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*1150*
N2	MS	0,38	0,42	0,46	0,50	0,55	0,55	225
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*740*
N3	MS	0,38	0,42	0,46	0,50	0,55	0,55	150
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*490*
N11	MS	0,38	0,42	0,46	0,50	0,55	0,55	285
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*940*
S1	MS	0,11	0,13	0,15	0,16	0,17	0,19	39
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*130*
S2	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S3	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S11	MS	0,17	0,19	0,22	0,24	0,25	0,26	70
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*230*
S12	MS	0,17	0,19	0,22	0,24	0,25	0,26	55
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*180*
S13	MS	0,15	0,17	0,19	0,20	0,22	0,22	43
	MS	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*140*
H3	P	0,14	0,16	0,18	0,19	0,20	0,20	26
	P	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*85*
H5	P	0,22	0,24	0,26	0,28	0,30	0,32	48
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*155*
H7	P	0,14	0,16	0,18	0,19	0,20	0,20	26
	P	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*85*
H8	P	0,16	0,19	0,20	0,22	0,24	0,24	48
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*155*
H11	P	0,22	0,24	0,26	0,28	0,30	0,32	60
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*195*
H12	P	0,16	0,19	0,20	0,22	0,24	0,24	70
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*230*
H21	P	0,16	0,19	0,20	0,22	0,24	0,24	48
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*155*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD206 – ∅ 0,7-2 mm / *0.0276-0.0787 pouces*

SMG		f			v_c
		Ø 0,70 *Ø 0.0276*	Ø 1,00 *Ø 0.0394*	Ø 2,00 *Ø 0,0787*	
P1	P *P*	0,080 *0.0032*	0,090 *0.0036*	0,11 *0.0044*	140 *460*
P2	P *P*	0,085 *0.0034*	0,090 *0.0036*	0,12 *0.0048*	140 *460*
P3	P *P*	0,080 *0.0032*	0,085 *0.0034*	0,11 *0.0044*	120 *395*
P4	P *P*	0,080 *0.0032*	0,085 *0.0034*	0,11 *0.0044*	105 *345*
P5	P *P*	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	100 *330*
P6	P *P*	0,075 *0.0030*	0,080 *0.0032*	0,10 *0.0040*	110 *360*
P7	P *P*	0,075 *0.0030*	0,080 *0.0032*	0,10 *0.0040*	105 *345*
P8	P *P*	0,080 *0.0032*	0,085 *0.0034*	0,11 *0.0044*	100 *330*
P11	P *P*	0,075 *0.0030*	0,080 *0.0032*	0,10 *0.0040*	105 *345*
P12	P *P*	0,050 *0.0020*	0,055 *0.0022*	0,070 *0.0028*	60 *195*
K1	P *P*	0,085 *0.0034*	0,090 *0.0036*	0,12 *0.0048*	100 *330*
K2	P *P*	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	85 *280*
K3	P *P*	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	75 *245*
K4	P *P*	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	70 *230*
K5	P *P*	0,070 *0.0028*	0,075 *0.0030*	0,095 *0.0038*	42 *140*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD206A – ∅ 1-2 mm / *0.0394-0.0787 pouces*

SMG		f			v_c
		Ø 1,00 *Ø 0.0394*	Ø 1,50 *Ø 0.0591*	Ø 2,00 *Ø 0.0787*	
P1	P *P*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	175 *570*
P2	P *P*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	170 *560*
P3	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	145 *475*
P4	P *P*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	130 *425*
P5	P *P*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	125 *410*
P6	P *P*	0,080 *0.0032*	0,095 *0.0038*	0,10 *0.0040*	140 *460*
P7	P *P*	0,080 *0.0032*	0,095 *0.0038*	0,10 *0.0040*	130 *425*
P8	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	125 *410*
P11	P *P*	0,080 *0.0032*	0,095 *0.0038*	0,10 *0.0040*	125 *410*
P12	P *P*	0,055 *0.0022*	0,065 *0.0026*	0,070 *0.0028*	75 *245*
M1	P *P*	0,055 *0.0022*	0,065 *0.0026*	0,075 *0.0030*	95 *310*
M2	P *P*	0,050 *0.0020*	0,060 *0.0024*	0,070 *0.0028*	75 *245*
M3	P *P*	0,042 *0.0017*	0,048 *0.0019*	0,055 *0.0022*	60 *195*
M4	P *P*	0,036 *0.0014*	0,042 *0.0017*	0,048 *0.0019*	43 *140*
M5	P *P*	0,036 *0.0014*	0,042 *0.0017*	0,048 *0.0019*	36 *120*
K1	P *P*	0,095 *0.0038*	0,11 *0.0044*	0,12 *0.0048*	115 *375*
K2	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	100 *330*
K3	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	85 *280*
K4	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	80 *260*
K5	P *P*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	47 *155*
N2	P *P*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	190 *620*
N3	P *P*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	125 *410*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD207A – ∅ 3-20 mm / *0.118-0.787 pouces*

SMG		f										v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,17	0,24	0,26	0,32	0,38	0,44	0,48	0,50	0,55	0,55	155
	P	*0.0065*	*0.0095*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*510*
P2	P	0,17	0,24	0,26	0,32	0,38	0,44	0,48	0,50	0,55	0,60	155
	P	*0.0065*	*0.0095*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*510*
P3	P	0,16	0,22	0,25	0,32	0,36	0,42	0,46	0,50	0,50	0,55	130
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.014*	*0.017*	*0.018*	*0.020*	*0.020*	*0.022*	*425*
P4	P	0,13	0,17	0,19	0,24	0,28	0,30	0,34	0,36	0,38	0,40	180
	P	*0.0050*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.012*	*0.013*	*0.014*	*0.015*	*0.016*	*590*
P5	P	0,12	0,17	0,19	0,22	0,26	0,30	0,32	0,34	0,36	0,38	175
	P	*0.0048*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*570*
P6	P	0,12	0,16	0,19	0,22	0,26	0,30	0,32	0,34	0,36	0,38	195
	P	*0.0048*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*640*
P7	P	0,12	0,16	0,19	0,22	0,26	0,30	0,32	0,34	0,36	0,38	185
	P	*0.0048*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*610*
P8	P	0,13	0,17	0,19	0,24	0,28	0,32	0,34	0,36	0,38	0,40	175
	P	*0.0050*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*570*
P11	P	0,075	0,10	0,11	0,14	0,16	0,18	0,20	0,22	0,24	0,24	90
	P	*0.0030*	*0.0040*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*295*
M1	P	0,095	0,13	0,15	0,19	0,22	0,25	0,28	0,30	0,30	0,32	50
	P	*0.0038*	*0.0050*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*165*
M2	P	0,085	0,12	0,14	0,17	0,20	0,22	0,25	0,26	0,28	0,30	41
	P	*0.0034*	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*135*
M3	P	0,065	0,095	0,11	0,14	0,16	0,18	0,20	0,22	0,22	0,24	31
	P	*0.0026*	*0.0038*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*100*
M4	P	0,060	0,085	0,095	0,12	0,14	0,16	0,17	0,19	0,20	0,20	24
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*80*
M5	P	0,060	0,085	0,095	0,12	0,14	0,16	0,17	0,19	0,20	0,20	20
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*65*
K1	P	0,18	0,25	0,28	0,36	0,42	0,48	0,50	0,55	0,60	0,65	150
	P	*0.0070*	*0.010*	*0.011*	*0.014*	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*0.026*	*490*
K2	P	0,17	0,22	0,26	0,32	0,38	0,42	0,48	0,50	0,55	0,55	130
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*425*
K3	P	0,17	0,22	0,26	0,32	0,38	0,42	0,48	0,50	0,55	0,55	110
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*360*
K4	P	0,17	0,22	0,26	0,32	0,38	0,42	0,48	0,50	0,55	0,55	105
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*345*
K5	P	0,15	0,20	0,24	0,28	0,34	0,38	0,42	0,46	0,48	0,50	60
	P	*0.0060*	*0.0080*	*0.0095*	*0.011*	*0.013*	*0.015*	*0.017*	*0.018*	*0.019*	*0.020*	*195*
H3	P	0,070	0,090	0,10	0,12	0,14	0,16	0,18	0,19	0,20	0,20	24
	P	*0.0028*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*80*
H5	P	0,10	0,13	0,15	0,18	0,22	0,24	0,26	0,28	0,30	0,32	45
	P	*0.0040*	*0.0050*	*0.0060*	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*150*
H7	P	0,070	0,090	0,10	0,12	0,14	0,16	0,18	0,19	0,20	0,20	24
	P	*0.0028*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*80*
H8	P	0,080	0,10	0,12	0,14	0,16	0,19	0,20	0,22	0,24	0,24	45
	P	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*150*
H11	P	0,10	0,13	0,15	0,18	0,22	0,24	0,26	0,28	0,30	0,32	60
	P	*0.0040*	*0.0050*	*0.0060*	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*195*
H12	P	0,080	0,10	0,12	0,14	0,16	0,19	0,20	0,22	0,24	0,24	65
	P	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*215*
H21	P	0,080	0,10	0,12	0,14	0,16	0,19	0,20	0,22	0,24	0,24	45
	P	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*150*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD216A – ∅ 3-14 mm / *0.118-0.551 pouces*

SMG		f							v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	
P1	P	0,13	0,18	0,20	0,25	0,30	0,32	0,36	125
	P	*0.0050*	*0.0070*	*0.0080*	*0.010*	*0.012*	*0.013*	*0.014*	*410*
P2	P	0,14	0,18	0,20	0,26	0,30	0,34	0,36	120
	P	*0.0055*	*0.0070*	*0.0080*	*0.010*	*0.012*	*0.013*	*0.014*	*395*
P3	P	0,13	0,17	0,20	0,24	0,28	0,32	0,34	105
	P	*0.0050*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.013*	*0.013*	*345*
P4	P	0,13	0,17	0,19	0,24	0,28	0,30	0,34	90
	P	*0.0050*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.012*	*0.013*	*295*
P5	P	0,12	0,17	0,19	0,24	0,28	0,30	0,34	85
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.012*	*0.013*	*280*
P6	P	0,12	0,17	0,19	0,24	0,26	0,30	0,32	95
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*0.013*	*310*
P7	P	0,12	0,17	0,19	0,24	0,26	0,30	0,32	90
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*0.013*	*295*
P8	P	0,13	0,17	0,20	0,24	0,28	0,32	0,34	85
	P	*0.0050*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.013*	*0.013*	*280*
P11	P	0,12	0,17	0,19	0,24	0,26	0,30	0,32	90
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*0.013*	*295*
P12	P	0,085	0,11	0,13	0,16	0,18	0,20	0,22	55
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*180*
M1	P	0,095	0,13	0,15	0,19	0,22	0,25	0,28	65
	P	*0.0038*	*0.0050*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.011*	*215*
M2	P	0,085	0,12	0,14	0,17	0,20	0,22	0,25	55
	P	*0.0034*	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*180*
M3	P	0,070	0,095	0,11	0,14	0,16	0,18	0,20	41
	P	*0.0028*	*0.0038*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*135*
M4	P	0,060	0,085	0,095	0,12	0,14	0,16	0,18	31
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*100*
M5	P	0,060	0,085	0,095	0,12	0,14	0,16	0,18	25
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*80*
K1	P	0,15	0,22	0,24	0,30	0,36	0,40	0,44	80
	P	*0.0060*	*0.0085*	*0.0095*	*0.012*	*0.014*	*0.016*	*0.017*	*260*
K2	P	0,14	0,19	0,22	0,28	0,32	0,36	0,40	70
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*0.016*	*230*
K3	P	0,14	0,19	0,22	0,28	0,32	0,36	0,40	60
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*0.016*	*195*
K4	P	0,14	0,19	0,22	0,28	0,32	0,36	0,40	55
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*0.016*	*180*
K5	P	0,12	0,17	0,20	0,25	0,30	0,32	0,36	33
	P	*0.0048*	*0.0065*	*0.0080*	*0.010*	*0.012*	*0.013*	*0.014*	*110*
N2	P	0,16	0,22	0,26	0,32	0,38	0,42	0,46	135
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.018*	*445*
N3	P	0,16	0,22	0,26	0,32	0,38	0,42	0,46	90
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.018*	*295*
H3	P	0,055	0,075	0,085	0,10	0,12	0,14	0,15	22
	P	*0.0022*	*0.0030*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0060*	*70*
H5	P	0,085	0,11	0,13	0,16	0,18	0,20	0,22	40
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*130*
H7	P	0,055	0,075	0,085	0,10	0,12	0,14	0,15	22
	P	*0.0022*	*0.0030*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0060*	*70*
H8	P	0,065	0,085	0,10	0,12	0,14	0,16	0,17	40
	P	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*130*
H11	P	0,085	0,11	0,13	0,16	0,18	0,20	0,22	50
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*165*
H12	P	0,065	0,085	0,10	0,12	0,14	0,16	0,17	31
	P	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*100*
H21	P	0,065	0,085	0,10	0,12	0,14	0,16	0,17	40
	P	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*130*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD230A – ∅ 3-12 mm / *0.118-0.472 pouces*

SMG		f						v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	
P1	P	0,13	0,18	0,20	0,25	0,30	0,32	90
	P	*0.0050*	*0.0070*	*0.0080*	*0.010*	*0.012*	*0.013*	*295*
P2	P	0,14	0,18	0,20	0,26	0,30	0,34	90
	P	*0.0055*	*0.0070*	*0.0080*	*0.010*	*0.012*	*0.013*	*295*
P3	P	0,13	0,17	0,20	0,24	0,28	0,32	75
	P	*0.0050*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.013*	*245*
P4	P	0,13	0,17	0,19	0,24	0,28	0,30	70
	P	*0.0050*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.012*	*230*
P5	P	0,12	0,17	0,19	0,24	0,28	0,30	65
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.012*	*215*
P6	P	0,12	0,17	0,19	0,24	0,26	0,30	75
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*245*
P7	P	0,12	0,17	0,19	0,24	0,26	0,30	70
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*230*
P8	P	0,13	0,17	0,20	0,24	0,28	0,32	65
	P	*0.0050*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.013*	*215*
P11	P	0,12	0,17	0,19	0,24	0,26	0,30	65
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*215*
P12	P	0,085	0,11	0,13	0,16	0,18	0,20	39
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*130*
M1	P	0,095	0,13	0,15	0,19	0,22	0,25	50
	P	*0.0038*	*0.0050*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*165*
M2	P	0,085	0,12	0,14	0,17	0,20	0,22	40
	P	*0.0034*	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*130*
M3	P	0,070	0,095	0,11	0,14	0,16	0,18	30
	P	*0.0028*	*0.0038*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*100*
M4	P	0,060	0,085	0,095	0,12	0,14	0,16	23
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*75*
M5	P	0,060	0,085	0,095	0,12	0,14	0,16	19
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*60*
K1	P	0,15	0,22	0,24	0,30	0,36	0,40	60
	P	*0.0060*	*0.0085*	*0.0095*	*0.012*	*0.014*	*0.016*	*195*
K2	P	0,14	0,19	0,22	0,28	0,32	0,36	50
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*165*
K3	P	0,14	0,19	0,22	0,28	0,32	0,36	44
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*145*
K4	P	0,14	0,19	0,22	0,28	0,32	0,36	42
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*140*
K5	P	0,12	0,17	0,20	0,25	0,30	0,32	25
	P	*0.0048*	*0.0065*	*0.0080*	*0.010*	*0.012*	*0.013*	*80*
N2	P	0,16	0,22	0,26	0,32	0,38	0,42	100
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*330*
N3	P	0,16	0,22	0,26	0,32	0,38	0,42	65
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*215*
H3	P	0,055	0,075	0,085	0,10	0,12	0,14	16
	P	*0.0022*	*0.0030*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*50*
H5	P	0,085	0,11	0,13	0,16	0,18	0,20	30
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*100*
H7	P	0,055	0,075	0,085	0,10	0,12	0,14	16
	P	*0.0022*	*0.0030*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*50*
H8	P	0,065	0,085	0,10	0,12	0,14	0,16	30
	P	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*100*
H11	P	0,085	0,11	0,13	0,16	0,18	0,20	39
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*130*
H12	P	0,065	0,085	0,10	0,12	0,14	0,16	24
	P	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*80*
H21	P	0,065	0,085	0,10	0,12	0,14	0,16	30
	P	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*100*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD2040-2060A – ∅ 3-8 mm / *0.118-0.315 pouces*

SMG	f				v_c
	Ø3,00 *Ø 0.118*	Ø5,00 *Ø 0.197*	Ø6,00 *Ø 0.236*	Ø8,00 *Ø 0.315*	
P1	0,14 *0.0055*	0,18 *0.0070*	0,20 *0.0080*	0,25 *0.010*	85 *280*
P2	0,14 *0.0055*	0,19 *0.0075*	0,22 *0.0085*	0,26 *0.010*	85 *280*
P3	0,13 *0.0050*	0,18 *0.0070*	0,20 *0.0080*	0,25 *0.010*	70 *230*
P4	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	65 *215*
P5	0,13 *0.0050*	0,17 *0.0065*	0,19 *0.0075*	0,24 *0.0095*	60 *195*
P6	0,12 *0.0048*	0,17 *0.0065*	0,19 *0.0075*	0,24 *0.0095*	65 *215*
P7	0,12 *0.0048*	0,17 *0.0065*	0,19 *0.0075*	0,24 *0.0095*	65 *215*
P8	0,13 *0.0050*	0,18 *0.0070*	0,20 *0.0080*	0,25 *0.010*	60 *195*
P11	0,12 *0.0048*	0,17 *0.0065*	0,19 *0.0075*	0,24 *0.0095*	60 *195*
P12	0,085 *0.0034*	0,12 *0.0048*	0,13 *0.0050*	0,16 *0.0065*	36 *120*
M1	0,095 *0.0038*	0,13 *0.0050*	0,15 *0.0060*	0,19 *0.0075*	37 *120*
M2	0,085 *0.0034*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	30 *100*
M3	0,070 *0.0028*	0,095 *0.0038*	0,11 *0.0044*	0,14 *0.0055*	23 *75*
M4	0,060 *0.0024*	0,085 *0.0034*	0,095 *0.0038*	0,12 *0.0048*	17 *55*
M5	0,060 *0.0024*	0,085 *0.0034*	0,095 *0.0038*	0,12 *0.0048*	14 *46*
K1	0,15 *0.0060*	0,22 *0.0085*	0,25 *0.010*	0,30 *0.012*	43 *140*
K2	0,14 *0.0055*	0,20 *0.0080*	0,22 *0.0085*	0,28 *0.011*	37 *120*
K3	0,14 *0.0055*	0,20 *0.0080*	0,22 *0.0085*	0,28 *0.011*	31 *100*
K4	0,14 *0.0055*	0,20 *0.0080*	0,22 *0.0085*	0,28 *0.011*	30 *100*
K5	0,13 *0.0050*	0,18 *0.0070*	0,20 *0.0080*	0,25 *0.010*	18 *60*
N2	0,16 *0.0065*	0,22 *0.0085*	0,26 *0.010*	0,32 *0.013*	105 *345*
N3	0,16 *0.0065*	0,22 *0.0085*	0,26 *0.010*	0,32 *0.013*	70 *230*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD245A – ∅ 4-16 mm / *0.157-0.630 pouces*

SMG		f							v_c
		Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	
P1	P	0,11	0,15	0,19	0,22	0,26	0,28	0,32	185
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.011*	*0.013*	*610*
P2	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	180
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*590*
P3	P	0,11	0,14	0,18	0,22	0,25	0,28	0,30	155
	P	*0.0044*	*0.0055*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*510*
P4	P	0,11	0,14	0,18	0,22	0,24	0,26	0,30	135
	P	*0.0044*	*0.0055*	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.012*	*445*
P5	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	130
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*425*
P6	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	145
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*475*
P7	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	140
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*460*
P8	P	0,11	0,14	0,18	0,22	0,25	0,28	0,30	130
	P	*0.0044*	*0.0055*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*425*
P11	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	135
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*445*
P12	P	0,070	0,095	0,12	0,14	0,16	0,18	0,20	80
	P	*0.0028*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*260*
M1	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	100
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*330*
M2	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	80
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*260*
K1	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	120
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*395*
K2	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	105
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*345*
K3	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	90
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*295*
K4	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	85
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*280*
K5	P	0,095	0,12	0,16	0,19	0,22	0,24	0,26	50
	P	*0.0038*	*0.0048*	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*165*
N2	P	0,14	0,19	0,24	0,28	0,34	0,38	0,40	200
	P	*0.0055*	*0.0075*	*0.0095*	*0.011*	*0.013*	*0.015*	*0.016*	*660*
N3	P	0,14	0,19	0,24	0,28	0,34	0,38	0,40	135
	P	*0.0055*	*0.0075*	*0.0095*	*0.011*	*0.013*	*0.015*	*0.016*	*445*
N11	P	0,14	0,19	0,24	0,28	0,34	0,38	0,40	255
	P	*0.0055*	*0.0075*	*0.0095*	*0.011*	*0.013*	*0.015*	*0.016*	*840*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD265A – ∅ 4-16 mm / *0.157-0.630 pouces*

SMG		f							v_c
		Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	
P1	P	0,12	0,16	0,20	0,24	0,28	0,30	0,34	180
	P	*0.0048*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.012*	*0.013*	*590*
P2	P	0,12	0,16	0,20	0,24	0,28	0,30	0,34	175
	P	*0.0048*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.012*	*0.013*	*570*
P3	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	150
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*490*
P4	P	0,11	0,15	0,19	0,22	0,26	0,28	0,32	135
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.011*	*0.013*	*445*
P5	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	130
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*425*
P6	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	145
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*475*
P7	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	135
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*445*
P8	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	130
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*425*
P11	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	130
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*425*
P12	P	0,075	0,10	0,12	0,15	0,17	0,19	0,20	80
	P	*0.0030*	*0.0040*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*260*
M1	P	0,12	0,16	0,20	0,24	0,28	0,30	0,34	100
	P	*0.0048*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.012*	*0.013*	*330*
M2	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	80
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*260*
K1	P	0,12	0,16	0,20	0,24	0,28	0,30	0,34	120
	P	*0.0048*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.012*	*0.013*	*395*
K2	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	100
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*330*
K3	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	85
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*280*
K4	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	85
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*280*
K5	P	0,10	0,13	0,17	0,20	0,22	0,25	0,28	49
	P	*0.0040*	*0.0050*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.011*	*160*
N2	P	0,15	0,20	0,26	0,30	0,36	0,40	0,42	195
	P	*0.0060*	*0.0080*	*0.010*	*0.012*	*0.014*	*0.016*	*0.017*	*640*
N3	P	0,15	0,20	0,26	0,30	0,36	0,40	0,42	130
	P	*0.0060*	*0.0080*	*0.010*	*0.012*	*0.014*	*0.016*	*0.017*	*425*
N11	P	0,15	0,20	0,26	0,30	0,36	0,40	0,42	250
	P	*0.0060*	*0.0080*	*0.010*	*0.012*	*0.014*	*0.016*	*0.017*	*820*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD203A -MS ∅ 2-8 mm / *0.079-0.315 pouces*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P11	MS	0,060	0,080	0,10	0,12	0,14	0,18	90
	MS	*0.0024*	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0070*	*295*
P12	MS	0,060	0,070	0,080	0,090	0,10	0,12	65
	MS	*0.0024*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*215*
M1	MS	0,075	0,095	0,11	0,13	0,15	0,19	110
	MS	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*360*
M2	MS	0,065	0,085	0,10	0,12	0,14	0,17	90
	MS	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*295*
M3	MS	0,095	0,11	0,13	0,15	0,17	0,20	45
	MS	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0080*	*150*
M4	MS	0,048	0,060	0,070	0,085	0,095	0,12	50
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*165*
M5	MS	0,048	0,060	0,070	0,085	0,095	0,12	42
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*140*
N1	MS	0,13	0,16	0,19	0,22	0,26	0,32	345
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1125*
N2	MS	0,13	0,16	0,19	0,22	0,26	0,32	225
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*740*
N3	MS	0,13	0,16	0,19	0,22	0,26	0,32	150
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*490*
N11	MS	0,13	0,16	0,19	0,22	0,26	0,32	285
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*940*
S1	MS	0,040	0,048	0,055	0,065	0,075	0,095	39
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*130*
S2	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S3	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S11	MS	0,070	0,085	0,095	0,11	0,12	0,14	70
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*230*
S12	MS	0,070	0,085	0,095	0,11	0,12	0,14	55
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*180*
S13	MS	0,065	0,075	0,085	0,095	0,10	0,12	43
	MS	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*140*
H3	MS	0,046	0,055	0,065	0,075	0,085	0,10	36
	MS	*0.0018*	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0040*	*120*
H5	MS	0,070	0,085	0,10	0,11	0,13	0,16	65
	MS	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0050*	*0.0065*	*215*
H7	MS	0,046	0,055	0,065	0,075	0,085	0,10	36
	MS	*0.0018*	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0040*	*120*
H8	MS	0,055	0,065	0,075	0,085	0,095	0,12	65
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*215*
H11	MS	0,070	0,085	0,10	0,11	0,13	0,16	85
	MS	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0050*	*0.0065*	*280*
H12	MS	0,055	0,065	0,075	0,085	0,095	0,12	80
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*260*
H21	MS	0,055	0,065	0,075	0,085	0,095	0,12	65
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*215*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD203A -MS ∅ 10-20 mm / *0.394-0.787 pouces*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P11	MS	0,22	0,24	0,26	0,30	0,30	0,32	90
	MS	*0.0085*	*0.0095*	*0.010*	*0.012*	*0.012*	*0.013*	*295*
P12	MS	0,14	0,15	0,16	0,18	0,18	0,19	65
	MS	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0070*	*0.0075*	*215*
M1	MS	0,22	0,25	0,28	0,30	0,30	0,32	110
	MS	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*360*
M2	MS	0,20	0,22	0,25	0,26	0,28	0,30	90
	MS	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*295*
M3	MS	0,24	0,26	0,28	0,30	0,32	0,34	45
	MS	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*150*
M4	MS	0,14	0,16	0,17	0,19	0,20	0,20	50
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*165*
M5	MS	0,14	0,16	0,17	0,19	0,20	0,20	42
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*140*
N1	MS	0,38	0,42	0,46	0,50	0,55	0,55	345
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*1125*
N2	MS	0,38	0,42	0,46	0,50	0,55	0,55	225
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*740*
N3	MS	0,38	0,42	0,46	0,50	0,55	0,55	150
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*490*
N11	MS	0,38	0,42	0,46	0,50	0,55	0,55	285
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*940*
S1	MS	0,11	0,13	0,15	0,16	0,17	0,19	39
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*130*
S2	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S3	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S11	MS	0,17	0,19	0,22	0,24	0,25	0,26	70
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*230*
S12	MS	0,17	0,19	0,22	0,24	0,25	0,26	55
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*180*
S13	MS	0,15	0,17	0,19	0,20	0,22	0,22	43
	MS	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*140*
H3	MS	0,12	0,13	0,15	0,16	0,17	0,17	36
	MS	*0.0048*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*120*
H5	MS	0,18	0,20	0,22	0,24	0,25	0,26	65
	MS	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*0.010*	*215*
H7	MS	0,12	0,13	0,15	0,16	0,17	0,17	36
	MS	*0.0048*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*120*
H8	MS	0,14	0,16	0,17	0,18	0,19	0,20	65
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*215*
H11	MS	0,18	0,20	0,22	0,24	0,25	0,26	85
	MS	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*0.010*	*280*
H12	MS	0,14	0,16	0,17	0,18	0,19	0,20	80
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*260*
H21	MS	0,14	0,16	0,17	0,18	0,19	0,20	65
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*215*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD205A -MS ∅ 2-8 mm / *0.079-0.315 pouces*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P11	MS	0,060	0,080	0,10	0,12	0,14	0,18	80
	MS	*0.0024*	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0070*	*260*
P12	MS	0,060	0,070	0,080	0,090	0,10	0,12	60
	MS	*0.0024*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*195*
M1	MS	0,075	0,095	0,11	0,13	0,15	0,19	100
	MS	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*330*
M2	MS	0,065	0,085	0,10	0,12	0,14	0,17	80
	MS	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*260*
M3	MS	0,095	0,11	0,13	0,15	0,17	0,20	40
	MS	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0080*	*130*
M4	MS	0,048	0,060	0,070	0,085	0,095	0,12	46
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*150*
M5	MS	0,048	0,060	0,070	0,085	0,095	0,12	38
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*125*
N1	MS	0,13	0,16	0,19	0,22	0,26	0,32	310
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1025*
N2	MS	0,13	0,16	0,19	0,22	0,26	0,32	200
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*660*
N3	MS	0,13	0,16	0,19	0,22	0,26	0,32	135
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*445*
N11	MS	0,13	0,16	0,19	0,22	0,26	0,32	255
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*840*
S1	MS	0,040	0,048	0,055	0,065	0,075	0,095	35
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*115*
S2	MS	0,040	0,048	0,055	0,065	0,075	0,095	25
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*80*
S3	MS	0,040	0,048	0,055	0,065	0,075	0,095	25
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*80*
S11	MS	0,020	0,030	0,040	0,050	0,060	0,080	45
	MS	*0.00080*	*0.0012*	*0.0016*	*0.0020*	*0.0024*	*0.0032*	*150*
S12	MS	0,020	0,030	0,040	0,050	0,060	0,080	35
	MS	*0.00080*	*0.0012*	*0.0016*	*0.0020*	*0.0024*	*0.0032*	*115*
S13	MS	0,017	0,026	0,035	0,044	0,050	0.070	27
	MS	*0.00068*	*0.0010*	*0.0014*	*0.0018*	*0.0020*	*0.0028*	*90*
H3	MS	0,046	0,055	0,065	0,075	0,085	0,10	33
	MS	*0.0018*	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0040*	*110*
H5	MS	0,070	0,085	0,10	0,11	0,13	0,16	60
	MS	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0050*	*0.0065*	*195*
H7	MS	0,046	0,055	0,065	0,075	0,085	0,10	33
	MS	*0.0018*	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0040*	*110*
H8	MS	0,055	0,065	0,075	0,085	0,095	0,12	60
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*195*
H11	MS	0,070	0,085	0,10	0,11	0,13	0,16	75
	MS	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0050*	*0.0065*	*245*
H12	MS	0,055	0,065	0,075	0,085	0,095	0,12	70
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*230*
H21	MS	0,055	0,065	0,075	0,085	0,095	0,12	60
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*195*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD205A -MS ∅ 10-20 mm / *0.394-0.787 pouces*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P11	MS	0,22	0,24	0,26	0,30	0,30	0,32	80
	MS	*0.0085*	*0.0095*	*0.010*	*0.012*	*0.012*	*0.013*	*260*
P12	MS	0,14	0,15	0,16	0,18	0,18	0,19	60
	MS	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0070*	*0.0075*	*195*
M1	MS	0,22	0,25	0,28	0,30	0,30	0,32	100
	MS	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*330*
M2	MS	0,20	0,22	0,25	0,26	0,28	0,30	80
	MS	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*260*
M3	MS	0,24	0,26	0,28	0,30	0,32	0,34	40
	MS	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*130*
M4	MS	0,14	0,16	0,17	0,19	0,20	0,20	46
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*150*
M5	MS	0,14	0,16	0,17	0,19	0,20	0,20	38
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*125*
N1	MS	0,38	0,42	0,46	0,50	0,55	0,55	310
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*1025*
N2	MS	0,38	0,42	0,46	0,50	0,55	0,55	200
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*660*
N3	MS	0,38	0,42	0,46	0,50	0,55	0,55	135
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*445*
N11	MS	0,38	0,42	0,46	0,50	0,55	0,55	255
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*840*
S1	MS	0,11	0,13	0,15	0,16	0,17	0,19	35
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*115*
S2	MS	0,11	0,13	0,15	0,16	0,17	0,19	25
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*80*
S3	MS	0,11	0,13	0,15	0,16	0,17	0,19	25
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*80*
S11	MS	0,10	0,12	0,14	0,16	0,18	0,20	45
	MS	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*150*
S12	MS	0,10	0,12	0,14	0,16	0,18	0,20	35
	MS	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*115*
S13	MS	0,085	0,11	0,12	0,14	0,16	0,17	27
	MS	*0.0034*	*0.0044*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*90*
H3	MS	0,12	0,13	0,15	0,16	0,17	0,17	33
	MS	*0.0048*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*110*
H5	MS	0,18	0,20	0,22	0,24	0,25	0,26	60
	MS	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*0.010*	*195*
H7	MS	0,12	0,13	0,15	0,16	0,17	0,17	33
	MS	*0.0048*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*110*
H8	MS	0,14	0,16	0,17	0,18	0,19	0,20	60
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*195*
H11	MS	0,18	0,20	0,22	0,24	0,25	0,26	75
	MS	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*0.010*	*245*
H12	MS	0,14	0,16	0,17	0,18	0,19	0,20	70
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*230*
H21	MS	0,14	0,16	0,17	0,18	0,19	0,20	60
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*195*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD203A – ∅ 2-8 mm / *0.079-0.315 pouces*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P11	M	0,060	0,075	0,085	0,10	0,11	0,14	150
	M	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*490*
P12	M	0,060	0,075	0,085	0,10	0,11	0,14	90
	M	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*295*
M1	M	0,075	0,095	0,11	0,13	0,15	0,19	110
	M	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*360*
M2	M	0,065	0,085	0,10	0,12	0,14	0,17	90
	M	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*295*
M3	M	0,055	0,065	0,080	0,095	0,11	0,14	70
	M	*0.0022*	*0.0026*	*0.0032*	*0.0038*	*0.0044*	*0.0055*	*230*
M4	M	0,048	0,060	0,070	0,085	0,095	0,12	50
	M	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*165*
M5	M	0,048	0,060	0,070	0,085	0,095	0,12	42
	M	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*140*
N1	M	0,13	0,16	0,19	0,22	0,26	0,32	345
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1125*
N2	M	0,13	0,16	0,19	0,22	0,26	0,32	225
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*740*
N3	M	0,13	0,16	0,19	0,22	0,26	0,32	150
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*490*
N11	M	0,13	0,16	0,19	0,22	0,26	0,32	285
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*940*
S1	M	0,040	0,048	0,055	0,065	0,075	0,095	39
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*130*
S2	M	0,040	0,048	0,055	0,065	0,075	0,095	28
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S3	M	0,040	0,048	0,055	0,065	0,075	0,095	28
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S11	M	0,070	0,085	0,095	0,11	0,12	0,14	70
	M	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*230*
S12	M	0,070	0,085	0,095	0,11	0,12	0,14	55
	M	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*180*
S13	M	0,065	0,075	0,085	0,095	0,10	0,12	43
	M	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*140*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD203A – ∅ 10-20 mm / *0.394-0.787 pouces*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P11	M	0,16	0,18	0,20	0,22	0,24	0,24	150
	M	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*490*
P12	M	0,16	0,18	0,20	0,22	0,24	0,24	90
	M	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*295*
M1	M	0,22	0,25	0,28	0,30	0,30	0,32	110
	M	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*360*
M2	M	0,20	0,22	0,25	0,26	0,28	0,30	90
	M	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*295*
M3	M	0,16	0,18	0,20	0,22	0,22	0,24	70
	M	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*230*
M4	M	0,14	0,16	0,17	0,19	0,20	0,20	50
	M	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*165*
M5	M	0,14	0,16	0,17	0,19	0,20	0,20	42
	M	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*140*
N1	M	0,38	0,42	0,46	0,50	0,55	0,55	345
	M	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*1125*
N2	M	0,38	0,42	0,46	0,50	0,55	0,55	225
	M	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*740*
N3	M	0,38	0,42	0,46	0,50	0,55	0,55	150
	M	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*490*
N11	M	0,38	0,42	0,46	0,50	0,55	0,55	285
	M	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*940*
S1	M	0,11	0,13	0,15	0,16	0,17	0,19	39
	M	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*130*
S2	M	0,11	0,13	0,15	0,16	0,17	0,19	28
	M	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S3	M	0,11	0,13	0,15	0,16	0,17	0,19	28
	M	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S11	M	0,17	0,19	0,22	0,24	0,25	0,26	70
	M	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*230*
S12	M	0,17	0,19	0,22	0,24	0,25	0,26	55
	M	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*180*
S13	M	0,15	0,17	0,19	0,20	0,22	0,22	43
	M	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*140*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD205A-M – ∅ 2-8 mm / *0.079-0.315 pouces*

SMG		f						v_c
		Ø2,00 *Ø 0.079*	Ø3,00 *Ø 0.118*	Ø4,00 *Ø 0.157*	Ø5,00 *Ø 0.197*	Ø6,00 *Ø 0.236*	Ø8,00 *Ø 0.315*	
P11	M	0,060	0,075	0,085	0,10	0,11	0,14	135
	M	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*445*
P12	M	0,060	0,075	0,085	0,10	0,11	0,14	80
	M	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*260*
M1	M	0,075	0,095	0,11	0,13	0,15	0,19	100
	M	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*330*
M2	M	0,065	0,085	0,10	0,12	0,14	0,17	80
	M	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*260*
M3	M	0,055	0,065	0,080	0,095	0,11	0,14	60
	M	*0.0022*	*0.0026*	*0.0032*	*0.0038*	*0.0044*	*0.0055*	*195*
M4	M	0,048	0,060	0,070	0,085	0,095	0,12	46
	M	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*150*
M5	M	0,048	0,060	0,070	0,085	0,095	0,12	38
	M	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*125*
N1	M	0,13	0,16	0,19	0,22	0,26	0,32	310
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1025*
N2	M	0,13	0,16	0,19	0,22	0,26	0,32	200
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*660*
N3	M	0,13	0,16	0,19	0,22	0,26	0,32	135
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*445*
N11	M	0,13	0,16	0,19	0,22	0,26	0,32	255
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*840*
S1	M	0,040	0,048	0,055	0,065	0,075	0,095	35
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*115*
S2	M	0,040	0,048	0,055	0,065	0,075	0,095	25
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*80*
S3	M	0,040	0,048	0,055	0,065	0,075	0,095	25
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*80*
S11	M	0,070	0,085	0,095	0,11	0,12	0,14	65
	M	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*215*
S12	M	0,070	0,085	0,095	0,11	0,12	0,14	50
	M	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*165*
S13	M	0,065	0,075	0,085	0,095	0,10	0,12	39
	M	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*130*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD205A-M – ∅ 10-20 mm / *0.394-0.787 pouces*

SMG		f						v_c
		Ø10,00 *Ø 0.394*	Ø12,00 *Ø 0.472*	Ø14,00 *Ø 0.551*	Ø16,00 *Ø 0.630*	Ø18,00 *Ø 0.709*	Ø20,00 *Ø 0.787*	
P11	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	135 *445*
P12	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	80 *260*
M1	M *M*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,30 *0.012*	0,32 *0.013*	100 *330*
M2	M *M*	0,20 *0.0080*	0,22 *0.0085*	0,25 *0.010*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	80 *260*
M3	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	0,24 *0.0095*	60 *195*
M4	M *M*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	45 *150*
M5	M *M*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	37 *120*
N1	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	305 *1000*
N2	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	195 *640*
N3	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	130 *425*
N11	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	250 *820*
S1	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	34 *110*
S2	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	25 *80*
S3	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	25 *80*
S11	M *M*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	65 *215*
S12	M *M*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	49 *160*
S13	M *M*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	38 *125*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD205A-C1 – ∅ 3-13 mm / *0.118-0.512 pouces*

SMG		f						v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 7,00 *Ø 0.276*	Ø 9,00 *Ø 0.354*	Ø 11,00 *Ø 0.433*	Ø 13,00 *Ø 0.512*	
TS2	C1 *C1*	0,060 *0.0024*	0,060 *0.0024*	0,065 *0.0026*	0,070 *0.0028*	0,075 *0.0030*	0,080 *0.0032*	65 *215*
TS3	C1 *C1*	0,060 *0.0024*	0,060 *0.0024*	0,065 *0.0026*	0,070 *0.0028*	0,075 *0.0030*	0,080 *0.0032*	50 *165*
TP2	C1 *C1*	0,060 *0.0024*	0,060 *0.0024*	0,065 *0.0026*	0,070 *0.0028*	0,075 *0.0030*	0,080 *0.0032*	65 *215*
TP3	C1 *C1*	0,060 *0.0024*	0,060 *0.0024*	0,065 *0.0026*	0,070 *0.0028*	0,075 *0.0030*	0,080 *0.0032*	50 *165*

SD205A-C2 – ∅ 3-13 mm / *0.118-0.512 pouces*

SMG		f						v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 7,00 *Ø 0.276*	Ø 9,00 *Ø 0.354*	Ø 11,00 *Ø 0.433*	Ø 13,00 *Ø 0.512*	
N1	C2 *C2*	0,095 *0.0038*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	80 *260*
N2	C2 *C2*	0,095 *0.0038*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	50 *165*
N3	C2 *C2*	0,095 *0.0038*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	33 *110*
S11	C2 *C2*	0,055 *0.0022*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	50 *165*
S12	C2 *C2*	0,055 *0.0022*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	40 *130*
S13	C2 *C2*	0,048 *0.0019*	0,060 *0.0024*	0,070 *0.0028*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	31 *100*

SD203-CX1 – ∅ 3-9 mm / *0.118-0.354 pouces*

SMG		f				v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 7,00 *Ø 0.276*	Ø 9,00 *Ø 0.354*	
TS2	CX1 *CX1*	0,075 *0.0030*	0,085 *0.0034*	0,090 *0.0036*	0,10 *0.0040*	150 *490*
TS3	CX1 *CX1*	0,075 *0.0030*	0,085 *0.0034*	0,090 *0.0036*	0,10 *0.0040*	120 *395*
TP2	CX1 *CX1*	0,075 *0.0030*	0,085 *0.0034*	0,090 *0.0036*	0,10 *0.0040*	150 *490*
TP3	CX1 *CX1*	0,075 *0.0030*	0,085 *0.0034*	0,090 *0.0036*	0,10 *0.0040*	120 *395*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD22 & SD26 – ∅ 0,1-0,3 mm / *0.0039-0.0118 pouces*

SMG	f			v_c
	Ø 0,10 *Ø 0.0039*	Ø 0,20 *Ø 0.0079*	Ø 0,30 *Ø 0.0118*	
P1	0,0011 *0.000044*	0,0017 *0.000065*	0,0024 *0.000095*	11 *36*
P2	0,0011 *0.000044*	0,0017 *0.000065*	0,0024 *0.000095*	11 *36*
P3	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	10 *33*
P4	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P5	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P6	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	9 *30*
P7	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P8	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P11	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P12	0,00070 *0.000028*	0,0011 *0.000044*	0,0015 *0.000060*	5 *16*
M1	0,0011 *0.000044*	0,0017 *0.000065*	0,0024 *0.000095*	2 *7*
M2	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	2 *7*
K1	0,0011 *0.000044*	0,0017 *0.000065*	0,0024 *0.000095*	6 *20*
K2	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	5 *16*
K3	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	4 *13*
K4	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	4 *13*
K5	0,00090 *0.000036*	0,0014 *0.000055*	0,0019 *0.000075*	3 *10*
N2	0,0014 *0.000055*	0,0022 *0.000085*	0,0030 *0.00012*	15 *49*
N3	0,0014 *0.000055*	0,0022 *0.000085*	0,0030 *0.00012*	10 *33*
S11	0,00080 *0.000032*	0,0013 *0.000050*	0,0017 *0.000065*	4 *13*
S12	0,00080 *0.000032*	0,0013 *0.000050*	0,0017 *0.000065*	3 *10*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD22 & SD26 – ∅ 0,4-0,5 mm / *0.0157-0.0197 pouces*

SMG	f		v_c
	Ø 0,40 *Ø 0.0157*	Ø 0,50 *Ø 0.0197*	
P1	0,0030 *0.00012*	0,0036 *0.00014*	14 *46*
P2	0,0030 *0.00012*	0,0036 *0.00014*	14 *46*
P3	0,0028 *0.00011*	0,0034 *0.00013*	12 *39*
P4	0,0028 *0.00011*	0,0034 *0.00013*	10 *33*
P5	0,0028 *0.00011*	0,0034 *0.00013*	10 *33*
P6	0,0028 *0.00011*	0,0032 *0.00013*	11 *36*
P7	0,0028 *0.00011*	0,0032 *0.00013*	11 *36*
P8	0,0028 *0.00011*	0,0034 *0.00013*	10 *33*
P11	0,0028 *0.00011*	0,0032 *0.00013*	10 *33*
P12	0,0019 *0.000075*	0,0022 *0.000085*	6 *20*
M1	0,0030 *0.00012*	0,0036 *0.00014*	5 *16*
M2	0,0028 *0.00011*	0,0034 *0.00013*	4 *13*
K1	0,0030 *0.00012*	0,0036 *0.00014*	10 *33*
K2	0,0028 *0.00011*	0,0034 *0.00013*	9 *30*
K3	0,0028 *0.00011*	0,0034 *0.00013*	7 *23*
K4	0,0028 *0.00011*	0,0034 *0.00013*	7 *23*
K5	0,0025 *0.00010*	0,0030 *0.00012*	4 *13*
N2	0,0038 *0.00015*	0,0046 *0.00018*	30 *100*
N3	0,0038 *0.00015*	0,0046 *0.00018*	20 *65*
S11	0,0022 *0.000085*	0,0026 *0.00010*	8 *26*
S12	0,0022 *0.000085*	0,0026 *0.00010*	6 *20*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD22 & SD26 – ∅ 0,6-0,8 mm / *0.0236-0.0315 pouces*

SMG	f			v_c
	Ø 0,60 *Ø 0.0236*	Ø 0,70 *Ø 0.0276*	Ø 0,80 *Ø 0.0315*	
P1	0,0042 *0.00017*	0,0048 *0.00019*	0,0055 *0.00022*	28 *90*
P2	0,0042 *0.00017*	0,0050 *0.00020*	0,0055 *0.00022*	28 *90*
P3	0,0040 *0.00016*	0,0046 *0.00018*	0,0055 *0.00022*	24 *80*
P4	0,0040 *0.00016*	0,0046 *0.00018*	0,0050 *0.00020*	21 *70*
P5	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	20 *65*
P6	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	22 *70*
P7	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	21 *70*
P8	0,0040 *0.00016*	0,0046 *0.00018*	0,0055 *0.00022*	20 *65*
P11	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	21 *70*
P12	0,0026 *0.00010*	0,0030 *0.00012*	0,0034 *0.00013*	12 *39*
M1	0,0042 *0.00017*	0,0050 *0.00020*	0,0055 *0.00022*	9 *30*
M2	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	7 *23*
K1	0,0042 *0.00017*	0,0050 *0.00020*	0,0055 *0.00022*	15 *49*
K2	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	13 *43*
K3	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	11 *36*
K4	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	10 *33*
K5	0,0036 *0.00014*	0,0040 *0.00016*	0,0046 *0.00018*	6 *20*
N2	0,0055 *0.00022*	0,0065 *0.00026*	0,0070 *0.00028*	60 *195*
N3	0,0055 *0.00022*	0,0065 *0.00026*	0,0070 *0.00028*	40 *130*
S11	0,0032 *0.00013*	0,0036 *0.00014*	0,0040 *0.00016*	13 *43*
S12	0,0032 *0.00013*	0,0036 *0.00014*	0,0040 *0.00016*	10 *33*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD22 & SD26 – ∅ 0,9-1,1 mm / *0.0354-0.0433 pouces*

SMG	f			v_c
	Ø 0,90 *Ø 0.0354*	Ø 1,00 *Ø 0.0394*	Ø 1,10 *Ø 0.0433*	
P1	0,0060 *0.00024*	0,0065 *0.00026*	0,0075 *0.00030*	50 *165*
P2	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	48 *155*
P3	0,0060 *0.00024*	0,0065 *0.00026*	0,0070 *0.00028*	42 *140*
P4	0,0055 *0.00022*	0,0065 *0.00026*	0,0070 *0.00028*	37 *120*
P5	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	35 *115*
P6	0,0055 *0.00022*	0,0060 *0.00024*	0,0065 *0.00026*	39 *130*
P7	0,0055 *0.00022*	0,0060 *0.00024*	0,0065 *0.00026*	37 *120*
P8	0,0060 *0.00024*	0,0065 *0.00026*	0,0070 *0.00028*	35 *115*
P11	0,0055 *0.00022*	0,0060 *0.00024*	0,0065 *0.00026*	36 *120*
P12	0,0038 *0.00015*	0,0042 *0.00017*	0,0046 *0.00018*	21 *70*
M1	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	12 *39*
M2	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	10 *33*
K1	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	20 *65*
K2	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	17 *55*
K3	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	15 *49*
K4	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	14 *46*
K5	0,0050 *0.00020*	0,0055 *0.00022*	0,0060 *0.00024*	8 *26*
N2	0,0080 *0.00032*	0,0085 *0.00034*	0,0095 *0.00038*	80 *260*
N3	0,0080 *0.00032*	0,0085 *0.00034*	0,0095 *0.00038*	55 *180*
S11	0,0046 *0.00018*	0,0050 *0.00020*	0,0055 *0.00022*	19 *60*
S12	0,0046 *0.00018*	0,0050 *0.00020*	0,0055 *0.00022*	15 *49*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD22 & SD26 – ∅ 1,2-2,0 mm / *0.0472-0.0787 pouces*

SMG	f					v_c
	Ø 1,20 *Ø 0.0472*	Ø 1,40 *Ø 0.0551*	Ø 1,60 *Ø 0.0630*	Ø 1,80 *Ø 0.0709*	Ø 2,00 *Ø 0.0787*	
P1	0,0080 *0.00032*	0,0090 *0.00036*	0,010 *0.00040*	0,012 *0.00048*	0,013 *0.00050*	70 *230*
P2	0,0080 *0.00032*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	0,013 *0.00050*	70 *230*
P3	0,0075 *0.00030*	0,0090 *0.00036*	0,010 *0.00040*	0,011 *0.00044*	0,012 *0.00048*	60 *195*
P4	0,0075 *0.00030*	0,0085 *0.00034*	0,010 *0.00040*	0,011 *0.00044*	0,012 *0.00048*	50 *165*
P5	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	50 *165*
P6	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	55 *180*
P7	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	55 *180*
P8	0,0075 *0.00030*	0,0090 *0.00036*	0,010 *0.00040*	0,011 *0.00044*	0,012 *0.00048*	50 *165*
P11	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	50 *165*
P12	0,0050 *0.00020*	0,0060 *0.00024*	0,0065 *0.00026*	0,0075 *0.00030*	0,0080 *0.00032*	30 *100*
M1	0,0080 *0.00032*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	0,013 *0.00050*	15 *49*
M2	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	12 *39*
K1	0,0080 *0.00032*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	0,013 *0.00050*	35 *115*
K2	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	30 *100*
K3	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	26 *85*
K4	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	25 *80*
K5	0,0065 *0.00026*	0,0075 *0.00030*	0,0085 *0.00034*	0,010 *0.00040*	0,011 *0.00044*	15 *49*
N2	0,010 *0.00040*	0,012 *0.00048*	0,014 *0.00055*	0,015 *0.00060*	0,017 *0.00065*	100 *330*
N3	0,010 *0.00040*	0,012 *0.00048*	0,014 *0.00055*	0,015 *0.00060*	0,017 *0.00065*	65 *215*
S11	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	26 *85*
S12	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	20 *65*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ



Seco Crownloc®

Seco Crownloc® est une gamme de forets à tête interchangeable conçue pour offrir des trous de qualité supérieure au prix le plus bas. Offrant la même qualité que les forets de haute précision, la gamme Crownloc utilise des couronnes interchangeables pour supprimer la nécessité et le coût du réaffûtage.

- Les doubles orifices d'arrosage dans la couronne permettent à un volume élevé de fluide de refroidissement d'atteindre les arêtes de coupe.
- Les forets Crownloc® sont disponibles dans un large éventail de géométries optimisées pour diverses applications et matières à usiner.

Présentation de la gamme

Crownloc®	Page(s)	∅ gamme	Profondeur de perçage	Tolérance ∅ du foret	Tolérance de trou (1)	État de surface (2)
SD101 	Page(s) 165-166	12,00-25,99 mm *(0.472-1.023")*	1,5 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*
SD103 	Page(s) 167-168	9,52-25,99 mm *(0.375-1.023")*	3 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*
SD105 	Page(s) 169-170	10,00-25,99 mm *(0.394-1.023")*	5 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*
SD107 	Page(s) 171-172	12,00-25,99 mm *(0.472-1.023")*	7 x D	k7	IT 10	Ra 1-4 µm *(Ra 39-157 µin)*
Module de chanfrein 	Page(s) 179	12.00-19,99 mm *(0.472-0.787")*	–	–	–	–

1) Des variations peuvent être rencontrées en fonction de la matière usinée et des conditions de coupe utilisées.
2) La profondeur de perçage, les conditions de coupe, la lubrification et la matière usinée peuvent entrainer la détérioration de l'état de surface.

Codification des références :

Codification des références – Corps de forets

Métrique

Type de forets
SD101 : 1,5 x D
SD103 : 3 x D
SD105 : 5 x D
SD107 : 7 x D

Diamètre couronne min/max

SD103	–	14.00/14.99	–	50	–	16	–	R	7
				Profondeur de perçage		Diamètre d'attachement		Rotation à droite	Type d'attachement 1. Cylindrique 7. ISO 9766

Pouces

50	–	0750	–	R	7



Codification des références – Couronnes

Diamètre du foret

SD100	–	14.00	–	P

Type de géométries
P = Acier
M = Aciers Inoxydables
K = Fontes

Géométries

Géométrie P
- Géométrie universelle, premier choix pour le perçage dans l'acier



Géométrie M
- Pour les aciers inoxydables et les alliages haute température



Géométrie K
- Premier choix pour le perçage des fontes



Kit de pièces détachées

Diamètre du foret mm (Pouces)	SD101	SD103	SD105	SD107
10,00-11,99	–	SD103-SP-4.0	SD105-SP-4.0	–
12,00-13,99	SD101-SP-5.0	SD103-SP-5.0	SD105-SP-5.0	SD107-SP-5.0
14,00-16,99	SD101-SP-6.0	SD103-SP-6.0	SD105-SP-6.0	SD107-SP-6.0
17,00-19,99	SD101-SP-7.0	SD103-SP-7.0	SD105-SP-7.0	SD107-SP-7.0
20,00-25,99	SD101-SP-8.0	SD103-SP-8.0	SD105-SP-8.0	SD107-SP-8.0

Instructions de montage

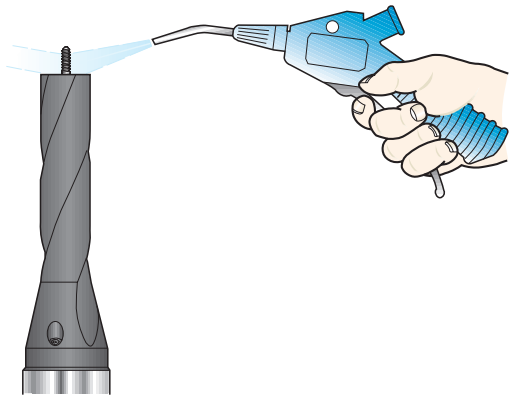
1. Nettoyer soigneusement les stries sur le corps pour enlever tous les copeaux et débris.
2. S'assurer que la tige de traction est entièrement sortie.
3. Monter une nouvelle couronne sur la tige et visser jusqu'au fond du filet.

Tourner légèrement la couronne dans le sens des aiguilles d'une montre.
Appuyer à la main la couronne sur le corps jusqu'à ce que les surfaces de fixation s'ajustent.
Serrer la vis fermement.
Serrer fermement la vis de serrage en utilisant la clé dynamométrique.

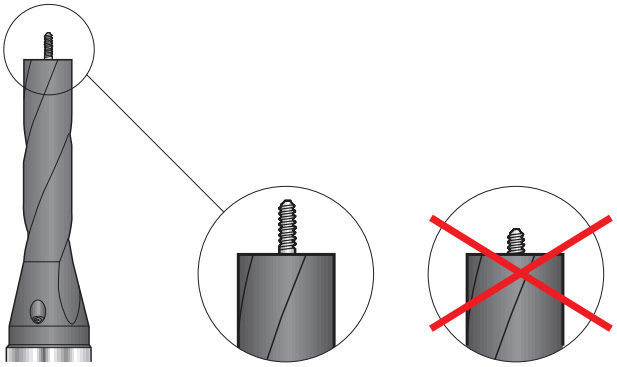
Stabilité
La stabilité de l'application a une grande influence sur la durée de vie du foret et la précision du perçage. S'assurer du bon état de la broche de la machine et de la rigidité du montage de la pièce pour assurer un maximum de stabilité et de rigidité. Des conditions instables peuvent entraîner une rupture de l'outil.

Outil tournant
Le faux-rond total à l'indicateur (TIR) ne doit pas dépasser 0,06 mm *(0.002")* pour un foret rotatif. Contrôler également le porte-foret et la broche de la machine.

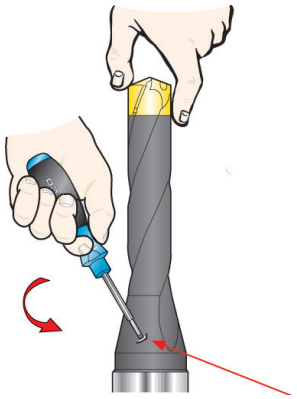
1.



2.

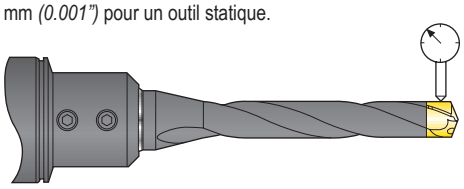


3.



Foret ∅ DC mm	M_c Nm	Foret ∅ DC *pouces*	M_c *in/lbs*
10,00-13,99	0,8-1,0	*0.394-0.551*	*7-9*
14,00-16,99	1,8-2,2	*0.551-0.669*	*16-19.5*
17,00-25,99	2,5-3,0	*0.669-1.023*	*22-26*

Tournage
La distance entre la pointe du foret et le centre de rotation de la pièce ne doit pas excéder 0,03 mm *(0.001")* pour un outil statique.



Porte-outils recommandés
Pour de meilleurs résultats, utiliser des porte-outils de type DIN 1835 B/DIN 6535 HB (Weldon). Pour plus d'informations, consulter le catalogue Systèmes d'attachements.

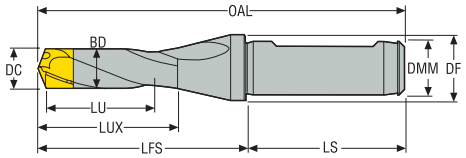


Weldon

SD101 – R7

Profondeur de perçage ~ 1,5 x D – Attachement métrique





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 182

Références	Numéro de produit	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm	mm
SD101-12.00/12.49-20-16R7	02445790	12,0-12,49	20,0	96,0	32,0	11,5	48,0	48,0	16,0	20,0
SD101-12.50/12.99-20-16R7	02445791	12,5-12,99	20,0	96,4	32,4	12,0	48,4	48,0	16,0	20,0
SD101-13.00/13.99-20-16R7	02445792	13,0-13,99	20,0	96,8	32,8	12,5	48,8	48,0	16,0	20,0
SD101-14.00/14.99-25-16R7	02445793	14,0-14,99	25,0	102,4	38,4	13,5	54,4	48,0	16,0	20,0
SD101-15.00/15.99-25-16R7	02445794	15,0-15,99	25,0	103,3	39,3	14,5	55,3	48,0	16,0	20,0
SD101-16.00/16.99-25-16R7	02445795	16,0-16,99	25,0	104,0	40,0	15,5	56,0	48,0	16,0	20,0
SD101-17.00/17.99-30-20R7	02445796	17,0-17,99	30,0	110,7	44,7	16,5	60,7	50,0	20,0	25,0
SD101-18.00/18.99-30-20R7	02445797	18,0-18,99	30,0	111,7	45,7	17,5	61,7	50,0	20,0	25,0
SD101-19.00/19.99-30-20R7	02445798	19,0-19,99	30,0	112,5	46,5	18,5	62,5	50,0	20,0	25,0
SD101-20.00/21.99-40-25R7	02462832	20,0-21,99	40,0	129,5	53,5	19,5	73,5	56,0	25,0	31,0
SD101-22.00/23.99-40-25R7	02462833	22,0-23,99	40,0	129,5	53,5	21,5	73,5	56,0	25,0	31,0
SD101-24.00/25.99-40-25R7	02462834	24,0-25,99	40,0	129,5	53,5	23,5	73,5	56,0	25,0	31,0

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Clé	Vis de serrage	Pièces de rechange
			
12,00-13,99	H1.5-2D	MP6SS3X12	SD101-SP-5.0
14,00-16,99	H2.0-2D	MP6SS4X12	SD101-SP-6.0
17,00-19,99	H2.5-2D	MP6SS5X16	SD101-SP-7.0
20,00-25,99	H2.5-2D	MP6SS5X16	SD101-SP-8.0

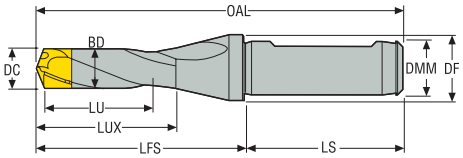
Accessoires

Embout interchangeable	Clé dynamo-métrique
	
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD101 – R7

Profondeur de perçage ~ 1,5 x D – Attachement en pouces





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 182

Références	Numéro de produit	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD101-12.00/12.49-20-0625R7	02445817	0.472-0.492	0.787	3.780	1.260	0.453	1.890	1.890	0.625	0.787
SD101-12.50/12.99-20-0625R7	02445818	0.492-0.511	0.787	3.795	1.276	0.472	1.906	1.890	0.625	0.787
SD101-13.00/13.99-20-0625R7	02445819	0.512-0.551	0.787	3.811	1.291	0.492	1.921	1.890	0.625	0.787
SD101-14.00/14.99-25-0625R7	02445820	0.551-0.590	0.984	4.031	1.512	0.531	2.142	1.890	0.625	0.787
SD101-15.00/15.99-25-0625R7	02445821	0.591-0.630	0.984	4.067	1.547	0.571	2.177	1.890	0.625	0.787
SD101-16.00/16.99-25-0625R7	02445822	0.630-0.669	0.984	4.094	1.575	0.610	2.205	1.890	0.625	0.787
SD101-17.00/17.99-30-0750R7	02445823	0.669-0.708	1.181	4.358	1.760	0.650	2.390	1.969	0.750	0.984
SD101-18.00/18.99-30-0750R7	02445824	0.709-0.748	1.181	4.398	1.799	0.689	2.429	1.969	0.750	0.984
SD101-19.00/19.99-30-0750R7	02445825	0.748-0.787	1.181	4.429	1.831	0.728	2.461	1.969	0.750	0.984
SD101-20.00/21.99-40-1000R7	02466044	0.787-0.866	1.575	5.098	2.106	0.768	2.894	2.205	1.000	1.220
SD101-22.00/23.99-40-1000R7	02466045	0.866-0.944	1.575	5.098	2.106	0.846	2.894	2.205	1.000	1.220
SD101-24.00/25.99-40-1000R7	02466046	0.945-1.023	1.575	5.098	2.106	0.925	2.894	2.205	1.000	1.220

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Clé	Vis de serrage	Pièces de rechange
			
0.472-0.551	H1.5-2D	MP6SS3X12	SD101-SP-5.0
0.551-0.669	H2.0-2D	MP6SS4X12	SD101-SP-6.0
0.669-0.787	H2.5-2D	MP6SS5X16	SD101-SP-7.0
0.787-1.023	H2.5-2D	MP6SS5X16	SD101-SP-8.0

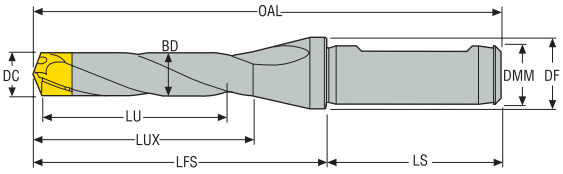
Accessoires

Embout interchangeable	Clé dynamo-métrique
	
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD103 – R7

Profondeur de perçage ~ 3 x D – Attachement métrique





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 183

Références	Numéro de produit	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm	mm
SD103-10.00/10.49-30-16R7	02462815	10,0-10,49	30,0	101,0	38,0	9,5	53,0	48,0	16,0	20,0
SD103-10.50/10.99-30-16R7	02462818	10,5-10,99	30,0	101,0	38,0	10,0	53,0	48,0	16,0	20,0
SD103-11.00/11.49-30-16R7	02462819	11,0-11,49	30,0	101,0	38,0	10,5	53,0	48,0	16,0	20,0
SD103-11.50/11.99-30-16R7	02462820	11,5-11,99	30,0	101,0	38,0	11,0	53,0	48,0	16,0	20,0
SD103-12.00/12.49-40-16R7	02445799	12,0-12,49	40,0	116,0	48,0	11,5	68,0	48,0	16,0	20,0
SD103-12.50/12.99-40-16R7	02445800	12,5-12,99	40,0	116,4	48,4	12,0	68,4	48,0	16,0	20,0
SD103-13.00/13.99-40-16R7	02445801	13,0-13,99	40,0	116,8	48,8	12,5	68,8	48,0	16,0	20,0
SD103-14.00/14.99-50-16R7	02445802	14,0-14,99	50,0	127,4	59,4	13,5	79,4	48,0	16,0	20,0
SD103-15.00/15.99-50-16R7	02445803	15,0-15,99	50,0	128,3	60,3	14,5	80,3	48,0	16,0	20,0
SD103-16.00/16.99-50-16R7	02445804	16,0-16,99	50,0	129,0	61,0	15,5	81,0	48,0	16,0	20,0
SD103-17.00/17.99-60-20R7	02445805	17,0-17,99	60,0	140,7	67,7	16,5	90,7	50,0	20,0	25,0
SD103-18.00/18.99-60-20R7	02445806	18,0-18,99	60,0	141,7	68,7	17,5	91,7	50,0	20,0	25,0
SD103-19.00/19.99-60-20R7	02445807	19,0-19,99	60,0	142,5	69,5	18,5	92,7	50,0	20,0	25,0
SD103-20.00/21.99-75-25R7	02462836	20,0-21,99	75,0	164,5	88,5	19,5	108,5	56,0	25,0	31,0
SD103-22.00/23.99-75-25R7	02462838	22,0-23,99	75,0	164,5	88,5	21,5	108,5	56,0	25,0	31,0
SD103-24.00/25.99-75-25R7	02462841	24,0-25,99	75,0	164,5	88,5	23,5	108,5	56,0	25,0	31,0

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Clé	Vis de serrage	Pièces de rechange
			
10,00-11,99	H1.5-2D	MP6SS3X12	SD103-SP-4.0
12,00-13,99	H1.5-2D	MP6SS3X12	SD103-SP-5.0
14,00-16,99	H2.0-2D	MP6SS4X12	SD103-SP-6.0
17,00-19,99	H2.5-2D	MP6SS5X16	SD103-SP-7.0
20,00-25,99	H2.5-2D	MP6SS5X16	SD103-SP-8.0

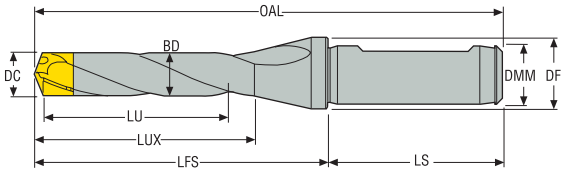
Accessoires

Embout interchangeable	Clé dynamo-métrique
	
H00-1.5	H00-1509
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD103 – R7

Profondeur de perçage ~ 3 x D – Attachement en pouces





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 183

Références	Numéro de produit	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD103-09.50/09.99-30-0625R7	02673828	0.374-0.393	1.181	4.252	1.835	0.354	2.323	1.969	0.625	0.787
SD103-10.00/10.49-30-0625R7	02466011	0.394-0.413	1.181	3.976	1.496	0.374	2.087	1.890	0.625	0.787
SD103-10.50/10.99-30-0625R7	02466012	0.413-0.433	1.181	3.976	1.496	0.394	2.087	1.890	0.625	0.787
SD103-11.00/11.49-30-0625R7	02466013	0.433-0.452	1.181	3.976	1.496	0.413	2.087	1.890	0.625	0.787
SD103-11.50/11.99-30-0625R7	02466014	0.453-0.472	1.181	3.976	1.496	0.433	2.087	1.890	0.625	0.787
SD103-12.00/12.49-40-0625R7	02445826	0.472-0.492	1.575	4.567	1.890	0.453	2.677	1.890	0.625	0.787
SD103-12.50/12.99-40-0625R7	02445827	0.492-0.511	1.575	4.583	1.906	0.472	2.693	1.890	0.625	0.787
SD103-13.00/13.99-40-0625R7	02445828	0.512-0.551	1.575	4.598	1.921	0.492	2.709	1.890	0.625	0.787
SD103-14.00/14.99-50-0625R7	02445829	0.551-0.590	1.969	5.016	2.339	0.531	3.126	1.890	0.625	0.787
SD103-15.00/15.99-50-0625R7	02445830	0.591-0.630	1.969	5.051	2.374	0.571	3.161	1.890	0.625	0.787
SD103-16.00/16.99-50-0625R7	02445831	0.630-0.669	1.969	5.079	2.402	0.610	3.189	1.890	0.625	0.787
SD103-17.00/17.99-60-0750R7	02445832	0.669-0.708	2.362	5.539	2.665	0.650	3.571	1.969	0.750	0.984
SD103-18.00/18.99-60-0750R7	02445833	0.709-0.748	2.362	5.579	2.705	0.689	3.610	1.969	0.750	0.984
SD103-19.00/19.99-60-0750R7	02445834	0.748-0.787	2.362	5.610	2.736	0.728	3.650	1.969	0.750	0.984
SD103-20.00/21.99-75-1000R7	02466049	0.787-0.866	2.953	6.476	3.484	0.768	4.272	2.205	1.000	1.220
SD103-22.00/23.99-75-1000R7	02466050	0.866-0.944	2.953	6.476	3.484	0.846	4.272	2.205	1.000	1.220
SD103-24.00/25.99-75-1000R7	02466051	0.945-1.023	2.953	6.476	3.484	0.925	4.272	2.205	1.000	1.220

Pièces détachées, pièces incluses lors de la livraison

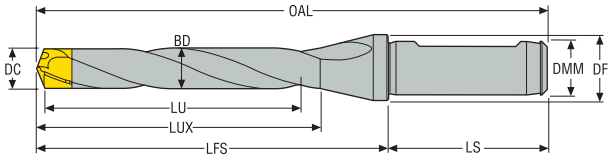
Accessoires

Pour dia. de foret (pouce)	Clé	Vis de serrage	Pièces de rechange	Embout interchangeable	Clé dynamo-métrique
					
0.374-0.393	H1.5-2D	MP6SS3X12	–	H00-1.5	H00-1509
0.394-0.472	H1.5-2D	MP6SS3X12	SD103-SP-4.0	H00-1.5	H00-1509
0.472-0.551	H1.5-2D	MP6SS3X12	SD103-SP-5.0	H00-1.5	H00-1509
0.551-0.669	H2.0-2D	MP6SS4X12	SD103-SP-6.0	H00-2.0	H00-2020
0.669-0.787	H2.5-2D	MP6SS5X16	SD103-SP-7.0	H00-2.5	H00-2530
0.787-1.023	H2.5-2D	MP6SS5X16	SD103-SP-8.0	H00-2.5	H00-2535

SD105 – R7

Profondeur de perçage ~ 5 x D – Attachement métrique





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 184

Références	Numéro de produit	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm	mm
SD105-10.00/10.49-50-16R7	02462822	10,0-10,49	50,0	120,1	57,3	9,5	72,1	48,0	16,0	20,0
SD105-10.50/10.99-50-16R7	02462824	10,5-10,99	50,0	120,6	57,3	10,0	72,6	48,0	16,0	20,0
SD105-11.00/11.49-50-16R7	02462828	11,0-11,49	50,0	120,9	57,3	10,5	72,9	48,0	16,0	20,0
SD105-11.50/11.99-50-16R7	02462830	11,5-11,99	50,0	121,3	58,3	11,0	73,3	48,0	16,0	20,0
SD105-12.00/12.49-65-16R7	02445808	12,0-12,49	65,0	141,0	73,0	11,5	93,0	48,0	16,0	20,0
SD105-12.50/12.99-65-16R7	02445809	12,5-12,99	65,0	141,4	73,4	12,0	93,4	48,0	16,0	20,0
SD105-13.00/13.99-65-16R7	02445810	13,0-13,99	65,0	141,8	73,8	12,5	93,8	48,0	16,0	20,0
SD105-14.00/14.99-80-16R7	02445811	14,0-14,99	80,0	157,4	89,4	13,5	109,4	48,0	16,0	20,0
SD105-15.00/15.99-80-16R7	02445812	15,0-15,99	80,0	158,3	90,3	14,5	110,3	48,0	16,0	20,0
SD105-16.00/16.99-80-16R7	02445813	16,0-16,99	80,0	159,0	91,0	15,5	111,0	48,0	16,0	20,0
SD105-17.00/17.99-95-20R7	02445814	17,0-17,99	95,0	176,7	107,7	16,5	126,7	50,0	20,0	25,0
SD105-18.00/18.99-95-20R7	02445815	18,0-18,99	95,0	177,7	108,7	17,5	127,7	50,0	20,0	25,0
SD105-19.00/19.99-95-20R7	02445816	19,0-19,99	95,0	178,5	109,5	18,5	128,5	50,0	20,0	25,0
SD105-20.00/21.99-125-25R7	02462843	20,0-21,99	125,0	214,5	138,5	19,5	158,5	56,0	25,0	31,0
SD105-22.00/23.99-125-25R7	02462848	22,0-23,99	125,0	214,5	138,5	21,5	158,5	56,0	25,0	31,0
SD105-24.00/25.99-125-25R7	02462850	24,0-25,99	125,0	214,5	138,5	23,5	158,5	56,0	25,0	31,0

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Clé	Vis de serrage	Pièces de rechange
			
10,00-11,99	H1.5-2D	MP6SS3X12	SD105-SP-4.0
12,00-13,99	H1.5-2D	MP6SS3X12	SD105-SP-5.0
14,00-16,99	H2.0-2D	MP6SS4X12	SD105-SP-6.0
17,00-19,99	H2.5-2D	MP6SS5X16	SD105-SP-7.0
20,00-25,99	H2.5-2D	MP6SS5X16	SD105-SP-8.0

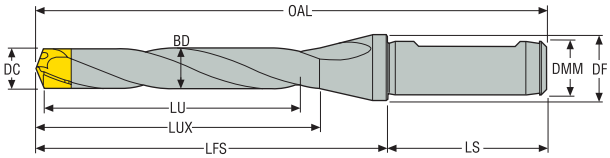
Accessoires

Embout interchangeable	Clé dynamo-métrique
	
H00-1.5	H00-1509
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD105 – R7

Profondeur de perçage ~ 5 x D – Attachement en pouces





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 184

Références	Numéro de produit	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD105-10.00/10.49-50-0625R7	02466034	0.394-0.413	1.969	4.728	2.256	0.374	2.839	1.890	0.625	0.787
SD105-10.50/10.99-50-0625R7	02466037	0.413-0.433	1.969	4.748	2.256	0.394	2.858	1.890	0.625	0.787
SD105-11.00/11.49-50-0625R7	02466041	0.433-0.452	1.969	4.760	2.256	0.413	2.870	1.890	0.625	0.787
SD105-11.50/11.99-50-0625R7	02466042	0.453-0.472	1.969	4.776	2.295	0.433	2.886	1.890	0.625	0.787
SD105-12.00/12.49-65-0625R7	02445835	0.472-0.492	2.559	5.551	2.874	0.453	3.661	1.890	0.625	0.787
SD105-12.50/12.99-65-0625R7	02445836	0.492-0.511	2.559	5.567	2.890	0.472	3.677	1.890	0.625	0.787
SD105-13.00/13.99-65-0625R7	02445837	0.512-0.551	2.559	5.583	2.906	0.492	3.693	1.890	0.625	0.787
SD105-14.00/14.99-80-0625R7	02445838	0.551-0.590	3.150	6.197	3.520	0.531	4.307	1.890	0.625	0.787
SD105-15.00/15.99-80-0625R7	02445839	0.591-0.630	3.150	6.232	3.555	0.571	4.343	1.890	0.625	0.787
SD105-16.00/16.99-80-0625R7	02445840	0.630-0.669	3.150	6.260	3.583	0.610	4.370	1.890	0.625	0.787
SD105-17.00/17.99-95-0750R7	02445841	0.669-0.708	3.740	6.957	4.240	0.650	4.988	1.969	0.750	0.984
SD105-18.00/18.99-95-0750R7	02445842	0.709-0.748	3.740	6.996	4.280	0.689	5.028	1.969	0.750	0.984
SD105-19.00/19.99-95-0750R7	02445843	0.748-0.787	3.740	7.028	4.311	0.728	5.059	1.969	0.750	0.984
SD105-20.00/21.99-125-1000R7	02466052	0.787-0.866	4.921	8.445	5.453	0.768	6.240	2.205	1.000	1.220
SD105-22.00/23.99-125-1000R7	02466053	0.866-0.944	4.921	8.445	5.453	0.846	6.240	2.205	1.000	1.220
SD105-24.00/25.99-125-1000R7	02466054	0.945-1.023	4.921	8.445	5.453	0.925	6.240	2.205	1.000	1.220

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Clé	Vis de serrage	Pièces de rechange
			
0.394-0.472	H1.5-2D	MP6SS3X12	SD105-SP-4.0
0.472-0.551	H1.5-2D	MP6SS3X12	SD105-SP-5.0
0.551-0.669	H2.0-2D	MP6SS4X12	SD105-SP-6.0
0.669-0.787	H2.5-2D	MP6SS5X16	SD105-SP-7.0
0.787-1.023	H2.5-2D	MP6SS5X16	SD105-SP-8.0

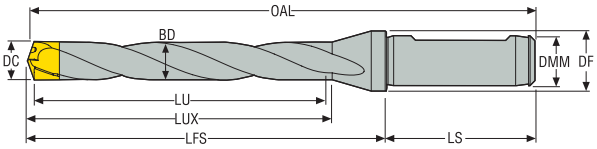
Accessoires

Embout interchangeable	Clé dynamo-métrique
	
H00-1.5	H00-1509
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD107 – R7

Profondeur de perçage ~ 7 x D – Attachement métrique





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 185

Références	Numéro de produit	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm	mm
SD107-12.00/12.49-90-16R7	02427470	12,0-12,49	90,0	166,5	100,5	11,5	118,5	48,0	16,0	20,0
SD107-12.50/12.99-90-16R7	02427472	12,5-12,99	90,0	167,0	101,0	12,0	119,0	48,0	16,0	20,0
SD107-13.00/13.99-90-16R7	02427473	13,0-13,99	90,0	167,5	101,5	12,5	119,5	48,0	16,0	20,0
SD107-14.00/14.99-110-16R7	02427474	14,0-14,99	110,0	188,0	122,0	13,5	140,0	48,0	16,0	20,0
SD107-15.00/15.99-110-16R7	02427476	15,0-15,99	110,0	189,0	123,0	14,5	141,0	48,0	16,0	20,0
SD107-16.00/16.99-110-16R7	02427443	16,0-16,99	110,0	189,5	123,5	15,5	141,5	48,0	16,0	20,0
SD107-17.00/17.99-130-20R7	02427478	17,0-17,99	130,0	212,5	144,5	16,5	162,5	50,0	20,0	25,0
SD107-18.00/18.99-130-20R7	02427479	18,0-18,99	130,0	213,5	145,5	17,5	163,5	50,0	20,0	25,0
SD107-19.00/19.99-130-20R7	02427480	19,0-19,99	130,0	214,5	146,5	18,5	164,5	50,0	20,0	25,0
SD107-20.00/21.99-175-25R7	02530422	20,0-21,99	175,0	264,5	188,5	19,5	208,5	56,0	25,0	31,0
SD107-22.00/23.99-175-25R7	02530423	22,0-23,99	175,0	264,5	188,5	21,5	208,5	56,0	25,0	31,0
SD107-24.00/25.99-175-25R7	02517867	24,0-25,99	175,0	264,5	188,5	23,5	208,5	56,0	25,0	31,0

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Clé	Vis de serrage	Pièces de rechange
			
12,00-13,99	H1.5-2D	MP6SS3X12	SD107-SP-5.0
14,00-16,99	H2.0-2D	MP6SS4X12	SD107-SP-6.0
17,00-19,99	H2.5-2D	MP6SS5X16	SD107-SP-7.0
20,00-25,99	H2.5-2D	MP6SS5X16	SD107-SP-8.0

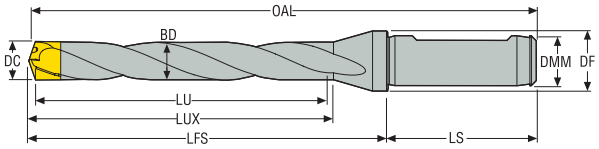
Accessoires

Embout interchangeable	Clé dynamo-métrique
	
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD107 – R7

Profondeur de perçage ~ 7 x D – Attachement en pouces





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 185

Références	Numéro de produit	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD107-12.00/12.49-90-0625R7	00040003	0.472-0.492	3.543	6.555	3.957	0.453	4.665	1.890	0.625	0.787
SD107-12.50/12.99-90-0625R7	00040004	0.492-0.511	3.543	6.575	3.976	0.472	4.685	1.890	0.625	0.787
SD107-13.00/13.99-90-0625R7	00040005	0.512-0.551	3.543	6.594	3.996	0.492	4.705	1.890	0.625	0.787
SD107-14.00/14.99-110-0625R7	00040006	0.551-0.590	4.331	7.402	4.803	0.531	5.512	1.890	0.625	0.787
SD107-15.00/15.99-110-0625R7	00040007	0.591-0.630	4.331	7.441	4.843	0.571	5.551	1.890	0.625	0.787
SD107-16.00/16.99-110-0625R7	00040008	0.630-0.669	4.331	7.461	4.862	0.610	5.571	1.890	0.625	0.787
SD107-17.00/17.99-130-0750R7	00040009	0.669-0.708	5.118	8.366	5.689	0.650	6.398	1.969	0.750	0.984
SD107-18.00/18.99-130-0750R7	00040010	0.709-0.748	5.118	8.406	5.728	0.689	6.437	1.969	0.750	0.984
SD107-19.00/19.99-130-0750R7	00040011	0.748-0.787	5.118	8.445	5.768	0.728	6.476	1.969	0.750	0.984
SD107-20.00/21.99-175-1000R7	02529095	0.787-0.866	6.890	10.413	7.421	0.768	8.209	2.205	1.000	1.220
SD107-22.00/23.99-175-1000R7	02530424	0.866-0.944	6.890	10.413	7.421	0.846	8.209	2.205	1.000	1.220
SD107-24.00/25.99-175-1000R7	02530425	0.945-1.023	6.890	10.413	7.421	0.925	8.209	2.205	1.000	1.220

Pièces détachées, pièces incluses lors de la livraison

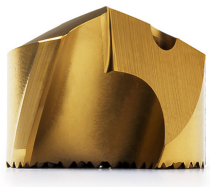
Pour dia. de foret (pouce)	Clé	Vis de serrage	Pièces de rechange
			
0.472-0.551	H1.5-2D	MP6SS3X12	SD107-SP-5.0
0.551-0.669	H2.0-2D	MP6SS4X12	SD107-SP-6.0
0.669-0.787	H2.5-2D	MP6SS5X16	SD107-SP-7.0
0.787-1.023	H2.5-2D	MP6SS5X16	SD107-SP-8.0

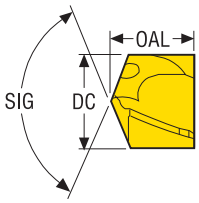
Accessoires

Embout interchangeable	Clé dynamo-métrique
	
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

Couronnes – géométrie -P, -M et -K

Angle de pointe 140°



Références	Numéro de produit	Géométrie - P	Géométrie - M	Géométrie - K	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-9.52-M	02700334	–	■	–	9,52	*0.375*	8,08	*0.318*
SD100-9.52-P	02673829	■	–	–	9,52	*0.375*	8,08	*0.318*
SD100-10.00-M	02469072	–	■	–	10,0	*0.394*	8,1	*0.319*
SD100-10.00-P	02469022	■	–	–	10,0	*0.394*	8,1	*0.319*
SD100-10.10-P	02469024	■	–	–	10,1	*0.398*	8,1	*0.319*
SD100-10.20-K	02544440	–	–	■	10,2	*0.402*	8,1	*0.319*
SD100-10.20-M	02469074	–	■	–	10,2	*0.402*	8,1	*0.319*
SD100-10.20-P	02469025	■	–	–	10,2	*0.402*	8,1	*0.319*
SD100-10.30-P	02469026	■	–	–	10,3	*0.406*	8,1	*0.319*
SD100-10.319-M	02469075	–	■	–	10,319	*0.406*	8,1	*0.319*
SD100-10.319-P	02469027	■	–	–	10,319	*0.406*	8,1	*0.319*
SD100-10.40-P	02592734	■	–	–	10,4	*0.409*	8,1	*0.319*
SD100-10.50-K	02556726	–	–	■	10,5	*0.413*	8,5	*0.335*
SD100-10.50-M	02469076	–	■	–	10,5	*0.413*	8,5	*0.335*
SD100-10.50-P	02469034	■	–	–	10,5	*0.413*	8,5	*0.335*
SD100-10.70-P	02469036	■	–	–	10,7	*0.421*	8,5	*0.335*
SD100-10.716-P	02469037	■	–	–	10,716	*0.422*	8,5	*0.335*
SD100-10.80-M	02469078	–	■	–	10,8	*0.425*	8,5	*0.335*
SD100-10.80-P	02469038	■	–	–	10,8	*0.425*	8,5	*0.335*
SD100-10.90-P	02469041	■	–	–	10,9	*0.429*	8,5	*0.335*
SD100-11.00-M	02469079	–	■	–	11,0	*0.433*	8,8	*0.346*
SD100-11.00-P	02469052	■	–	–	11,0	*0.433*	8,8	*0.346*
SD100-11.113-M	02469080	–	■	–	11,113	*0.438*	8,8	*0.346*
SD100-11.113-P	02469056	■	–	–	11,113	*0.438*	8,8	*0.346*
SD100-11.20-M	02469082	–	■	–	11,2	*0.441*	8,8	*0.346*
SD100-11.20-P	02469058	■	–	–	11,2	*0.441*	8,8	*0.346*
SD100-11.30-P	02469063	■	–	–	11,3	*0.445*	8,8	*0.346*
SD100-11.50-P	02469065	■	–	–	11,5	*0.453*	9,4	*0.370*
SD100-11.509-M	02469083	–	■	–	11,509	*0.453*	9,4	*0.370*
SD100-11.509-P	02469067	■	–	–	11,509	*0.453*	9,4	*0.370*
SD100-11.70-P	02469068	■	–	–	11,7	*0.461*	9,4	*0.370*
SD100-11.80-K	02542583	–	–	■	11,8	*0.465*	9,4	*0.370*
SD100-11.80-M	02469085	–	■	–	11,8	*0.465*	9,4	*0.370*
SD100-11.80-P	02469069	■	–	–	11,8	*0.465*	9,4	*0.370*
SD100-11.907-M	02592744	–	■	–	11,907	*0.469*	9,4	*0.370*
SD100-11.907-P	02469070	■	–	–	11,907	*0.469*	9,4	*0.370*
SD100-12.00-K	00090316	–	–	■	12,0	*0.472*	9,6	*0.378*
SD100-12.00-M	00090315	–	■	–	12,0	*0.472*	9,6	*0.378*
SD100-12.00-P	00090314	■	–	–	12,0	*0.472*	9,6	*0.378*
SD100-12.10-P	00039002	■	–	–	12,1	*0.476*	9,6	*0.378*
SD100-12.20-P	00048248	■	–	–	12,2	*0.480*	9,6	*0.378*
SD100-12.30-M	00071559	–	■	–	12,3	*0.484*	9,6	*0.378*
SD100-12.30-P	00071546	■	–	–	12,3	*0.484*	9,6	*0.378*

Références	Numéro de produit	Géométrie - P	Géométrie - M	Géométrie - K	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-12.41-M	00059768	–	■	–	12,41	*0.489*	9,6	*0.378*
SD100-12.41-P	00059767	■	–	–	12,41	*0.489*	9,6	*0.378*
SD100-12.50-K	00090319	–	–	■	12,5	*0.492*	10,0	*0.394*
SD100-12.50-M	00090318	–	■	–	12,5	*0.492*	10,0	*0.394*
SD100-12.50-P	00090317	■	–	–	12,5	*0.492*	10,0	*0.394*
SD100-12.60-P	02207212	■	–	–	12,6	*0.496*	10,0	*0.394*
SD100-12.70-K	00059633	–	–	■	12,7	*0.500*	10,0	*0.394*
SD100-12.70-M	00059632	–	■	–	12,7	*0.500*	10,0	*0.394*
SD100-12.70-P	00059631	■	–	–	12,7	*0.500*	10,0	*0.394*
SD100-12.80-K	00059636	–	–	■	12,8	*0.504*	10,0	*0.394*
SD100-12.80-M	00059635	–	■	–	12,8	*0.504*	10,0	*0.394*
SD100-12.80-P	00059634	■	–	–	12,8	*0.504*	10,0	*0.394*
SD100-12.90-M	02503935	–	■	–	12,9	*0.508*	10,0	*0.394*
SD100-12.90-P	00030891	■	–	–	12,9	*0.508*	10,0	*0.394*
SD100-13.00-K	00098529	–	–	■	13,0	*0.512*	10,4	*0.409*
SD100-13.00-M	00098528	–	■	–	13,0	*0.512*	10,4	*0.409*
SD100-13.00-P	00098527	■	–	–	13,0	*0.512*	10,4	*0.409*
SD100-13.10-K	00059639	–	–	■	13,1	*0.516*	10,4	*0.409*
SD100-13.10-M	00059638	–	■	–	13,1	*0.516*	10,4	*0.409*
SD100-13.10-P	00059637	■	–	–	13,1	*0.516*	10,4	*0.409*
SD100-13.20-P	00030894	■	–	–	13,2	*0.520*	10,4	*0.409*
SD100-13.30-M	00059641	–	■	–	13,3	*0.524*	10,4	*0.409*
SD100-13.30-P	00059640	■	–	–	13,3	*0.524*	10,4	*0.409*
SD100-13.50-K	00098532	–	–	■	13,5	*0.531*	10,4	*0.409*
SD100-13.50-M	00098531	–	■	–	13,5	*0.531*	10,4	*0.409*
SD100-13.50-P	00098530	■	–	–	13,5	*0.531*	10,4	*0.409*
SD100-13.70-M	00059644	–	■	–	13,7	*0.539*	10,4	*0.409*
SD100-13.70-P	00059643	■	–	–	13,7	*0.539*	10,4	*0.409*
SD100-13.80-K	00059648	–	–	■	13,8	*0.543*	10,4	*0.409*
SD100-13.80-M	00059647	–	■	–	13,8	*0.543*	10,4	*0.409*
SD100-13.80-P	00059646	■	–	–	13,8	*0.543*	10,4	*0.409*
SD100-13.89-M	00059771	–	■	–	13,89	*0.547*	10,4	*0.409*
SD100-13.89-P	00059770	■	–	–	13,89	*0.547*	10,4	*0.409*
SD100-14.00-K	00090322	–	–	■	14,0	*0.551*	11,0	*0.433*
SD100-14.00-M	00090321	–	■	–	14,0	*0.551*	11,0	*0.433*
SD100-14.00-P	00090320	■	–	–	14,0	*0.551*	11,0	*0.433*
SD100-14.10-P	00082712	■	–	–	14,1	*0.555*	11,0	*0.433*
SD100-14.20-K	00071549	–	–	■	14,2	*0.559*	11,0	*0.433*
SD100-14.20-M	00071561	–	■	–	14,2	*0.559*	11,0	*0.433*
SD100-14.20-P	00071548	■	–	–	14,2	*0.559*	11,0	*0.433*
SD100-14.29-K	00059675	–	–	■	14,29	*0.563*	11,0	*0.433*
SD100-14.29-M	00059674	–	■	–	14,29	*0.563*	11,0	*0.433*
SD100-14.29-P	00059673	■	–	–	14,29	*0.563*	11,0	*0.433*
SD100-14.40-P	02207869	■	–	–	14,4	*0.567*	11,0	*0.433*
SD100-14.50-K	00090325	–	–	■	14,5	*0.571*	11,0	*0.433*
SD100-14.50-M	00090324	–	■	–	14,5	*0.571*	11,0	*0.433*
SD100-14.50-P	00090323	■	–	–	14,5	*0.571*	11,0	*0.433*
SD100-14.68-K	00059775	–	–	■	14,68	*0.578*	11,0	*0.433*
SD100-14.68-M	00059774	–	■	–	14,68	*0.578*	11,0	*0.433*
SD100-14.68-P	00059773	■	–	–	14,68	*0.578*	11,0	*0.433*
SD100-14.70-M	00059650	–	■	–	14,7	*0.579*	11,0	*0.433*
SD100-14.70-P	00059649	■	–	–	14,7	*0.579*	11,0	*0.433*

Références	Numéro de produit	Géométrie - P	Géométrie - M	Géométrie - K	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-14.80-M	00059653	–	■	–	14,8	*0.583*	11,0	*0.433*
SD100-14.80-P	00059652	■	–	–	14,8	*0.583*	11,0	*0.433*
SD100-14.90-M	02592745	–	■	–	14,9	*0.587*	11,0	*0.433*
SD100-14.90-P	00030895	■	–	–	14,9	*0.587*	11,0	*0.433*
SD100-15.00-K	00090328	–	–	■	15,0	*0.591*	11,9	*0.469*
SD100-15.00-M	00090327	–	■	–	15,0	*0.591*	11,9	*0.469*
SD100-15.00-P	00090326	■	–	–	15,0	*0.591*	11,9	*0.469*
SD100-15.08-M	00059777	–	■	–	15,08	*0.594*	11,9	*0.469*
SD100-15.08-P	00059776	■	–	–	15,08	*0.594*	11,9	*0.469*
SD100-15.10-P	00079342	■	–	–	15,1	*0.594*	11,9	*0.469*
SD100-15.20-P	00030896	■	–	–	15,2	*0.598*	11,9	*0.469*
SD100-15.25-K	00071551	–	–	■	15,25	*0.600*	11,9	*0.469*
SD100-15.25-M	00071562	–	■	–	15,25	*0.600*	11,9	*0.469*
SD100-15.25-P	00071550	■	–	–	15,25	*0.600*	11,9	*0.469*
SD100-15.48-K	00022926	–	–	■	15,48	*0.609*	11,9	*0.469*
SD100-15.48-M	00059780	–	■	–	15,48	*0.609*	11,9	*0.469*
SD100-15.48-P	00059779	■	–	–	15,48	*0.609*	11,9	*0.469*
SD100-15.50-K	00098535	–	–	■	15,5	*0.610*	11,9	*0.469*
SD100-15.50-M	00098534	–	■	–	15,5	*0.610*	11,9	*0.469*
SD100-15.50-P	00098533	■	–	–	15,5	*0.610*	11,9	*0.469*
SD100-15.70-M	00059656	–	■	–	15,7	*0.618*	11,9	*0.469*
SD100-15.70-P	00059655	■	–	–	15,7	*0.618*	11,9	*0.469*
SD100-15.80-K	00059660	–	–	■	15,8	*0.622*	11,9	*0.469*
SD100-15.80-M	00059659	–	■	–	15,8	*0.622*	11,9	*0.469*
SD100-15.80-P	00059658	■	–	–	15,8	*0.622*	11,9	*0.469*
SD100-15.88-K	00059678	–	–	■	15,88	*0.625*	11,9	*0.469*
SD100-15.88-M	00059677	–	■	–	15,88	*0.625*	11,9	*0.469*
SD100-15.88-P	00059676	■	–	–	15,88	*0.625*	11,9	*0.469*
SD100-16.00-K	00098538	–	–	■	16,0	*0.630*	12,6	*0.496*
SD100-16.00-M	00098537	–	■	–	16,0	*0.630*	12,6	*0.496*
SD100-16.00-P	00098536	■	–	–	16,0	*0.630*	12,6	*0.496*
SD100-16.10-P	00077964	■	–	–	16,1	*0.634*	12,6	*0.496*
SD100-16.20-P	00047365	■	–	–	16,2	*0.638*	12,6	*0.496*
SD100-16.25-P	00034081	■	–	–	16,25	*0.640*	12,6	*0.496*
SD100-16.27-K	00022929	–	–	■	16,27	*0.641*	12,6	*0.496*
SD100-16.27-M	00022928	–	■	–	16,27	*0.641*	12,6	*0.496*
SD100-16.27-P	00022927	■	–	–	16,27	*0.641*	12,6	*0.496*
SD100-16.40-P	02301114	■	–	–	16,4	*0.646*	12,6	*0.496*
SD100-16.50-K	00098541	–	–	■	16,5	*0.650*	12,6	*0.496*
SD100-16.50-M	00098540	–	■	–	16,5	*0.650*	12,6	*0.496*
SD100-16.50-P	00098539	■	–	–	16,5	*0.650*	12,6	*0.496*
SD100-16.67-K	00059681	–	–	■	16,67	*0.656*	12,6	*0.496*
SD100-16.67-M	00059680	–	■	–	16,67	*0.656*	12,6	*0.496*
SD100-16.67-P	00059679	■	–	–	16,67	*0.656*	12,6	*0.496*
SD100-16.70-K	00059663	–	–	■	16,7	*0.657*	12,6	*0.496*
SD100-16.70-M	00059662	–	■	–	16,7	*0.657*	12,6	*0.496*
SD100-16.70-P	00059661	■	–	–	16,7	*0.657*	12,6	*0.496*
SD100-16.80-K	00059666	–	–	■	16,8	*0.661*	12,6	*0.496*
SD100-16.80-M	00059665	–	■	–	16,8	*0.661*	12,6	*0.496*
SD100-16.80-P	00059664	■	–	–	16,8	*0.661*	12,6	*0.496*
SD100-16.90-M	02593463	–	■	–	16,9	*0.665*	12,6	*0.496*
SD100-16.90-P	00030898	■	–	–	16,9	*0.665*	12,6	*0.496*

Références	Numéro de produit	Géométrie - P	Géométrie - M	Géométrie - K	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-17.00-K	00090331	–	–	■	17,0	*0.669*	13,3	*0.524*
SD100-17.00-M	00090330	–	■	–	17,0	*0.669*	13,3	*0.524*
SD100-17.00-P	00090329	■	–	–	17,0	*0.669*	13,3	*0.524*
SD100-17.07-K	00022933	–	–	■	17,07	*0.672*	13,3	*0.524*
SD100-17.07-M	00022932	–	■	–	17,07	*0.672*	13,3	*0.524*
SD100-17.07-P	00022931	■	–	–	17,07	*0.672*	13,3	*0.524*
SD100-17.10-P	00034083	■	–	–	17,1	*0.673*	13,3	*0.524*
SD100-17.20-K	02515762	–	–	■	17,2	*0.677*	13,3	*0.524*
SD100-17.20-P	00047714	■	–	–	17,2	*0.677*	13,3	*0.524*
SD100-17.30-K	02203711	–	–	■	17,3	*0.681*	13,3	*0.524*
SD100-17.46-M	00059683	–	■	–	17,46	*0.687*	13,3	*0.524*
SD100-17.46-P	00059682	■	–	–	17,46	*0.687*	13,3	*0.524*
SD100-17.50-K	00090334	–	–	■	17,5	*0.689*	13,3	*0.524*
SD100-17.50-M	00090333	–	■	–	17,5	*0.689*	13,3	*0.524*
SD100-17.50-P	00090332	■	–	–	17,5	*0.689*	13,3	*0.524*
SD100-17.70-K	00059669	–	–	■	17,7	*0.697*	13,3	*0.524*
SD100-17.70-M	00059668	–	■	–	17,7	*0.697*	13,3	*0.524*
SD100-17.70-P	00059667	■	–	–	17,7	*0.697*	13,3	*0.524*
SD100-17.80-K	00059672	–	–	■	17,8	*0.701*	13,3	*0.524*
SD100-17.80-M	00059671	–	■	–	17,8	*0.701*	13,3	*0.524*
SD100-17.80-P	00059670	■	–	–	17,8	*0.701*	13,3	*0.524*
SD100-17.86-K	00022936	–	–	■	17,86	*0.703*	13,3	*0.524*
SD100-17.86-M	00022935	–	■	–	17,86	*0.703*	13,3	*0.524*
SD100-17.86-P	00022934	■	–	–	17,86	*0.703*	13,3	*0.524*
SD100-17.90-M	02442098	–	■	–	17,9	*0.705*	13,3	*0.524*
SD100-17.90-P	00047693	■	–	–	17,9	*0.705*	13,3	*0.524*
SD100-18.00-K	00090337	–	–	■	18,0	*0.709*	14,4	*0.567*
SD100-18.00-M	00090336	–	■	–	18,0	*0.709*	14,4	*0.567*
SD100-18.00-P	00090335	■	–	–	18,0	*0.709*	14,4	*0.567*
SD100-18.10-P	00030900	■	–	–	18,1	*0.713*	14,4	*0.567*
SD100-18.20-P	00038469	■	–	–	18,2	*0.717*	14,4	*0.567*
SD100-18.26-K	00035196	–	–	■	18,26	*0.719*	14,4	*0.567*
SD100-18.26-M	00022938	–	■	–	18,26	*0.719*	14,4	*0.567*
SD100-18.26-P	00022937	■	–	–	18,26	*0.719*	14,4	*0.567*
SD100-18.50-K	00059687	–	–	■	18,5	*0.728*	14,4	*0.567*
SD100-18.50-M	00059686	–	■	–	18,5	*0.728*	14,4	*0.567*
SD100-18.50-P	00059685	■	–	–	18,5	*0.728*	14,4	*0.567*
SD100-18.65-M	00035198	–	■	–	18,65	*0.734*	14,4	*0.567*
SD100-18.65-P	00035197	■	–	–	18,65	*0.734*	14,4	*0.567*
SD100-18.70-M	00059689	–	■	–	18,7	*0.736*	14,4	*0.567*
SD100-18.70-P	00059688	■	–	–	18,7	*0.736*	14,4	*0.567*
SD100-18.80-K	00059693	–	–	■	18,8	*0.740*	14,4	*0.567*
SD100-18.80-M	00059692	–	■	–	18,8	*0.740*	14,4	*0.567*
SD100-18.80-P	00059691	■	–	–	18,8	*0.740*	14,4	*0.567*
SD100-18.90-M	02592746	–	■	–	18,9	*0.744*	14,4	*0.567*
SD100-18.90-P	00030901	■	–	–	18,9	*0.744*	14,4	*0.567*
SD100-19.00-K	00059696	–	–	■	19,0	*0.748*	15,2	*0.598*
SD100-19.00-M	00059695	–	■	–	19,0	*0.748*	15,2	*0.598*
SD100-19.00-P	00059694	■	–	–	19,0	*0.748*	15,2	*0.598*
SD100-19.05-K	00059699	–	–	■	19,05	*0.750*	15,2	*0.598*
SD100-19.05-M	00059698	–	■	–	19,05	*0.750*	15,2	*0.598*
SD100-19.05-P	00059697	■	–	–	19,05	*0.750*	15,2	*0.598*

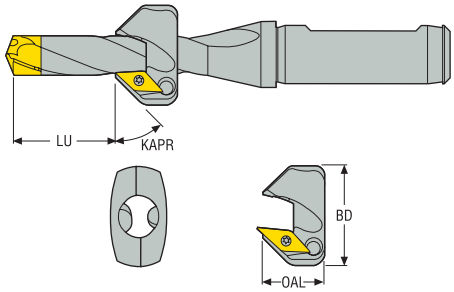
Références	Numéro de produit	Géométrie - P	Géométrie - M	Géométrie - K	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-19.10-P	00030902	■	–	–	19,1	*0.752*	15,2	*0.598*
SD100-19.20-K	00071566	–	–	■	19,2	*0.756*	15,2	*0.598*
SD100-19.20-M	00071564	–	■	–	19,2	*0.756*	15,2	*0.598*
SD100-19.20-P	00071563	■	–	–	19,2	*0.756*	15,2	*0.598*
SD100-19.25-P	00048318	■	–	–	19,25	*0.758*	15,2	*0.598*
SD100-19.45-K	00035202	–	–	■	19,45	*0.766*	15,2	*0.598*
SD100-19.45-M	00035201	–	■	–	19,45	*0.766*	15,2	*0.598*
SD100-19.45-P	00035200	■	–	–	19,45	*0.766*	15,2	*0.598*
SD100-19.50-K	00059702	–	–	■	19,5	*0.768*	15,2	*0.598*
SD100-19.50-M	00059701	–	■	–	19,5	*0.768*	15,2	*0.598*
SD100-19.50-P	00059700	■	–	–	19,5	*0.768*	15,2	*0.598*
SD100-19.70-K	00059705	–	–	■	19,7	*0.776*	15,2	*0.598*
SD100-19.70-M	00059704	–	■	–	19,7	*0.776*	15,2	*0.598*
SD100-19.70-P	00059703	■	–	–	19,7	*0.776*	15,2	*0.598*
SD100-19.80-K	00059708	–	–	■	19,8	*0.780*	15,2	*0.598*
SD100-19.80-M	00059707	–	■	–	19,8	*0.780*	15,2	*0.598*
SD100-19.80-P	00059706	■	–	–	19,8	*0.780*	15,2	*0.598*
SD100-19.84-M	00035204	–	■	–	19,84	*0.781*	15,2	*0.598*
SD100-19.84-P	00035203	■	–	–	19,84	*0.781*	15,2	*0.598*
SD100-19.90-M	02592747	–	■	–	19,9	*0.783*	15,2	*0.598*
SD100-19.90-P	00010065	■	–	–	19,9	*0.783*	15,2	*0.598*
SD100-19.99-P	00081744	■	–	–	19,99	*0.787*	15,2	*0.598*
SD100-20.00-K	02433368	–	–	■	20,0	*0.787*	15,2	*0.598*
SD100-20.00-M	02469176	–	■	–	20,0	*0.787*	15,2	*0.598*
SD100-20.00-P	02469095	■	–	–	20,0	*0.787*	15,2	*0.598*
SD100-20.241-P	02469096	■	–	–	20,241	*0.797*	15,2	*0.598*
SD100-20.50-K	02569177	–	–	■	20,5	*0.807*	15,2	*0.598*
SD100-20.50-M	02469178	–	■	–	20,5	*0.807*	15,2	*0.598*
SD100-20.50-P	02469098	■	–	–	20,5	*0.807*	15,2	*0.598*
SD100-20.638-M	02469179	–	■	–	20,638	*0.813*	15,2	*0.598*
SD100-20.638-P	02469100	■	–	–	20,638	*0.813*	15,2	*0.598*
SD100-20.80-P	02508750	■	–	–	20,8	*0.819*	15,2	*0.598*
SD100-20.90-P	02586615	■	–	–	20,9	*0.823*	15,2	*0.598*
SD100-21.00-K	02523183	–	–	■	21,0	*0.827*	15,2	*0.598*
SD100-21.00-M	02469180	–	■	–	21,0	*0.827*	15,2	*0.598*
SD100-21.00-P	02469118	■	–	–	21,0	*0.827*	15,2	*0.598*
SD100-21.034-P	02469120	■	–	–	21,034	*0.828*	15,2	*0.598*
SD100-21.20-P	02469121	■	–	–	21,2	*0.835*	15,2	*0.598*
SD100-21.30-P	02521624	■	–	–	21,3	*0.839*	15,2	*0.598*
SD100-21.430-M	02469182	–	■	–	21,43	*0.844*	15,2	*0.598*
SD100-21.430-P	02469122	■	–	–	21,43	*0.844*	15,2	*0.598*
SD100-21.50-K	02521338	–	–	■	21,5	*0.846*	15,2	*0.598*
SD100-21.50-M	02469183	–	■	–	21,5	*0.846*	15,2	*0.598*
SD100-21.50-P	02469124	■	–	–	21,5	*0.846*	15,2	*0.598*
SD100-21.80-K	02592763	–	–	■	21,8	*0.858*	15,2	*0.598*
SD100-21.80-M	02555978	–	■	–	21,8	*0.858*	15,2	*0.598*
SD100-21.80-P	02592735	■	–	–	21,8	*0.858*	15,2	*0.598*
SD100-21.829-P	02469125	■	–	–	21,829	*0.859*	15,2	*0.598*
SD100-21.90-M	02592752	–	■	–	21,9	*0.862*	15,2	*0.598*
SD100-21.90-P	02592736	■	–	–	21,9	*0.862*	15,2	*0.598*
SD100-22.00-K	02511599	–	–	■	22,0	*0.866*	15,2	*0.598*
SD100-22.00-M	02469185	–	■	–	22,0	*0.866*	15,2	*0.598*

Références	Numéro de produit	Géométrie - P	Géométrie - M	Géométrie - K	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-22.00-P	02469128	■	–	–	22,0	*0.866*	15,2	*0.598*
SD100-22.225-M	02469186	–	■	–	22,225	*0.875*	15,2	*0.598*
SD100-22.225-P	02469129	■	–	–	22,225	*0.875*	15,2	*0.598*
SD100-22.50-K	02569178	–	–	■	22,5	*0.886*	15,2	*0.598*
SD100-22.50-M	02469188	–	■	–	22,5	*0.886*	15,2	*0.598*
SD100-22.50-P	02469132	■	–	–	22,5	*0.886*	15,2	*0.598*
SD100-22.621-P	02469133	■	–	–	22,621	*0.891*	15,2	*0.598*
SD100-22.80-M	02592754	–	■	–	22,8	*0.898*	15,2	*0.598*
SD100-22.80-P	02539323	■	–	–	22,8	*0.898*	15,2	*0.598*
SD100-22.90-P	02592738	■	–	–	22,9	*0.902*	15,2	*0.598*
SD100-23.00-K	02515181	–	–	■	23,0	*0.906*	15,2	*0.598*
SD100-23.00-M	02469189	–	■	–	23,0	*0.906*	15,2	*0.598*
SD100-23.00-P	02469134	■	–	–	23,0	*0.906*	15,2	*0.598*
SD100-23.416-P	02469136	■	–	–	23,416	*0.922*	15,2	*0.598*
SD100-23.50-K	02551252	–	–	■	23,5	*0.925*	15,2	*0.598*
SD100-23.50-M	02469190	–	■	–	23,5	*0.925*	15,2	*0.598*
SD100-23.50-P	02469138	■	–	–	23,5	*0.925*	15,2	*0.598*
SD100-23.813-K	02592766	–	–	■	23,813	*0.938*	15,2	*0.598*
SD100-23.813-M	02554971	–	■	–	23,813	*0.938*	15,2	*0.598*
SD100-23.813-P	02469140	■	–	–	23,813	*0.938*	15,2	*0.598*
SD100-23.90-M	02592756	–	■	–	23,9	*0.941*	15,2	*0.598*
SD100-23.90-P	02592739	■	–	–	23,9	*0.941*	15,2	*0.598*
SD100-24.00-K	02569179	–	–	■	24,0	*0.945*	15,2	*0.598*
SD100-24.00-M	02469191	–	■	–	24,0	*0.945*	15,2	*0.598*
SD100-24.00-P	02469141	■	–	–	24,0	*0.945*	15,2	*0.598*
SD100-24.209-P	02469142	■	–	–	24,209	*0.953*	15,2	*0.598*
SD100-24.50-K	02569180	–	–	■	24,5	*0.965*	15,2	*0.598*
SD100-24.50-M	02469192	–	■	–	24,5	*0.965*	15,2	*0.598*
SD100-24.50-P	02469144	■	–	–	24,5	*0.965*	15,2	*0.598*
SD100-24.605-P	02469145	■	–	–	24,605	*0.969*	15,2	*0.598*
SD100-24.80-K	02592767	–	–	■	24,8	*0.976*	15,2	*0.598*
SD100-24.80-M	02508165	–	■	–	24,8	*0.976*	15,2	*0.598*
SD100-24.80-P	02529665	■	–	–	24,8	*0.976*	15,2	*0.598*
SD100-24.90-M	02592757	–	■	–	24,9	*0.980*	15,2	*0.598*
SD100-24.90-P	02592740	■	–	–	24,9	*0.980*	15,2	*0.598*
SD100-25.00-K	02524629	–	–	■	25,0	*0.984*	15,2	*0.598*
SD100-25.00-M	02469193	–	■	–	25,0	*0.984*	15,2	*0.598*
SD100-25.00-P	02469146	■	–	–	25,0	*0.984*	15,2	*0.598*
SD100-25.40-K	02569181	–	–	■	25,4	*1.000*	15,2	*0.598*
SD100-25.400-M	02469194	–	■	–	25,4	*1.000*	15,2	*0.598*
SD100-25.400-P	02469147	■	–	–	25,4	*1.000*	15,2	*0.598*
SD100-25.50-P	02536609	■	–	–	25,5	*1.004*	15,2	*0.598*
SD100-25.60-P	02519477	■	–	–	25,6	*1.008*	15,2	*0.598*
SD100-25.80-M	02592758	–	■	–	25,8	*1.016*	15,2	*0.598*
SD100-25.80-P	02581593	■	–	–	25,8	*1.016*	15,2	*0.598*
SD100-25.90-M	02592759	–	■	–	25,9	*1.020*	15,2	*0.598*
SD100-25.90-P	02592741	■	–	–	25,9	*1.020*	15,2	*0.598*
SD100-25.99-K	02516403	–	–	■	25,99	*1.023*	15,2	*0.598*
SD100-25.99-P	02516402	■	–	–	25,99	*1.023*	15,2	*0.598*

■ Disponibilité : voir tarif en vigueur

Module de chanfrein



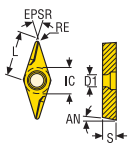


Références	Numéro de produit	Pour corps de foret	KAPR°	Prof. de perçage LU SD101 (min-max)		SD103 (min-max)		SD105 (min-max)		SD107 (min-max)		Prof. de chanfrein max. (mm)	OAL	BD
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*
SD100-C45-12.00/12.49	00014922	SD10x-12.00/12.49	45 °	12,0 *0.472*	13,0 *0.512*	12,0 *0.472*	28,0 *1.102*	28,0 *1.102*	53,0 *2.087*	53,0 *2.087*	78,0 *3.071*	1,5 *0.059*	19,0 *0.748*	28,0 *1.102*
SD100-C45-12.50/12.99	00014923	SD10x-12.50/12.99	45 °	12,0 *0.472*	14,0 *0.551*	12,0 *0.472*	29,0 *1.142*	29,0 *1.142*	54,0 *2.126*	54,0 *2.126*	79,0 *3.110*	1,5 *0.059*	19,0 *0.748*	28,0 *1.102*
SD100-C45-13.00/13.99	00014924	SD10x-13.00/13.99	45 °	13,0 *0.512*	14,0 *0.551*	13,0 *0.512*	29,0 *1.142*	29,0 *1.142*	54,0 *2.126*	54,0 *2.126*	79,0 *3.110*	1,5 *0.059*	19,0 *0.748*	28,0 *1.102*
SD100-C45-14.00/14.99	00014928	SD10x-14.00/14.99	45 °	14,0 *0.551*	20,0 *0.787*	14,0 *0.551*	40,0 *1.575*	40,0 *1.575*	70,0 *2.756*	70,0 *2.756*	100,0 *3.937*	2,0 *0.079*	19,0 *0.748*	31,0 *1.220*
SD100-C45-15.00/15.99	00014931	SD10x-15.00/15.99	45 °	14,0 *0.551*	21,0 *0.827*	14,0 *0.551*	41,0 *1.614*	41,0 *1.614*	71,0 *2.795*	71,0 *2.795*	101,0 *3.976*	2,0 *0.079*	19,0 *0.748*	31,0 *1.220*
SD100-C45-16.00/16.99	00014932	SD10x-16.00/16.99	45 °	15,0 *0.591*	22,0 *0.866*	15,0 *0.591*	42,0 *1.654*	42,0 *1.654*	72,0 *2.835*	72,0 *2.835*	102,0 *4.016*	2,0 *0.079*	19,0 *0.748*	31,0 *1.220*
SD100-C45-17.00/17.99	00014933	SD10x-17.00/17.99	45 °	16,0 *0.630*	25,0 *0.984*	16,0 *0.630*	51,0 *2.008*	51,0 *2.008*	87,0 *3.425*	87,0 *3.425*	123,0 *4.843*	2,0 *0.079*	19,0 *0.748*	36,0 *1.417*
SD100-C45-18.00/18.99	00014935	SD10x-18.00/18.99	45 °	17,0 *0.669*	26,0 *1.024*	17,0 *0.669*	52,0 *2.047*	52,0 *2.047*	88,0 *3.465*	88,0 *3.465*	124,0 *4.882*	2,0 *0.079*	19,0 *0.748*	36,0 *1.417*
SD100-C45-19.00/19.99	00014936	SD10x-19.00/19.99	45 °	18,0 *0.709*	27,0 *1.063*	18,0 *0.709*	53,0 *2.087*	53,0 *2.087*	89,0 *3.504*	89,0 *3.504*	125,0 *4.921*	2,0 *0.079*	19,0 *0.748*	36,0 *1.417*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de plaquette		Clé	Clé de serrage
				
	Plaquette	Module	Plaquette	Module
SD100-12.00–16.99	C02205-T07P	C04011-T15P	T07P-2	T15P-2
SD100-17.00–19.99	C02205-T07P	C05012-T15P	T07P-2	T15P-2

Plaquette



Tolérances : mm/*inch*

IC = ±0,025/*.0009842*
S = ±0,07/*.0027559*
RE = ±0,10/*.0039370*

Taille	L mm/*inch*	EPSR	RE mm/*inch*	IC mm/*inch*	D1 mm/*inch*	AN	S mm/*inch*
09	**9,0**/*.2187*	**35°**	**0,2**/*.0078*	**5,556**/*.2187*	**2,9**/*.1141*	**7°**	**2,5**/*.0984*

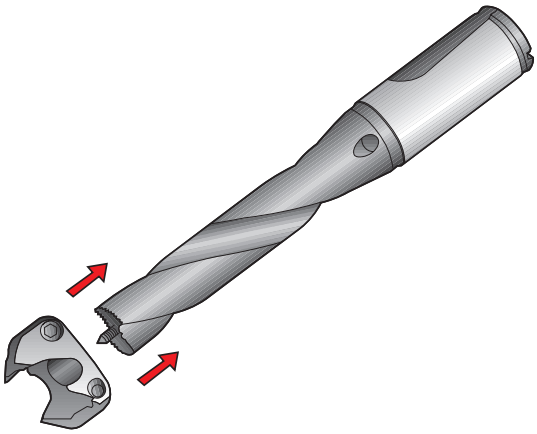
Nuance: T400D

Désignation: VCGX090202-D1

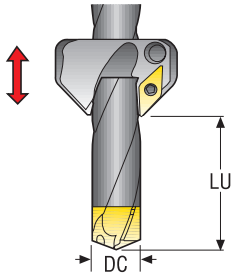
Numéro de produit: 00014948

Instructions de montage / Mise en place de la bague

1. Placer la bague sur le corps sans plaquettes et couronnes montées

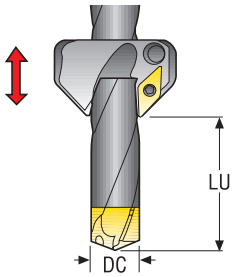


2.1 Si possible, placer la bague le plus près possible de l'attachement.



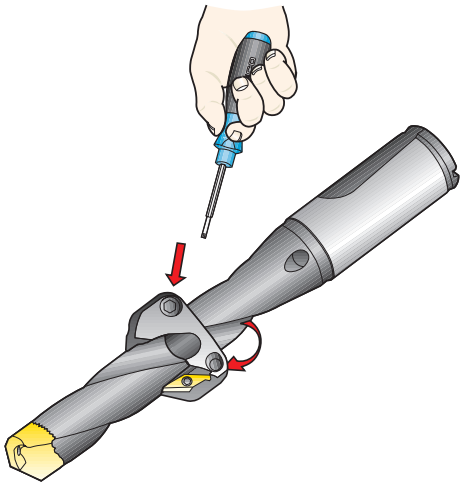
DC		Profondeur de perçage LU (min-max)			
		SD101		SD103	
mm	*pouces*	mm	*pouces*	mm	*pouces*
12	*.472*	12-13	*.472-.512*	12-28	*.472-1.102*
12,5	*.492*	12-14	*.472-.551*	12-29	*.472-1.142*
13	*.512*	13-14	*.512-.551*	13-29	*.512-1.142*
14	*.551*	14-20	*.551-.787*	14-40	*.551-1.575*
15	*.591*	14-21	*.551-.827*	14-41	*.551-1.614*
16	*.630*	15-22	*.591-.866*	15-42	*.591-1.654*
17	*.669*	16-25	*.630-.984*	16-51	*.630-2.008*
18	*.709*	17-26	*.669-1.024*	17-52	*.669-2.047*
19	*.748*	18-27	*.709-1.063*	18-53	*.709-2.087*

2.2 Si possible, placer la bague le plus près possible de l'attachement.



DC		Profondeur de perçage LU (min-max)			
		SD105		SD107	
mm	*pouces*	mm	*pouces*	mm	*pouces*
12	*.472*	28-53	*1.102-2.087*	53-78	*2.087-3.071*
12,5	*.492*	29-54	*1.142-2.126*	54-79	*2.126-3.110*
13	*.512*	29-54	*1.142-2.126*	54-79	*2.126-3.110*
14	*.551*	40-70	*1.575-2.756*	70-100	*2.756-3.937*
15	*.591*	41-71	*1.614-2.785*	71-101	*2.795-3.976*
16	*.630*	42-72	*1.654-2.835*	72-102	*2.835-4.016*
17	*.669*	51-87	*2.008-3.425*	87-123	*3.425-4.843*
18	*.709*	52-88	*2.047-3.465*	88-124	*3.465-4.882*
19	*.748*	53-89	*2.087-3.504*	89-125	*3.504-4.921*

3. Serrer les vis au bon couple de serrage en utilisant le tableau ci-dessous.



DC		M	
mm	*pouces*	Nm	*in-lbs*
12-19	*.472-.748*	3-4	*26-35*

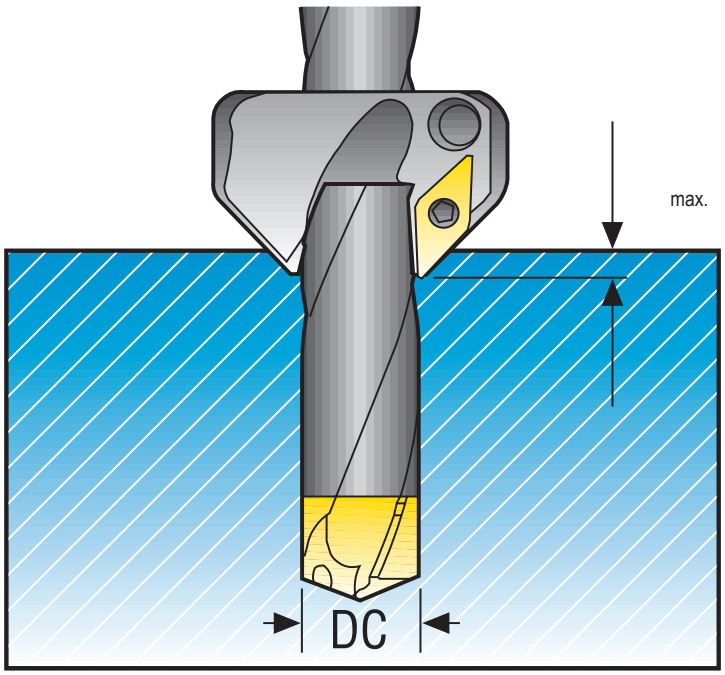
Module de chanfrein

Les vitesses et avances recommandées pour Crownloc® page(s) 182-185 devraient également être utilisées pendant l'opération de chanfreinage.

Incidents & remèdes

Vibrations durant le chanfreinage	• Réduire la vitesse de coupe • Si possible, placer la bague plus près de l'attachement. • Si possible, utiliser un foret plus court

Chanfrein : profondeur maximale



DC		Max	
mm	*pouces*	mm	*pouces*
12-13	*.472-512*	1,5	*.059*
14-19	*.551-.748*	2	*.079*

SD101 – ∅ 10-26 mm / *0.394-1.024 pouces*

SMG		f									v_c
		Ø 10.00 *Ø 0.394*	Ø 12.00 *Ø 0.472*	Ø 14.00 *Ø 0.551*	Ø 16.00 *Ø 0.630*	Ø 18.00 *Ø 0.709*	Ø 20.00 *Ø 0.787*	Ø 22.00 *Ø 0.866*	Ø 24.00 *Ø 0.945*	Ø 26.00 *Ø 1.024*	
P1	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,34	0,36	125
	P	*0.0080*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*410*
P2	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,36	120
	P	*0.0080*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*395*
P3	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	105
	P	*0.0075*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*345*
P4	P	0,19	0,22	0,24	0,26	0,28	0,30	0,32	0,32	0,34	95
	P	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*310*
P5	P	0,19	0,22	0,24	0,26	0,28	0,30	0,30	0,32	0,34	90
	P	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*295*
P6	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	100
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*330*
P7	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	95
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*310*
P8	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	90
	P	*0.0075*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*295*
P11	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	90
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*295*
P12	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	55
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*180*
M1	M	0,14	0,15	0,15	0,16	0,16	0,16	0,17	0,17	0,17	85
	M	*0.0055*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*280*
M2	M	0,13	0,13	0,14	0,14	0,15	0,15	0,15	0,16	0,16	70
	M	*0.0050*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*230*
M3	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	50
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*165*
M4	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	39
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*130*
M5	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	33
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
K1	K	0,28	0,32	0,34	0,36	0,38	0,40	0,42	0,42	0,44	100
	K	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*0.017*	*0.017*	*0.017*	*330*
K2	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	85
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*280*
K3	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	70
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*230*
K4	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	70
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*230*
K5	K	0,24	0,26	0,28	0,30	0,32	0,32	0,34	0,36	0,36	41
	K	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*0.014*	*135*
N1	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	335
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*1100*
N2	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	215
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*710*
N3	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	145
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*475*
N11	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	170
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*560*
S1	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	34
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
S2	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	25
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*80*
S3	M	0,085	0,085	0,090	0,095	0,095	0,095	0,10	0,10	0,10	25
	M	*0.0034*	*0.0034*	*0.0036*	*0.0038*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*80*
S11	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	65
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*215*
S12	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	49
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*160*
S13	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	38
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*125*
H3	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	27
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*90*
H5	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	50
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*165*
H7	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	27
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*90*
H8	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	50
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*165*
H11	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	65
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*215*
H12	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	32
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*105*
H21	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	50
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*165*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD103 – ∅ 10-26 mm / *0.394-1.024 pouces*

SMG		f									v_c
		Ø 10.00 *Ø 0.394*	Ø 12.00 *Ø 0.472*	Ø 14.00 *Ø 0.551*	Ø 16.00 *Ø 0.630*	Ø 18.00 *Ø 0.709*	Ø 20.00 *Ø 0.787*	Ø 22.00 *Ø 0.866*	Ø 24.00 *Ø 0.945*	Ø 26.00 *Ø 1.024*	
P1	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,34	0,36	120
	P	*0.008*	*0.0095*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*395*
P2	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,36	115
	P	*0.008*	*0.0095*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*375*
P3	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	100
	P	*0.0075*	*0.0085*	*0.01*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*330*
P4	P	0,19	0,22	0,24	0,26	0,28	0,30	0,32	0,32	0,34	85
	P	*0.0075*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*280*
P5	P	0,19	0,22	0,24	0,26	0,28	0,30	0,30	0,32	0,34	85
	P	*0.0075*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*280*
P6	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	95
	P	*0.007*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*310*
P7	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	90
	P	*0.007*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*295*
P8	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	85
	P	*0.0075*	*0.0085*	*0.01*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*280*
P11	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	85
	P	*0.007*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*280*
P12	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	50
	P	*0.005*	*0.006*	*0.0065*	*0.007*	*0.0075*	*0.008*	*0.008*	*0.0085*	*0.0085*	*165*
M1	M	0,14	0,15	0,15	0,16	0,16	0,16	0,17	0,17	0,17	80
	M	*0.0055*	*0.006*	*0.006*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*260*
M2	M	0,13	0,13	0,14	0,14	0,15	0,15	0,15	0,16	0,16	65
	M	*0.005*	*0.005*	*0.0055*	*0.0055*	*0.006*	*0.006*	*0.006*	*0.0065*	*0.0065*	*215*
M3	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	49
	M	*0.004*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.005*	*160*
M4	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	37
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*120*
M5	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	31
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*100*
K1	K	0,28	0,32	0,34	0,36	0,38	0,40	0,42	0,42	0,44	90
	K	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*0.017*	*0.017*	*0.017*	*295*
K2	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	80
	K	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*260*
K3	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	65
	K	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*215*
K4	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	65
	K	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*215*
K5	K	0,24	0,26	0,28	0,30	0,32	0,32	0,34	0,36	0,36	38
	K	*0.0095*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*0.014*	*125*
N1	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	315
	M	*0.007*	*0.0075*	*0.0075*	*0.008*	*0.008*	*0.008*	*0.0085*	*0.0085*	*0.0085*	*1025*
N2	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	200
	M	*0.007*	*0.0075*	*0.0075*	*0.008*	*0.008*	*0.008*	*0.0085*	*0.0085*	*0.0085*	*660*
N3	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	135
	M	*0.007*	*0.0075*	*0.0075*	*0.008*	*0.008*	*0.008*	*0.0085*	*0.0085*	*0.0085*	*445*
N11	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	160
	M	*0.007*	*0.0075*	*0.0075*	*0.008*	*0.008*	*0.008*	*0.0085*	*0.0085*	*0.0085*	*520*
S1	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	32
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*105*
S2	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	23
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*75*
S3	M	0,085	0,085	0,090	0,095	0,095	0,095	0,10	0,10	0,10	23
	M	*0.0034*	*0.0034*	*0.0036*	*0.0038*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*75*
S11	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	60
	M	*0.004*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.005*	*195*
S12	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	46
	M	*0.004*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.005*	*150*
S13	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	36
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*120*
H3	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	25
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.005*	*0.0055*	*0.0055*	*0.006*	*80*
H5	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	46
	P	*0.005*	*0.006*	*0.0065*	*0.007*	*0.0075*	*0.008*	*0.008*	*0.0085*	*0.0085*	*150*
H7	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	25
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.005*	*0.0055*	*0.0055*	*0.006*	*80*
H8	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	46
	P	*0.0038*	*0.0044*	*0.0048*	*0.005*	*0.0055*	*0.006*	*0.0065*	*0.0065*	*0.0065*	*150*
H11	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	60
	P	*0.005*	*0.006*	*0.0065*	*0.007*	*0.0075*	*0.008*	*0.008*	*0.0085*	*0.0085*	*195*
H12	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	30
	P	*0.0038*	*0.0044*	*0.0048*	*0.005*	*0.0055*	*0.006*	*0.0065*	*0.0065*	*0.0065*	*100*
H21	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	46
	P	*0.0038*	*0.0044*	*0.0048*	*0.005*	*0.0055*	*0.006*	*0.0065*	*0.0065*	*0.0065*	*150*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD105 – ∅ 10-26 mm / *0.394-1.024 pouces*

SMG		f									v_c
		Ø 10.00 *Ø 0.394*	Ø 12.00 *Ø 0.472*	Ø 14.00 *Ø 0.551*	Ø 16.00 *Ø 0.630*	Ø 18.00 *Ø 0.709*	Ø 20.00 *Ø 0.787*	Ø 22.00 *Ø 0.866*	Ø 24.00 *Ø 0.945*	Ø 26.00 *Ø 1.024*	
P1	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,34	0,36	110
	P	*0.0080*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*360*
P2	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,36	110
	P	*0.0080*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*360*
P3	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	95
	P	*0.0075*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*310*
P4	P	0,19	0,22	0,24	0,26	0,28	0,30	0,32	0,32	0,34	85
	P	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*280*
P5	P	0,19	0,22	0,24	0,26	0,28	0,30	0,30	0,32	0,34	80
	P	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*260*
P6	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	90
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*295*
P7	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	85
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*280*
P8	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	80
	P	*0.0075*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*260*
P11	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	80
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*260*
P12	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	48
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*155*
M1	M	0,14	0,15	0,15	0,16	0,16	0,16	0,17	0,17	0,17	75
	M	*0.0055*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*245*
M2	M	0,13	0,13	0,14	0,14	0,15	0,15	0,15	0,16	0,16	60
	M	*0.0050*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*195*
M3	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	46
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*150*
M4	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	35
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*115*
M5	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	29
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*95*
K1	K	0,28	0,32	0,34	0,36	0,38	0,40	0,42	0,42	0,44	90
	K	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*0.017*	*0.017*	*0.017*	*295*
K2	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	75
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*245*
K3	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	65
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*215*
K4	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	60
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*195*
K5	K	0,24	0,26	0,28	0,30	0,32	0,32	0,34	0,36	0,36	36
	K	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*0.014*	*120*
N1	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	300
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*980*
N2	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	190
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*620*
N3	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	130
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*425*
N11	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	150
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*490*
S1	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	30
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*100*
S2	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	22
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*70*
S3	M	0,085	0,085	0,090	0,095	0,095	0,095	0,10	0,10	0,10	22
	M	*0.0034*	*0.0034*	*0.0036*	*0.0038*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*70*
S11	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	55
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*180*
S12	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	44
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*145*
S13	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	34
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
H3	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	24
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*80*
H5	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	44
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*145*
H7	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	24
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*80*
H8	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	44
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*145*
H11	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	55
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*180*
H12	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	29
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*95*
H21	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	44
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*145*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD107 – ∅ 10-26 mm / *0.394-1.024 pouces*

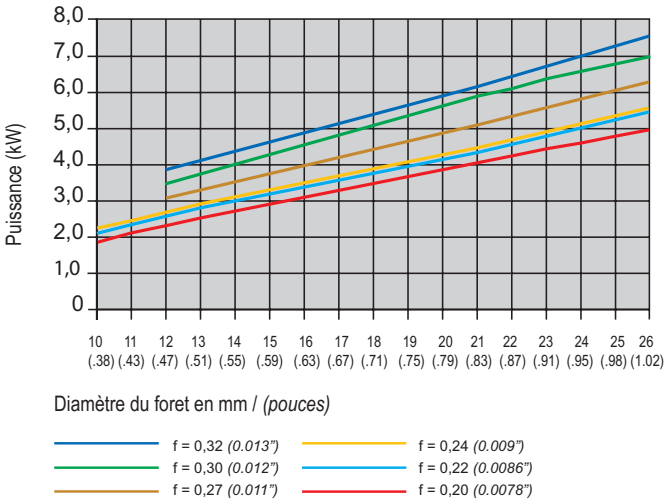
SMG		f								v_c
		Ø 12.00 *Ø 0.472*	Ø 14.00 *Ø 0.551*	Ø 16.00 *Ø 0.630*	Ø 18.00 *Ø 0.709*	Ø 20.00 *Ø 0.787*	Ø 22.00 *Ø 0.866*	Ø 24.00 *Ø 0.945*	Ø 26.00 *Ø 1.024*	
P1	P	0,24	0,26	0,28	0,30	0,32	0,34	0,34	0,36	110
	P	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*360*
P2	P	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,36	105
	P	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*345*
P3	P	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	90
	P	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*295*
P4	P	0,22	0,24	0,26	0,28	0,30	0,32	0,32	0,34	80
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*260*
P5	P	0,22	0,24	0,26	0,28	0,30	0,30	0,32	0,34	75
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*245*
P6	P	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	85
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*280*
P7	P	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	80
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*260*
P8	P	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	75
	P	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*245*
P11	P	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	80
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*260*
P12	P	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	47
	P	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*155*
M1	M	0,15	0,15	0,16	0,16	0,16	0,17	0,17	0,17	75
	M	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*245*
M2	M	0,13	0,14	0,14	0,15	0,15	0,15	0,16	0,16	60
	M	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*195*
M3	M	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	45
	M	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*150*
M4	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	34
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
M5	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	28
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*90*
K1	K	0,32	0,34	0,36	0,38	0,40	0,42	0,42	0,44	85
	K	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*0.017*	*0.017*	*0.017*	*280*
K2	K	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	75
	K	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*245*
K3	K	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	60
	K	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*195*
K4	K	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	60
	K	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*195*
K5	K	0,26	0,28	0,30	0,32	0,32	0,34	0,36	0,36	35
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*0.014*	*115*
N1	M	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	290
	M	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*950*
N2	M	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	185
	M	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*610*
N3	M	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	125
	M	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*410*
N11	M	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	145
	M	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*475*
S1	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	29
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*95*
S2	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	21
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*70*
S3	M	0,085	0,090	0,095	0,095	0,095	0,10	0,10	0,10	21
	M	*0.0034*	*0.0036*	*0.0038*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*70*
S11	M	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	55
	M	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*180*
S12	M	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	42
	M	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*140*
S13	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	33
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
H3	P	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	23
	P	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*75*
H5	P	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	43
	P	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*140*
H7	P	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	23
	P	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*75*
H8	P	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	43
	P	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*140*
H11	P	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	55
	P	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*180*
H12	P	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	28
	P	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*90*
H21	P	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	43
	P	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*140*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

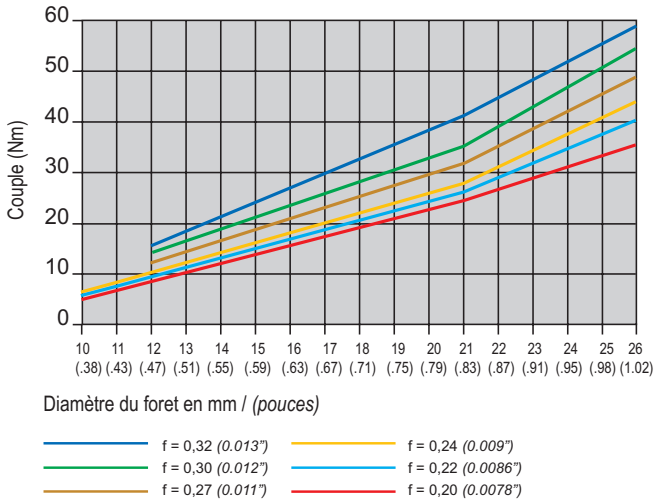
Conditions de coupe

Les valeurs indiquées varient en fonction des conditions de coupe, de la matière, du rendement machine et de l'usure des plaquettes.
Les valeurs indiquées par les graphiques ci-dessous correspondent au groupe matières Seco (SMG) P5-P6 et à une vitesse de coupe de 90 m/min *(295 sf/min)*.

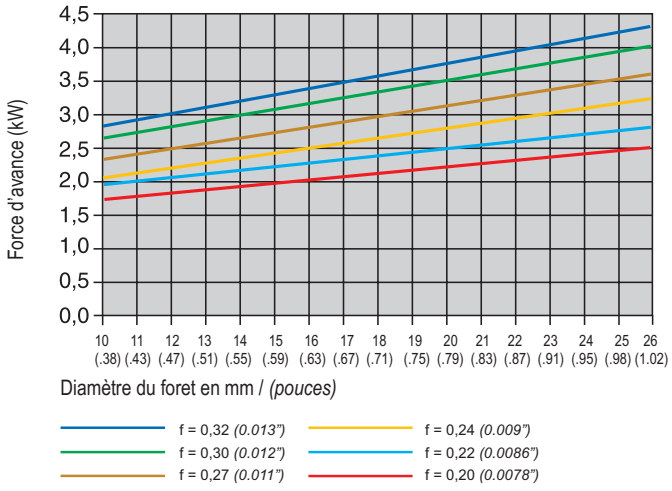
Puissance réelle absorbée



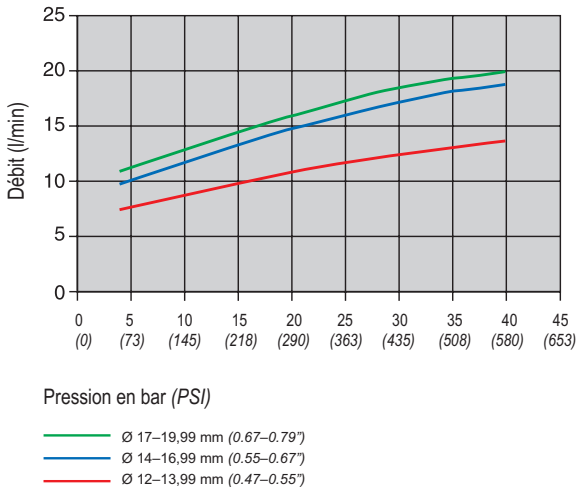
Couple de perçage



Force d'avance



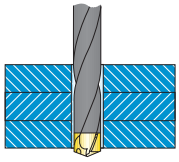
Débit et pression du liquide de coupe



Débit du liquide de coupe recommandé Dx1 l/min
Débit du liquide de coupe minimum D/2 l/min
D = Diamètre de foret
Pression du liquide de coupe minimale recommandée 10 bar *(145 PSI)* avec < 3 x D
Pression du liquide de coupe minimale recommandée 20 bar *(290 PSI)* avec > 3 x D
Pression du liquide de coupe minimale recommandée 40 bar *(580 PSI)* avec > 5 x D

Mélange proposé pour la lubrification
La concentration d'émulsion recommandée est de 6-8 %.
Pour le perçage dans l'inox, les superalliages et les aciers hautes résistances, un mélange de 10% est recommandé.

Recommandations d'usinage
Il est possible de percer des pièces empilées lorsqu'elles sont parfaitement bridées et jointives. Des pièces empilées non jointives peuvent affecter l'évacuation des copeaux et causer des dommages au foret.



Tolérances du trou / État de surface

SD101, SD103, SD105 et SD107
IT9-10 / R_a 1-4*, R_a *39-157 µin

∅ foret DC (mm)	Tolérance IT9 (µm)	Tolérance IT10 (µm)	Foret ∅ DC *(pouces)*	Tolérance IT9 *(pouces)*	Tolérance IT10 *(pouces)*
0 – +10-18	0 – +43	0 – +70	*0 – +0.394-0.709*	*0 – +0.0017*	*0 – +0.0028*
0 – +18-30	0 – +52	0 – +84	*0 – +0.709-1.181*	*0 – +0.0020*	*0 – +0.0033*

*Ces valeurs peuvent être dépassées dans certains aciers doux ou inoxydables. Utilisez le foret le plus court possible pour une meilleure qualité de trou.

Incidents & remèdes – Premières précautions :

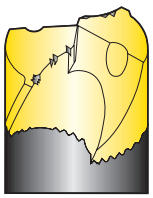
- Améliorer la stabilité du montage pièce.
- Améliorer la stabilité de la broche et du porte-outils.

- Position de l'outil :
  - Faux-rond max. 0,06 TIR

- Évacuation des copeaux :
  - Paramètres de coupe

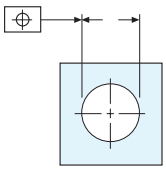
- Arrosage :
  - Pression
  - Débit
  - Concentration

Écaillage des arêtes de coupe



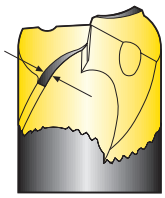
- Réduire l'avance par tour
- Si le foret vibre, réduire la vitesse de coupe et augmenter l'avance
- Lorsque l'on perce des surfaces brutes, dures ou avec une attaque sur face oblique, réduire l'avance de 30% à 50% en entrée et en sortie

Tolérance de diamètre non satisfaisante



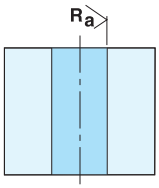
- Augmenter l'avance/tour
- Utiliser un foret carbure monobloc Seco Feedmax, voir page(s) 15-17
- Effectuer une opération d'alésage, voir page(s) 302
- Effectuer une opération avec barre d'alésage, voir page(s) 480-481

Usure en dépouille trop rapide



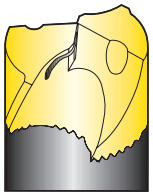
- Contrôler que la géométrie choisie est correcte
- Réduire la vitesse de coupe

État de surface non satisfaisant



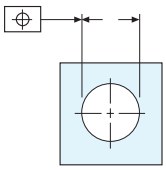
- Réduire l'avance/tour
- Augmenter la vitesse de coupe
- Contrôler que la géométrie choisie est correcte.
- Utiliser un foret carbure monobloc Seco Feedmax, voir page(s) 15-17
- Réaliser une opération d'alésage, voir page(s) 302

Usure des goujures



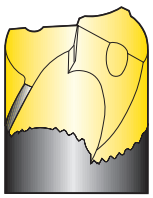
- Réduire l'avance/tour
- Réduire la vitesse de coupe
- Augmenter la concentration du liquide de coupe.

Positionnement du trou non satisfaisant



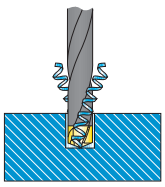
- Réduire l'avance/tour
- Pour percer dans des surfaces brutes, dures ou obliques, réduire l'avance de 30-50 % en début et en fin de perçage.
- Utiliser un foret à centrer avec un angle de pointe de 140˚
- Utiliser un foret carbure monobloc Seco Feedmax, voir page(s) 15-17
- Effectuer une opération d'alésage, voir page(s) 480-481

Usure des listels



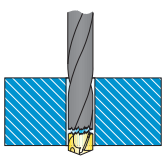
- Contrôler que la géométrie choisie est correcte
- Réduire la vitesse de coupe
- Augmenter la concentration du liquide de coupe
- Pour percer dans des surfaces brutes, dures ou obliques, réduire l'avance de 30-50 % en début et fin de perçage

Bourrage copeaux dû à de longs copeaux



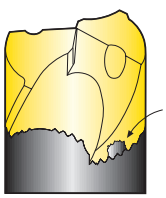
- Augmenter l'avance
- Dans des matières avec copeaux longs SMG P1-P4, SMG M1-M2 :
  - Augmenter la vitesse de coupe et diminuer l'avance/tour
  - Utiliser une géométrie L (MyDesign)

Casse outil en sortie



- Si la fixation de l'embout se rompt juste lorsque l'embout entre en contact avec la matière. La casse peut être due à :
  - Un nettoyage insuffisant des surfaces de fixation et il reste des copeaux ou des saletés entre l'embout et le corps de foret
  - Un serrage insuffisant de l'embout. Utiliser la clé dynamométrique
  - La couronne n'a pas été suffisamment engagée sur la tige de traction.

Écaillage des surfaces de fixation



- Une détérioration mineure des stries n'empêche pas l'utilisation du système de serrage. Dans les conditions normales d'utilisation, le perçage ne serait pas affecté.
- Si l'écaillage est important à grandes avances ou lors du perçage dans des surfaces obliques, réduire l'avance



Crownloc® Plus

Crownloc® Plus est une nouvelle génération de forets avec couronnes interchangeables de Seco. Avec sa nouvelle connexion, Crownloc Plus améliore l'évacuation des copeaux et la résistance à l'usure dans un grand nombre de matériaux.

- Corps de foret robuste et interface de connexion très résistante, avec des goujures larges et profondes, ainsi qu'un corps poli.
- Premier choix pour les applications générales, la géométrie P est une solution robuste et polyvalente.
- La géométrie M offre d'excellentes performances dans les alliages à haute température, le titane et l'acier inoxydable

Présentation de la gamme

Crownloc® Plus	Page(s)	∅ gamme	Profondeur de perçage	Tolérance ∅ du foret	Tolérance de trou (1)	État de surface (2)
SD403 	Page(s) 192-195	12,00-19,99 mm *(0.472-0.787")*	~ 3 x D	k7	IT 9-10	Ra 1-3 µm *(Ra 39-118 µin)*
SD405 	Page(s) 196-199	12,00-19,99 mm *(0.472-0.787")*	~ 5 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*
SD408 	Page(s) 200-203	12,00-19,99 mm *(0.472-0.787")*	~ 8 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*

1) Des variations peuvent être rencontrées en fonction de la matière usinée et des conditions de coupe utilisées.
2) La profondeur de perçage, les conditions de coupe, la lubrification et la matière usinée peuvent entrainer la détérioration de l'état de surface.

Codification des références :

Corps de foret Crownloc® Plus

Métrique

Type de forets	Diamètre couronne min/max	Profondeur de perçage	Diamètre d'attachement	Rotation à droite	Type d'attachement
SD403 : 3 x D SD405 : 5 x D SD408 : 8 x D					1. Cylindrique 7. ISO 9766
SD403	14.00/14.99	45	16	R	7

Pouces

45	0750	R	7	



Codification des références – Couronnes

Diamètre du foret	Type de géométrie
	P = Acier M = Acier inoxydable
SD400 – 14.00	– P



Géométries

Géométrie P
- Géométrie universelle, premier choix pour le perçage dans l'acier



Géométrie M
- Pour les aciers inoxydables et les alliages haute température



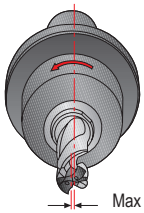
Instructions de montage

1. Stabilité

La stabilité a une grande influence sur la durée de vie du foret et la précision du perçage. S'assurer du bon état de la broche de la machine et de la rigidité du montage de la pièce pour assurer un maximum de stabilité et de rigidité.
Des conditions instables peuvent entraîner une rupture de l'outil.

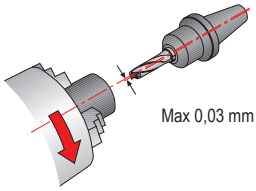
2. Outil tournant

Le faux-rond total (TIR) ne doit pas dépasser 0,06 mm *(0.002")* pour un foret rotatif.
Mesurer le faux-rond à 360° lorsque le foret est monté sur la broche.



3. Tournage

La distance entre la pointe du foret et le centre de rotation de la pièce ne doit pas excéder 0,03 mm *(0.001")* pour un outil statique.



4. Porte-outils recommandés

Seco Tools propose une vaste gamme de porte-outils (mandrins à pince, porte-outils à fretter, mandrins hydrauliques Weldon, etc.), disponibles pour de nombreux types de broches de machine.
Pour de meilleurs résultats, utiliser les mandrins type ERHP 5672, et les mandrins à pinces de haute précision.
Pour plus d'informations, consulter le catalogue Systèmes d'attachements.



Mandrin à pince haute précision
(Pour attachement cylindrique R1 uniquement)



Mandrin hydraulique
(Pour attachement cylindrique R1 uniquement)

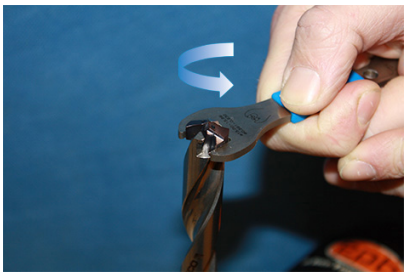


Weldon

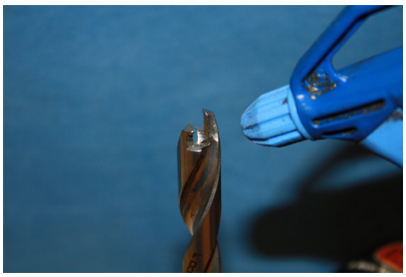
1. Pour desserrer la couronne, trouver les deux plats de serrage sur la couronne pour la clé.



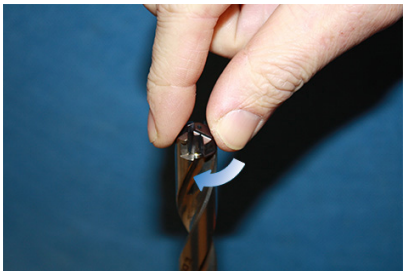
2. Tourner la clé dans le sens inverse des aiguilles d'une montre pour la débloquer d'un quart de tour.



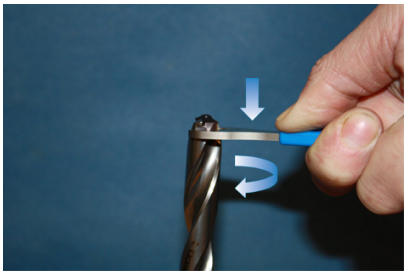
3. Nettoyer le raccord, avant le montage de la couronne.



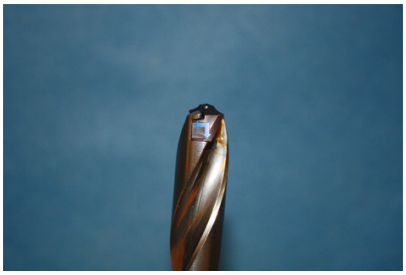
4. Pré-serrer la couronne avec vos doigts pour faciliter le serrage, avant d'utiliser la clé.



5. Appuyez simultanément sur la couronne lors du serrage d'un quart de tour dans le sens des aiguilles d'une montre à l'aide de la clé et maintenez la perpendiculaire au corps du foret.



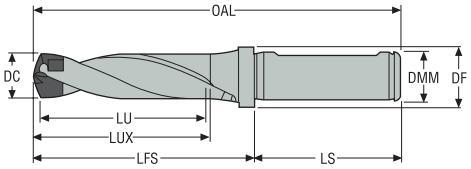
6. Lorsque la couronne est montée sur le corps du foret, l'appui axial couronne/corps doit être parfait, voir photo ci-dessus.



SD403 – R7

Profondeur de perçage ~ 3 x D – Attachement métrique





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 208

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD403-12.00/12.49-38-16R7	02622894	12,0-12,49	38,0	106,2	46,2	58,2	48,0	16,0	20,0
SD403-12.50/12.99-39-16R7	02622895	12,5-12,99	39,0	108,0	47,5	60,0	48,0	16,0	20,0
SD403-13.00/13.99-42-16R7	02622896	13,0-13,99	42,0	111,9	50,9	63,9	48,0	16,0	20,0
SD403-14.00/14.99-45-16R7	02622898	14,0-14,99	45,0	116,5	54,5	68,5	48,0	16,0	20,0
SD403-15.00/15.99-48-16R7	02622899	15,0-15,99	48,0	121,2	58,2	73,2	48,0	16,0	20,0
SD403-16.00/16.99-51-20R7	02622900	16,0-16,99	51,0	127,9	61,9	77,9	50,0	20,0	24,0
SD403-17.00/17.99-54-20R7	02622902	17,0-17,99	54,0	132,6	65,6	82,6	50,0	20,0	24,0
SD403-18.00/18.99-57-20R7	02622903	18,0-18,99	57,0	137,3	69,3	87,3	50,0	20,0	24,0
SD403-19.00/19.99-60-20R7	02622905	19,0-19,99	60,0	142,0	73,0	92,0	50,0	20,0	24,0

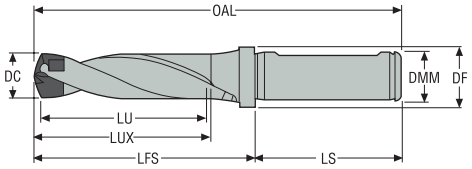
Accessoires

Pour dia. de foret (mm)	Clé
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD403 – R7

Profondeur de perçage ~ 3 x D – Attachement en pouces





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 208

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD403-12.00/12.49-38-0625R7	02622942	0.472-0.492	1.496	4.181	1.819	2.291	1.890	0.625	0.787
SD403-12.50/12.99-39-0625R7	02622943	0.492-0.511	1.535	4.252	1.870	2.362	1.890	0.625	0.787
SD403-13.00/13.99-42-0625R7	02622944	0.512-0.551	1.654	4.406	2.004	2.516	1.890	0.625	0.787
SD403-14.00/14.99-45-0625R7	02622945	0.551-0.590	1.772	4.587	2.146	2.697	1.890	0.625	0.787
SD403-15.00/15.99-48-0625R7	02622946	0.591-0.630	1.890	4.772	2.291	2.882	1.890	0.625	0.787
SD403-16.00/16.99-51-0750R7	02622947	0.630-0.669	2.008	5.035	2.437	3.067	1.969	0.750	0.945
SD403-17.00/17.99-54-0750R7	02622948	0.669-0.708	2.126	5.220	2.583	3.252	1.969	0.750	0.945
SD403-18.00/18.99-57-0750R7	02622949	0.709-0.748	2.244	5.406	2.728	3.437	1.969	0.750	0.945
SD403-19.00/19.99-60-0750R7	02622950	0.748-0.787	2.362	5.591	2.874	3.622	1.969	0.750	0.945

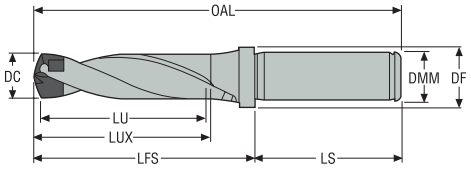
Accessoires

Pour dia. de foret (pouce)	Clé
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD403 – R1

Profondeur de perçage ~ 3 x D – Attachement métrique





—Arrosage interne
—Attachement cylindrique (R1) adapté au support : 5834/HC/HCR/HCS et 5672
—Paramètres de coupe, voir page(s) 208

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD403-12.00/12.49-38-16R1	02622920	12,0-12,49	38,0	106,2	46,2	58,2	48,0	16,0	20,0
SD403-12.50/12.99-39-16R1	02622921	12,5-12,99	39,0	108,0	47,5	60,0	48,0	16,0	20,0
SD403-13.00/13.99-42-16R1	02622922	13,0-13,99	42,0	111,9	50,9	63,9	48,0	16,0	20,0
SD403-14.00/14.99-45-16R1	02622923	14,0-14,99	45,0	116,5	54,5	68,5	48,0	16,0	20,0
SD403-15.00/15.99-48-16R1	02622924	15,0-15,99	48,0	121,2	58,2	73,2	48,0	16,0	20,0
SD403-16.00/16.99-51-20R1	02622927	16,0-16,99	51,0	127,9	61,9	77,9	50,0	20,0	24,0
SD403-17.00/17.99-54-20R1	02622928	17,0-17,99	54,0	132,6	65,6	82,6	50,0	20,0	24,0
SD403-18.00/18.99-57-20R1	02622930	18,0-18,99	57,0	137,3	69,3	87,3	50,0	20,0	24,0
SD403-19.00/19.99-60-20R1	02622931	19,0-19,99	60,0	142,0	73,0	92,0	50,0	20,0	24,0

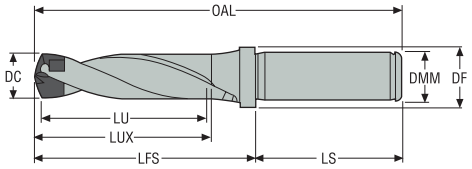
Accessoires

Pour dia. de foret (mm)	Clé
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD403 – R1

Profondeur de perçage ~ 3 x D – Attachement en pouces





—Arrosage interne
—Attachement cylindrique (R1) adapté au support : 5834/HC/HCR/HCS et 5672
—Paramètres de coupe, voir page(s) 208

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD403-12.00/12.49-38-0625R1	02623538	0.472-0.492	1.496	4.181	1.819	2.291	1.890	0.625	0.787
SD403-12.50/12.99-39-0625R1	02623539	0.492-0.511	1.535	4.252	1.870	2.362	1.890	0.625	0.787
SD403-13.00/13.99-42-0625R1	02623540	0.512-0.551	1.654	4.406	2.004	2.516	1.890	0.625	0.787
SD403-14.00/14.99-45-0625R1	02623541	0.551-0.590	1.772	4.587	2.146	2.697	1.890	0.625	0.787
SD403-15.00/15.99-48-0625R1	02623542	0.591-0.630	1.890	4.772	2.291	2.882	1.890	0.625	0.787
SD403-16.00/16.99-51-0750R1	02623543	0.630-0.669	2.008	5.035	2.437	3.067	1.969	0.750	0.945
SD403-17.00/17.99-54-0750R1	02623544	0.669-0.708	2.126	5.220	2.583	3.252	1.969	0.750	0.945
SD403-18.00/18.99-57-0750R1	02623545	0.709-0.748	2.244	5.406	2.728	3.437	1.969	0.750	0.945
SD403-19.00/19.99-60-0750R1	02623546	0.748-0.787	2.362	5.591	2.874	3.622	1.969	0.750	0.945

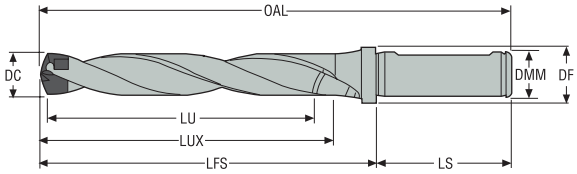
Accessoires

Pour dia. de foret (pouce)	Clé
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD405 – R7

Profondeur de perçage ~ 5 x D – Attachement métrique





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 209

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD405-12.00/12.49-63-16R7	02623554	12,0-12,49	63,0	131,2	71,2	83,2	48,0	16,0	20,0
SD405-12.50/12.99-65-16R7	02623555	12,5-12,99	65,0	134,0	73,5	86,0	48,0	16,0	20,0
SD405-13.00/13.99-70-16R7	02623556	13,0-13,99	70,0	139,9	78,9	91,9	48,0	16,0	20,0
SD405-14.00/14.99-75-16R7	02623557	14,0-14,99	75,0	146,5	84,5	98,5	48,0	16,0	20,0
SD405-15.00/15.99-80-16R7	02623558	15,0-15,99	80,0	153,2	90,2	105,2	48,0	16,0	20,0
SD405-16.00/16.99-85-20R7	02623559	16,0-16,99	85,0	161,9	95,9	111,9	50,0	20,0	24,0
SD405-17.00/17.99-90-20R7	02623560	17,0-17,99	90,0	168,6	101,6	118,6	50,0	20,0	24,0
SD405-18.00/18.99-95-20R7	02623561	18,0-18,99	95,0	175,3	107,3	125,3	50,0	20,0	24,0
SD405-19.00/19.99-100-20R7	02623562	19,0-19,99	100,0	182,0	113,0	132,0	50,0	20,0	24,0

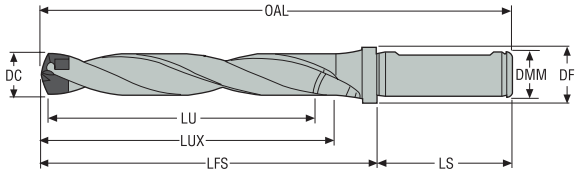
Accessoires

Pour dia. de foret (mm)	Clé
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD405 – R7

Profondeur de perçage ~ 5 x D – Attachement en pouces





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 209

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD405-12.00/12.49-63-0625R7	02623586	0.472-0.492	2.480	5.165	2.803	3.276	1.890	0.625	0.787
SD405-12.50/12.99-65-0625R7	02623587	0.492-0.511	2.559	5.276	2.894	3.386	1.890	0.625	0.787
SD405-13.00/13.99-70-0625R7	02623588	0.512-0.551	2.756	5.508	3.106	3.618	1.890	0.625	0.787
SD405-14.00/14.99-75-0625R7	02623589	0.551-0.590	2.953	5.768	3.327	3.878	1.890	0.625	0.787
SD405-15.00/15.99-80-0625R7	02623590	0.591-0.630	3.150	6.031	3.551	4.142	1.890	0.625	0.787
SD405-16.00/16.99-85-0750R7	02623591	0.630-0.669	3.346	6.374	3.776	4.406	1.969	0.750	0.945
SD405-17.00/17.99-90-0750R7	02623592	0.669-0.708	3.543	6.638	4.000	4.669	1.969	0.750	0.945
SD405-18.00/18.99-95-0750R7	02623593	0.709-0.748	3.740	6.902	4.224	4.933	1.969	0.750	0.945
SD405-19.00/19.99-100-0750R7	02623594	0.748-0.787	3.937	7.165	4.449	5.197	1.969	0.750	0.945

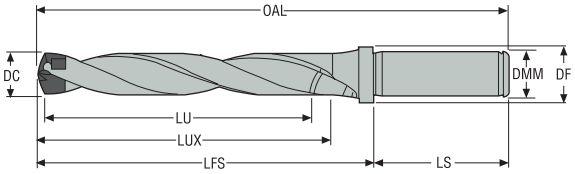
Accessoires

Pour dia. de foret (pouce)	Clé
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD405 – R1

Profondeur de perçage ~ 5 x D – Attachement métrique





—Arrosage interne
—Attachement cylindrique (R1) adapté au support : 5834/HC/HCR/HCS et 5672
—Paramètres de coupe, voir page(s) 209

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD405-12.00/12.49-63-16R1	02623570	12,0-12,49	63,0	131,2	71,2	83,2	48,0	16,0	20,0
SD405-12.50/12.99-65-16R1	02623571	12,5-12,99	65,0	134,0	73,5	86,0	48,0	16,0	20,0
SD405-13.00/13.99-70-16R1	02623572	13,0-13,99	70,0	139,9	78,9	91,9	48,0	16,0	20,0
SD405-14.00/14.99-75-16R1	02623573	14,0-14,99	75,0	146,5	84,5	98,5	48,0	16,0	20,0
SD405-15.00/15.99-80-16R1	02623574	15,0-15,99	80,0	153,2	90,2	105,2	48,0	16,0	20,0
SD405-16.00/16.99-85-20R1	02623575	16,0-16,99	85,0	161,9	95,9	111,9	50,0	20,0	24,0
SD405-17.00/17.99-90-20R1	02623576	17,0-17,99	90,0	168,6	101,6	118,6	50,0	20,0	24,0
SD405-18.00/18.99-95-20R1	02623577	18,0-18,99	95,0	175,3	107,3	125,3	50,0	20,0	24,0
SD405-19.00/19.99-100-20R1	02623578	19,0-19,99	100,0	182,0	113,0	132,0	50,0	20,0	24,0

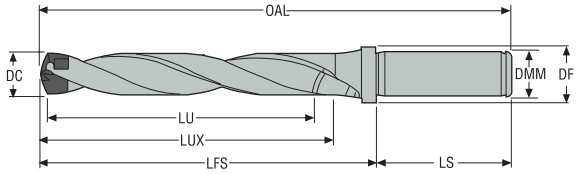
Accessoires

Pour dia. de foret (mm)	Clé
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD405 – R1

Profondeur de perçage ~ 5 x D – Attachement en pouces





—Arrosage interne
—Attachement cylindrique (R1) adapté au support : 5834/HC/HCR/HCS et 5672
—Paramètres de coupe, voir page(s) 209

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD405-12.00/12.49-63-0625R1	02623603	0.472-0.492	2.480	5.165	2.803	3.276	1.890	0.625	0.787
SD405-12.50/12.99-65-0625R1	02623604	0.492-0.511	2.559	5.276	2.894	3.386	1.890	0.625	0.787
SD405-13.00/13.99-70-0625R1	02623605	0.512-0.551	2.756	5.508	3.106	3.618	1.890	0.625	0.787
SD405-14.00/14.99-75-0625R1	02623606	0.551-0.590	2.953	5.768	3.327	3.878	1.890	0.625	0.787
SD405-15.00/15.99-80-0625R1	02623607	0.591-0.630	3.150	6.031	3.551	4.142	1.890	0.625	0.787
SD405-16.00/16.99-85-0750R1	02623608	0.630-0.669	3.346	6.374	3.776	4.406	1.969	0.750	0.945
SD405-17.00/17.99-90-0750R1	02623609	0.669-0.708	3.543	6.638	4.000	4.669	1.969	0.750	0.945
SD405-18.00/18.99-95-0750R1	02623610	0.709-0.748	3.740	6.902	4.224	4.933	1.969	0.750	0.945
SD405-19.00/19.99-100-0750R1	02623611	0.748-0.787	3.937	7.165	4.449	5.197	1.969	0.750	0.945

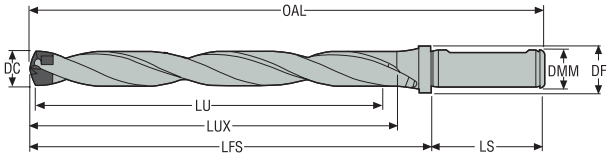
Accessoires

Pour dia. de foret (pouce)	Clé
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD408 – R7

Profondeur de perçage ~ 8 x D – Attachement métrique





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 210

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD408-12.00/12.49-100-16R7	02623615	12,0-12,49	100,0	168,2	108,2	120,2	48,0	16,0	20,0
SD408-12.50/12.99-104-16R7	02623616	12,5-12,99	104,0	173,0	112,5	125,0	48,0	16,0	20,0
SD408-13.00/13.99-112-16R7	02623617	13,0-13,99	112,0	181,9	120,9	133,9	48,0	16,0	20,0
SD408-14.00/14.99-120-16R7	02623618	14,0-14,99	120,0	191,5	129,5	143,5	48,0	16,0	20,0
SD408-15.00/15.99-128-16R7	02623619	15,0-15,99	128,0	201,2	138,2	153,2	48,0	16,0	20,0
SD408-16.00/16.99-136-20R7	02623620	16,0-16,99	136,0	212,9	146,9	162,9	50,0	20,0	24,0
SD408-17.00/17.99-144-20R7	02623621	17,0-17,99	144,0	222,6	155,6	172,6	50,0	20,0	24,0
SD408-18.00/18.99-152-20R7	02623622	18,0-18,99	152,0	232,3	164,3	182,3	50,0	20,0	24,0
SD408-19.00/19.99-160-20R7	02623623	19,0-19,99	160,0	242,0	173,0	192,0	50,0	20,0	24,0

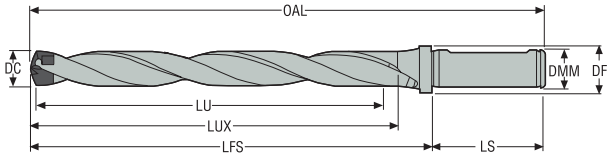
Accessoires

Pour dia. de foret (mm)	Clé
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD408 – R7

Profondeur de perçage ~ 8 x D – Attachement en pouces





—Arrosage interne
—Attachements ISO 9766 : Weldon 1835B, ISO 5414, DIN 60880
—Paramètres de coupe, voir page(s) 210

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD408-12.00/12.49-100-0625R7	02623639	0.472-0.492	3.937	6.622	4.260	4.732	1.890	0.625	0.787
SD408-12.50/12.99-104-0625R7	02623640	0.492-0.511	4.094	6.811	4.429	4.921	1.890	0.625	0.787
SD408-13.00/13.99-112-0625R7	02623641	0.512-0.551	4.409	7.161	4.760	5.272	1.890	0.625	0.787
SD408-14.00/14.99-120-0625R7	02623642	0.551-0.590	4.724	7.539	5.098	5.650	1.890	0.625	0.787
SD408-15.00/15.99-128-0625R7	02623643	0.591-0.630	5.039	7.921	5.441	6.031	1.890	0.625	0.787
SD408-16.00/16.99-136-0750R7	02623644	0.630-0.669	5.354	8.382	5.783	6.413	1.969	0.750	0.945
SD408-17.00/17.99-144-0750R7	02623645	0.669-0.708	5.669	8.764	6.126	6.795	1.969	0.750	0.945
SD408-18.00/18.99-152-0750R7	02623646	0.709-0.748	5.984	9.146	6.469	7.177	1.969	0.750	0.945
SD408-19.00/19.99-160-0750R7	02623647	0.748-0.787	6.299	9.528	6.811	7.559	1.969	0.750	0.945

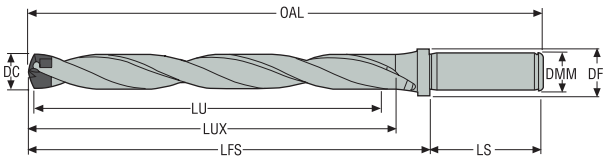
Accessoires

Pour dia. de foret (pouce)	Clé
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD408 – R1

Profondeur de perçage ~ 8 x D – Attachement métrique





—Arrosage interne
—Attachement cylindrique (R1) adapté au support : 5834/HC/HCR/HCS et 5672
—Paramètres de coupe, voir page(s) 210

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD408-12.00/12.49-100-16R1	02623627	12,0-12,49	100,0	168,2	108,2	120,2	48,0	16,0	20,0
SD408-12.50/12.99-104-16R1	02623628	12,5-12,99	104,0	173,0	112,5	125,0	48,0	16,0	20,0
SD408-13.00/13.99-112-16R1	02623629	13,0-13,99	112,0	181,9	120,9	133,9	48,0	16,0	20,0
SD408-14.00/14.99-120-16R1	02623630	14,0-14,99	120,0	191,5	129,5	143,5	48,0	16,0	20,0
SD408-15.00/15.99-128-16R1	02623631	15,0-15,99	128,0	201,2	138,2	153,2	48,0	16,0	20,0
SD408-16.00/16.99-136-20R1	02623632	16,0-16,99	136,0	212,9	146,9	162,9	50,0	20,0	24,0
SD408-17.00/17.99-144-20R1	02623633	17,0-17,99	144,0	222,6	155,6	172,6	50,0	20,0	24,0
SD408-18.00/18.99-152-20R1	02623634	18,0-18,99	152,0	232,3	164,3	182,3	50,0	20,0	24,0
SD408-19.00/19.99-160-20R1	02623635	19,0-19,99	160,0	242,0	173,0	192,0	50,0	20,0	24,0

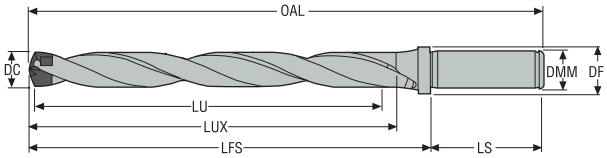
Accessoires

Pour dia. de foret (mm)	Clé
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD408 – R1

Profondeur de perçage ~ 8 x D – Attachement en pouces





—Arrosage interne
—Attachement cylindrique (R1) adapté au support : 5834/HC/HCR/HCS et 5672
—Paramètres de coupe, voir page(s) 210

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*
SD408-12.00/12.49-100-0625R1	02623651	0.472-0.492	3.937	6.622	4.260	4.732	1.890	0.625	0.787
SD408-12.50/12.99-104-0625R1	02623652	0.492-0.511	4.094	6.811	4.429	4.921	1.890	0.625	0.787
SD408-13.00/13.99-112-0625R1	02623653	0.512-0.551	4.409	7.161	4.760	5.272	1.890	0.625	0.787
SD408-14.00/14.99-120-0625R1	02623654	0.551-0.590	4.724	7.539	5.098	5.650	1.890	0.625	0.787
SD408-15.00/15.99-128-0625R1	02623655	0.591-0.630	5.039	7.921	5.441	6.031	1.890	0.625	0.787
SD408-16.00/16.99-136-0750R1	02623656	0.630-0.669	5.354	8.382	5.783	6.413	1.969	0.750	0.945
SD408-17.00/17.99-144-0750R1	02623657	0.669-0.708	5.669	8.764	6.126	6.795	1.969	0.750	0.945
SD408-18.00/18.99-152-0750R1	02623658	0.709-0.748	5.984	9.146	6.469	7.177	1.969	0.750	0.945
SD408-19.00/19.99-160-0750R1	02623659	0.748-0.787	6.299	9.528	6.811	7.559	1.969	0.750	0.945

Accessoires

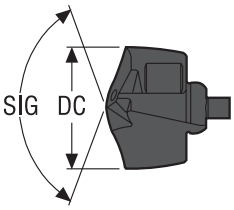
Pour dia. de foret (pouce)	Clé
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

Couronnes – géométrie -P et -M

Angle de pointe 140°







Références	Numéro de produit	Géométrie - P	Géométrie - M	DC	
				mm	*inch*
SD400-12.00-M	02826210	–	■	12,0	*0.472*
SD400-12.00-P	02630908	■	–	12,0	*0.472*
SD400-12.10-P	02630910	■	–	12,1	*0.476*
SD400-12.20-P	02630911	■	–	12,2	*0.480*
SD400-12.30-M	02826211	–	■	12,3	*0.484*
SD400-12.30-P	02630912	■	–	12,3	*0.484*
SD400-12.41-M	02826212	–	■	12,41	*0.489*
SD400-12.41-P	02630913	■	–	12,41	*0.489*
SD400-12.50-M	02826213	–	■	12,5	*0.492*
SD400-12.50-P	02630915	■	–	12,5	*0.492*
SD400-12.60-P	02630916	■	–	12,6	*0.496*
SD400-12.70-M	02826214	–	■	12,7	*0.500*
SD400-12.70-P	02630917	■	–	12,7	*0.500*
SD400-12.80-M	02826215	–	■	12,8	*0.504*
SD400-12.80-P	02630918	■	–	12,8	*0.504*
SD400-12.90-M	02826216	–	■	12,9	*0.508*
SD400-12.90-P	02630919	■	–	12,9	*0.508*
SD400-13.00-M	02826217	–	■	13,0	*0.512*
SD400-13.00-P	02634577	■	–	13,0	*0.512*
SD400-13.10-M	02826218	–	■	13,1	*0.516*
SD400-13.10-P	02634578	■	–	13,1	*0.516*
SD400-13.20-P	02634579	■	–	13,2	*0.520*
SD400-13.30-M	02826219	–	■	13,3	*0.524*
SD400-13.30-P	02634580	■	–	13,3	*0.524*
SD400-13.50-M	02826220	–	■	13,5	*0.531*
SD400-13.50-P	02634581	■	–	13,5	*0.531*
SD400-13.70-M	02826221	–	■	13,7	*0.539*
SD400-13.70-P	02634582	■	–	13,7	*0.539*
SD400-13.80-M	02826222	–	■	13,8	*0.543*
SD400-13.80-P	02634583	■	–	13,8	*0.543*
SD400-13.89-M	02826223	–	■	13,89	*0.547*
SD400-13.89-P	02634584	■	–	13,89	*0.547*
SD400-14.00-M	02826224	–	■	14,0	*0.551*
SD400-14.00-P	02634589	■	–	14,0	*0.551*
SD400-14.10-P	02634590	■	–	14,1	*0.555*
SD400-14.20-M	02826225	–	■	14,2	*0.559*
SD400-14.20-P	02634591	■	–	14,2	*0.559*
SD400-14.288-M	02826226	–	■	14,29	*0.563*
SD400-14.288-P	02634592	■	–	14,288	*0.563*
SD400-14.40-P	02634593	■	–	14,4	*0.567*
SD400-14.50-M	02826227	–	■	14,5	*0.571*
SD400-14.50-P	02634594	■	–	14,5	*0.571*
SD400-14.68-M	02826228	–	■	14,68	*0.578*
SD400-14.68-P	02634595	■	–	14,68	*0.578*

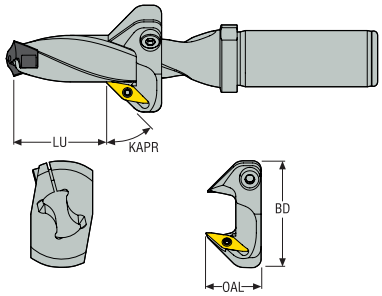
Références	Numéro de produit	Géométrie - P	Géométrie - M	DC	
				mm	*inch*
SD400-14.70-M	02826229	–	■	14,7	*0.579*
SD400-14.70-P	02634596	■	–	14,7	*0.579*
SD400-14.80-M	02826230	–	■	14,8	*0.583*
SD400-14.80-P	02634597	■	–	14,8	*0.583*
SD400-14.90-M	02826231	–	■	14,9	*0.587*
SD400-14.90-P	02634598	■	–	14,9	*0.587*
SD400-15.00-M	02826232	–	■	15,0	*0.591*
SD400-15.00-P	02634599	■	–	15,0	*0.591*
SD400-15.08-M	02826233	–	■	15,08	*0.594*
SD400-15.08-P	02634600	■	–	15,08	*0.594*
SD400-15.10-P	02634601	■	–	15,1	*0.594*
SD400-15.20-P	02634602	■	–	15,2	*0.598*
SD400-15.25-M	02826234	–	■	15,25	*0.600*
SD400-15.25-P	02634603	■	–	15,25	*0.600*
SD400-15.478-M	02826235	–	■	15,48	*0.609*
SD400-15.478-P	02634604	■	–	15,478	*0.609*
SD400-15.50-M	02826236	–	■	15,5	*0.610*
SD400-15.50-P	02634605	■	–	15,5	*0.610*
SD400-15.70-M	02826237	–	■	15,7	*0.618*
SD400-15.70-P	02634607	■	–	15,7	*0.618*
SD400-15.80-M	02826238	–	■	15,8	*0.622*
SD400-15.80-P	02634608	■	–	15,8	*0.622*
SD400-15.875-M	02826239	–	■	15,88	*0.625*
SD400-15.875-P	02634609	■	–	15,875	*0.625*
SD400-16.00-M	02826240	–	■	16,0	*0.630*
SD400-16.00-P	02635956	■	–	16,0	*0.630*
SD400-16.10-P	02635957	■	–	16,1	*0.634*
SD400-16.20-P	02635958	■	–	16,2	*0.638*
SD400-16.25-P	02635959	■	–	16,25	*0.640*
SD400-16.27-M	02826241	–	■	16,27	*0.641*
SD400-16.27-P	02635960	■	–	16,27	*0.641*
SD400-16.40-P	02635962	■	–	16,4	*0.646*
SD400-16.50-M	02826242	–	■	16,5	*0.650*
SD400-16.50-P	02635963	■	–	16,5	*0.650*
SD400-16.669-M	02826243	–	■	16,67	*0.656*
SD400-16.669-P	02635964	■	–	16,669	*0.656*
SD400-16.70-M	02826244	–	■	16,7	*0.657*
SD400-16.70-P	02635966	■	–	16,7	*0.657*
SD400-16.80-M	02826245	–	■	16,8	*0.661*
SD400-16.80-P	02635968	■	–	16,8	*0.661*
SD400-16.90-P	02635969	■	–	16,9	*0.665*
SD400-17.00-M	02826246	–	■	17,0	*0.669*
SD400-17.00-P	02635970	■	–	17,0	*0.669*
SD400-17.065-M	02826247	–	■	17,07	*0.672*
SD400-17.065-P	02635972	■	–	17,065	*0.672*
SD400-17.10-P	02635973	■	–	17,1	*0.673*
SD400-17.20-P	02635974	■	–	17,2	*0.677*
SD400-17.35-P	02888828	■	–	17,35	*0.683*
SD400-17.463-M	02826248	–	■	17,46	*0.687*
SD400-17.463-P	02635975	■	–	17,463	*0.688*
SD400-17.50-M	02826249	–	■	17,5	*0.689*
SD400-17.50-P	02635976	■	–	17,5	*0.689*
SD400-17.70-M	02826250	–	■	17,7	*0.697*
SD400-17.70-P	02635977	■	–	17,7	*0.697*

Références	Numéro de produit	Géométrie - P	Géométrie - M	DC	
				mm	*inch*
SD400-17.80-M	02826251	–	■	17,8	*0.701*
SD400-17.80-P	02635978	■	–	17,8	*0.701*
SD400-17.859-M	02826252	–	■	17,86	*0.703*
SD400-17.859-P	02635979	■	–	17,859	*0.703*
SD400-17.90-M	02826253	–	■	17,9	*0.705*
SD400-17.90-P	02635980	■	–	17,9	*0.705*
SD400-18.00-M	02826254	–	■	18,0	*0.709*
SD400-18.00-P	02635981	■	–	18,0	*0.709*
SD400-18.10-P	02635982	■	–	18,1	*0.713*
SD400-18.20-P	02635983	■	–	18,2	*0.717*
SD400-18.256-M	02826255	–	■	18,26	*0.719*
SD400-18.256-P	02635984	■	–	18,256	*0.719*
SD400-18.50-M	02826256	–	■	18,5	*0.728*
SD400-18.50-P	02635985	■	–	18,5	*0.728*
SD400-18.653-M	02826257	–	■	18,65	*0.734*
SD400-18.653-P	02635986	■	–	18,653	*0.734*
SD400-18.70-M	02826258	–	■	18,7	*0.736*
SD400-18.70-P	02635987	■	–	18,7	*0.736*
SD400-18.80-M	02826259	–	■	18,8	*0.740*
SD400-18.80-P	02635988	■	–	18,8	*0.740*
SD400-18.90-M	02826260	–	■	18,9	*0.744*
SD400-18.90-P	02635989	■	–	18,9	*0.744*
SD400-19.00-M	02826261	–	■	19,0	*0.748*
SD400-19.00-P	02635991	■	–	19,0	*0.748*
SD400-19.05-M	02826262	–	■	19,05	*0.750*
SD400-19.05-P	02635992	■	–	19,05	*0.750*
SD400-19.10-P	02635993	■	–	19,1	*0.752*
SD400-19.20-M	02826263	–	■	19,2	*0.756*
SD400-19.20-P	02635995	■	–	19,2	*0.756*
SD400-19.447-M	02826264	–	■	19,45	*0.766*
SD400-19.447-P	02635997	■	–	19,447	*0.766*
SD400-19.50-M	02826265	–	■	19,5	*0.768*
SD400-19.50-P	02635998	■	–	19,5	*0.768*
SD400-19.70-M	02826266	–	■	19,7	*0.776*
SD400-19.70-P	02635999	■	–	19,7	*0.776*
SD400-19.80-M	02826267	–	■	19,8	*0.780*
SD400-19.80-P	02636000	■	–	19,8	*0.780*
SD400-19.844-M	02826268	–	■	19,84	*0.781*
SD400-19.844-P	02636001	■	–	19,844	*0.781*
SD400-19.90-M	02826269	–	■	19,9	*0.783*
SD400-19.90-P	02636002	■	–	19,9	*0.783*

■ Disponibilité : voir tarif en vigueur

Module de chanfrein



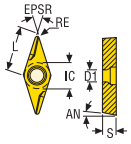


Références	Numéro de produit	Pour corps de foret	Prof. de perçage LU SD403 (min-max)		Prof. de perçage LU SD405 (min-max)		Prof. de perçage LU SD408 (min-max)		Prof. de chanfrein max. (mm)	OAL	BD	KAPR°
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	
SD400-C45-12.00/12.49	02846075	SD40x-12.00/12.49	6,0 *0.236*	22,0 *0.866*	6,0 *0.236*	47,0 *1.850*	47,0 *1.850*	84,0 *3.307*	1,5 *0.059*	20,0 *0.787*	34,0 *1.339*	45
SD400-C45-12.50/12.99	02846076	SD40x-12.50/12.99	7,0 *0.276*	23,0 *0.906*	7,0 *0.276*	48,0 *1.890*	48,0 *1.890*	88,0 *3.465*	1,5 *0.059*	20,0 *0.787*	34,0 *1.339*	45
SD400-C45-13.00/13.99	02846077	SD40x-13.00/13.99	7,0 *0.276*	27,0 *1.063*	7,0 *0.276*	55,0 *2.165*	55,0 *2.165*	97,0 *3.819*	1,5 *0.059*	20,0 *0.787*	34,0 *1.339*	45
SD400-C45-14.00/14.99	02846078	SD40x-14.00/14.99	7,0 *0.276*	33,0 *1.299*	7,0 *0.276*	60,0 *2.362*	60,0 *2.362*	105,0 *4.134*	1,5 *0.059*	20,0 *0.787*	36,0 *1.417*	45
SD400-C45-15.00/15.99	02846079	SD40x-15.00/15.99	8,0 *0.315*	35,0 *1.378*	8,0 *0.315*	67,0 *2.638*	67,0 *2.638*	114,0 *4.488*	1,5 *0.059*	20,0 *0.787*	36,0 *1.417*	45
SD400-C45-16.00/16.99	02846080	SD40x-16.00/16.99	8,0 *0.315*	38,0 *1.496*	8,0 *0.315*	72,0 *2.835*	72,0 *2.835*	123,0 *4.843*	1,5 *0.059*	20,0 *0.787*	38,0 *1.496*	45
SD400-C45-17.00/17.99	02846117	SD40x-17.00/17.99	9,0 *0.354*	43,0 *1.693*	9,0 *0.354*	79,0 *3.110*	79,0 *3.110*	132,0 *5.197*	1,5 *0.059*	20,0 *0.787*	38,0 *1.496*	45
SD400-C45-18.00/18.99	02846082	SD40x-18.00/18.99	9,0 *0.354*	45,0 *1.772*	9,0 *0.354*	83,0 *3.268*	83,0 *3.268*	140,0 *5.512*	1,5 *0.059*	20,0 *0.787*	40,0 *1.575*	45
SD400-C45-19.00/19.99	02846083	SD40x-19.00/19.99	10,0 *0.394*	49,0 *1.929*	10,0 *0.394*	89,0 *3.504*	89,0 *3.504*	149,0 *5.866*	1,5 *0.059*	20,0 *0.787*	40,0 *1.575*	45

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Clé	Vis de plaquette	Clé de serrage		Vis de serrage 1	Vis de serrage 2
						
SD400-C45...	T07P-2	C02505-T07P	2SMS795	3SMS795	MC6S4X8	P6SS4X8

Plaquette



Tolérances : mm/*inch*

IC = ±0,025/*.0009842*
S = ±0,07/*.0027559*
RE = ±0,10/*.0039370*

Taille	L mm/*inch*	EPSR	RE mm/*inch*	IC mm/*inch*	D1 mm/*inch*	AN	S mm/*inch*
09	9,0/*.2187*	35°	0,2/*.0078*	5,556/*.2187*	2,9/*.1141*	7°	2,5/*.0984*

Nuance: T400D

Désignation: VCGX090202-D1

Numéro de produit: 00014948

SD403 – ∅ 12-20 mm / *0.472-0.787 pouces*

SMG		f					v_c
		Ø12,00 *Ø 0.472*	Ø14,00 *Ø 0.551*	Ø16,00 *Ø 0.630*	Ø18,00 *Ø 0.709*	Ø20,00 *Ø 0.787*	
P1	P	0,30	0,32	0,34	0,36	0,36	155
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*510*
P2	P	0,30	0,32	0,34	0,36	0,38	150
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*490*
P3	P	0,28	0,30	0,32	0,34	0,36	130
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*425*
P4	P	0,28	0,30	0,32	0,34	0,34	115
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*375*
P5	P	0,28	0,30	0,32	0,32	0,34	110
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*360*
P6	P	0,28	0,30	0,30	0,32	0,34	120
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*395*
P7	P	0,28	0,30	0,30	0,32	0,34	115
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*375*
P8	P	0,28	0,30	0,32	0,34	0,36	110
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*360*
P11	P	0,28	0,30	0,30	0,32	0,34	110
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*360*
P12	P	0,19	0,20	0,22	0,22	0,24	65
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*215*
M1	M	0,17	0,19	0,20	0,22	0,22	95
	M	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*310*
M2	M	0,16	0,17	0,18	0,19	0,20	80
	M	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*260*
M3	M	0,13	0,14	0,14	0,15	0,16	60
	M	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0065*	*195*
M4	M	0,11	0,12	0,13	0,13	0,14	45
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*150*
M5	M	0,11	0,12	0,13	0,13	0,14	37
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*120*
K1	P	0,28	0,30	0,32	0,34	0,36	110
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*360*
K2	P	0,26	0,28	0,30	0,32	0,32	95
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*310*
K3	P	0,26	0,28	0,30	0,32	0,32	80
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*260*
K4	P	0,26	0,28	0,30	0,32	0,32	75
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*245*
K5	P	0,24	0,25	0,26	0,28	0,30	45
	P	*0.0095*	*0.010*	*0.010*	*0.011*	*0.012*	*150*
N2	M	0,26	0,28	0,30	0,32	0,34	215
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*710*
N3	M	0,26	0,28	0,30	0,32	0,34	145
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*475*
N11	M	0,26	0,28	0,30	0,32	0,34	170
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*560*
S1	M	0,095	0,11	0,12	0,13	0,13	34
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*110*
S2	M	0,095	0,11	0,12	0,13	0,13	24
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*80*
S3	M	0,095	0,11	0,12	0,13	0,13	24
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*80*
S11	M	0,16	0,17	0,19	0,20	0,22	65
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*215*
S12	M	0,16	0,17	0,19	0,20	0,22	49
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*160*
S13	M	0,14	0,15	0,17	0,18	0,19	38
	M	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*125*
H3	P	0,12	0,13	0,14	0,15	0,15	32
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*105*
H5	P	0,19	0,20	0,22	0,22	0,24	60
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*195*
H7	P	0,12	0,13	0,14	0,15	0,15	32
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*105*
H8	P	0,14	0,15	0,16	0,17	0,18	60
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*195*
H11	P	0,19	0,20	0,22	0,22	0,24	75
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*245*
H12	P	0,14	0,15	0,16	0,17	0,18	39
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*130*
H21	P	0,14	0,15	0,16	0,17	0,18	60
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*195*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD405 – ∅ 12-20 mm / *0.472-0.787 pouces*

SMG		f					v_c
		Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,30	0,32	0,34	0,36	0,36	125
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*410*
P2	P	0,30	0,32	0,34	0,36	0,38	120
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*395*
P3	P	0,28	0,30	0,32	0,34	0,36	105
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*345*
P4	P	0,28	0,30	0,32	0,34	0,34	95
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*310*
P5	P	0,28	0,30	0,32	0,32	0,34	90
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*295*
P6	P	0,28	0,30	0,30	0,32	0,34	100
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*330*
P7	P	0,28	0,30	0,30	0,32	0,34	95
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*310*
P8	P	0,28	0,30	0,32	0,34	0,36	90
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*295*
P11	P	0,28	0,30	0,30	0,32	0,34	90
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*295*
P12	P	0,19	0,20	0,22	0,22	0,24	55
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*180*
M1	M	0,17	0,19	0,20	0,22	0,22	80
	M	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*260*
M2	M	0,16	0,17	0,18	0,19	0,20	65
	M	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*215*
M3	M	0,13	0,14	0,14	0,15	0,16	49
	M	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0065*	*160*
M4	M	0,11	0,12	0,13	0,13	0,14	37
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*120*
M5	M	0,11	0,12	0,13	0,13	0,14	31
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*100*
K1	P	0,28	0,30	0,32	0,34	0,36	90
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*295*
K2	P	0,26	0,28	0,30	0,32	0,32	75
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*245*
K3	P	0,26	0,28	0,30	0,32	0,32	65
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*215*
K4	P	0,26	0,28	0,30	0,32	0,32	60
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*195*
K5	P	0,24	0,25	0,26	0,28	0,30	37
	P	*0.0095*	*0.010*	*0.010*	*0.011*	*0.012*	*120*
N2	M	0,26	0,28	0,30	0,32	0,34	175
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*570*
N3	M	0,26	0,28	0,30	0,32	0,34	120
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*395*
N11	M	0,26	0,28	0,30	0,32	0,34	140
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*460*
S1	M	0,095	0,11	0,12	0,13	0,13	28
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*90*
S2	M	0,095	0,11	0,12	0,13	0,13	20
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*65*
S3	M	0,095	0,11	0,12	0,13	0,13	20
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*65*
S11	M	0,16	0,17	0,19	0,20	0,22	50
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*165*
S12	M	0,16	0,17	0,19	0,20	0,22	40
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*130*
S13	M	0,14	0,15	0,17	0,18	0,19	31
	M	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*100*
H3	P	0,12	0,13	0,14	0,15	0,15	26
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*85*
H5	P	0,19	0,20	0,22	0,22	0,24	49
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*160*
H7	P	0,12	0,13	0,14	0,15	0,15	26
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*85*
H8	P	0,14	0,15	0,16	0,17	0,18	49
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*160*
H11	P	0,19	0,20	0,22	0,22	0,24	60
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*195*
H12	P	0,14	0,15	0,16	0,17	0,18	32
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*105*
H21	P	0,14	0,15	0,16	0,17	0,18	49
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*160*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD408 – ∅ 12-20 mm / *0.472-0.787 pouces*

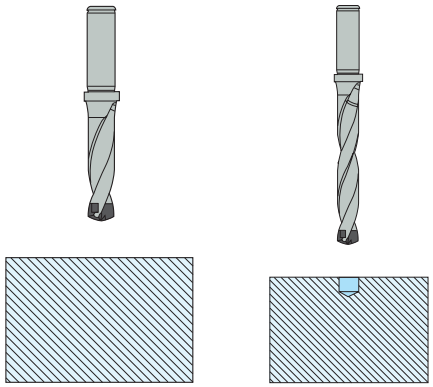
SMG		f					v_c
		Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,30	0,32	0,34	0,36	0,36	100
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*330*
P2	P	0,30	0,32	0,34	0,36	0,38	100
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*330*
P3	P	0,28	0,30	0,32	0,34	0,36	85
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*280*
P4	P	0,28	0,30	0,32	0,34	0,34	75
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*245*
P5	P	0,28	0,30	0,32	0,32	0,34	70
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*230*
P6	P	0,28	0,30	0,30	0,32	0,34	80
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*260*
P7	P	0,28	0,30	0,30	0,32	0,34	75
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*245*
P8	P	0,28	0,30	0,32	0,34	0,36	70
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*230*
P11	P	0,28	0,30	0,30	0,32	0,34	75
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*245*
P12	P	0,19	0,20	0,22	0,22	0,24	43
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*140*
M1	M	0,17	0,19	0,20	0,22	0,22	65
	M	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*215*
M2	M	0,16	0,17	0,18	0,19	0,20	50
	M	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*165*
M3	M	0,13	0,14	0,14	0,15	0,16	39
	M	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0065*	*130*
M4	M	0,11	0,12	0,13	0,13	0,14	29
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*95*
M5	M	0,11	0,12	0,13	0,13	0,14	24
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*80*
K1	P	0,28	0,30	0,32	0,34	0,36	70
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*230*
K2	P	0,26	0,28	0,30	0,32	0,32	60
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*195*
K3	P	0,26	0,28	0,30	0,32	0,32	50
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*165*
K4	P	0,26	0,28	0,30	0,32	0,32	49
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*160*
K5	P	0,24	0,25	0,26	0,28	0,30	29
	P	*0.0095*	*0.010*	*0.010*	*0.011*	*0.012*	*95*
N2	M	0,26	0,28	0,30	0,32	0,34	140
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*460*
N3	M	0,26	0,28	0,30	0,32	0,34	95
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*310*
N11	M	0,26	0,28	0,30	0,32	0,34	110
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*360*
S1	M	0,095	0,11	0,12	0,13	0,13	22
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*70*
S2	M	0,095	0,11	0,12	0,13	0,13	16
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*50*
S3	M	0,095	0,11	0,12	0,13	0,13	16
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*50*
S11	M	0,16	0,17	0,19	0,20	0,22	42
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*140*
S12	M	0,16	0,17	0,19	0,20	0,22	32
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*105*
S13	M	0,14	0,15	0,17	0,18	0,19	25
	M	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*80*
H3	P	0,12	0,13	0,14	0,15	0,15	21
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*70*
H5	P	0,19	0,20	0,22	0,22	0,24	39
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*130*
H7	P	0,12	0,13	0,14	0,15	0,15	21
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*70*
H8	P	0,14	0,15	0,16	0,17	0,18	39
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*130*
H11	P	0,19	0,20	0,22	0,22	0,24	49
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*160*
H12	P	0,14	0,15	0,16	0,17	0,18	26
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*85*
H21	P	0,14	0,15	0,16	0,17	0,18	39
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*130*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

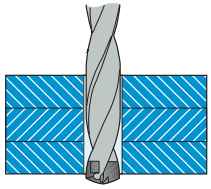
Informations sur l'application

Informations sur l'application

Surface usinée
Pas de pré-perçage ou d'avance à l'entrée nécessaire lorsque vous utilisez SD403 et SD405. Lorsque vous utilisez un corps de foret SD408, le pré-perçage est toujours recommandé. (Lors de l'utilisation du SD405 dans l'acier inoxydable, une opération de pré-perçage pourrait être nécessaire).



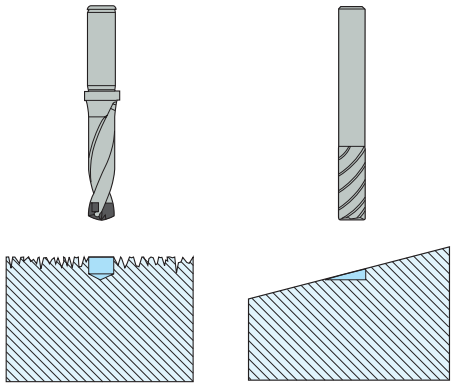
Pièces empilées
Il est possible de percer des pièces empilées lorsqu'elles sont parfaitement bridées et jointives. Des pièces empilées non jointives peuvent affecter l'évacuation des copeaux et causer des dommages au foret.



Entrée de trou angulaire ou irrégulière

Dans le cas d'une attaque sur une pente ou une surface irrégulière utiliser les opérations suivantes. Lorsque vous utilisez des forets > 3 x D, pré-percer avec un outil standard, par ex. SD403

Opérations alternatives de pré-perçage



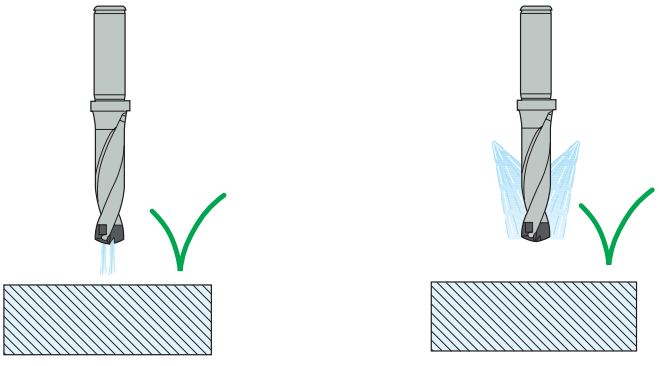
Entrée du trou irrégulière

Entrée du trou angulaire

Usiner un plat avec une fraise Cw de la gamme Seco.

Arrosage recommandé

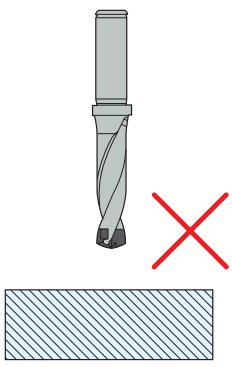
Pression d'arrosage
Pression d'arrosage minimale recommandée 10 bar (145 PSI) avec ≤ 3 x D
Pression d'arrosage minimale recommandée 30 bar (435 PSI) avec > 3 x D



Choix de base

< 3 x D

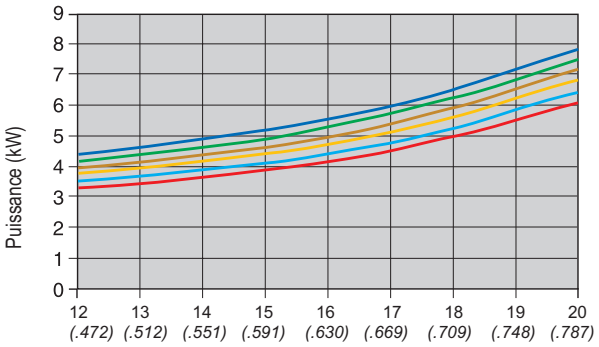
Arrosage mixte
Émulsion concentrée à 6-8% recommandée. Pour le perçage dans de l'acier inoxydable, les superalliages et les aciers hautes résistances, un mélange de 10% est recommandé.



Conditions de coupe

Les valeurs indiquées varient en fonction des conditions de coupe, de la matière, du rendement machine et de l'usure des plaquettes.
Les valeurs indiquées par les graphiques ci-dessous correspondent au groupe matières Seco (SMG) P5-P6 et à une vitesse de coupe de 90 m/min *(295 sf/min)*.

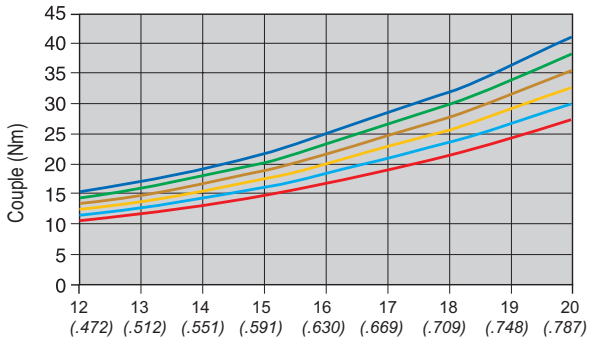
Puissance réelle absorbée



Diamètre du foret en mm / *(pouces)*

f = 0,32 *(0.013")* f = 0,24 *(0.009")*
f = 0,30 *(0.012")* f = 0,22 *(0.0086")*
f = 0,27 *(0.011")* f = 0,20 *(0.0078")*

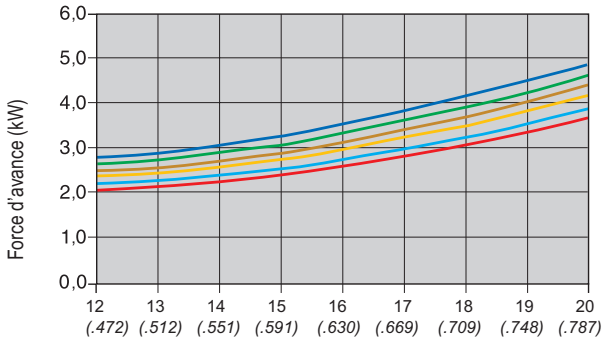
Couple de perçage



Diamètre du foret en mm / *(pouces)*

f = 0,32 *(0.013")* f = 0,24 *(0.009")*
f = 0,30 *(0.012")* f = 0,22 *(0.0086")*
f = 0,27 *(0.011")* f = 0,20 *(0.0078")*

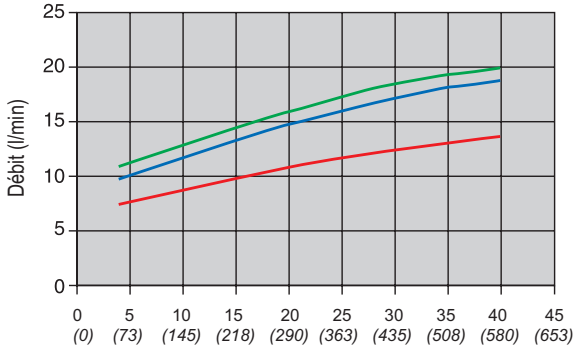
Force d'avance



Diamètre du foret en mm / *(pouces)*

f = 0,32 *(0.013")* f = 0,24 *(0.009")*
f = 0,30 *(0.012")* f = 0,22 *(0.0086")*
f = 0,27 *(0.011")* f = 0,20 *(0.0078")*

Débit et pression du liquide de coupe



Pression en bar *(PSI)*

Ø 17–19,99 mm *(0.67–0.79")*
Ø 14–16,99 mm *(0.55–0.67")*
Ø 12–13,99 mm *(0.47–0.55")*

Débit du liquide de coupe recommandé Dx1 l/min
Débit du liquide de coupe minimum D/2 l/min
D = Diamètre de foret
Pression du liquide de coupe minimale recommandée 10 bar *(145 PSI)* avec ≤ 3 x D
Pression du liquide de coupe minimale recommandée 20 bar *(290 PSI)* avec ≤ 5 x D
Pression du liquide de coupe minimale recommandée 40 bar *(580 PSI)* avec > 5 x D

Arrosage mixte
Émulsion concentrée à 6-8% recommandée.
Pour le perçage dans l'inox, les superalliages et les aciers hautes résistances, un mélange de 10% est recommandé.

Tolérances du trou / État de surface

SD403, SD405 et SD408
IT9-10 / R_a 1-4*, R_a *39-157 µin

∅ foret DC (mm)	Tolérance IT9 (µm)	Tolérance IT10 (µm)	Foret ∅ DC *(pouces)*	Tolérance IT9 *(pouces)*	Tolérance IT10 *(pouces)*
10-18	0 – +43	0 – +70	*0 – +0.394-0.709*	*0 – +0.0017*	*0 – +0.0028*
18-30	0 – +52	0 – +84	*0 – +0.709-1.181*	*0 – +0.0020*	*0 – +0.0033*

*Ces valeurs peuvent être dépassées dans certains aciers doux ou inoxydables. Utilisez le foret le plus court possible pour une meilleure qualité de trou.

Incidents & remèdes – Premières précautions :

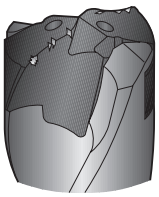
- Améliorer la stabilité du montage pièce.
- Améliorer la stabilité de la broche et du porte-outils.

- Position de l'outil :
  - Faux-rond max. 0,06 TIR

- Évacuation des copeaux :
  - Paramètres de coupe

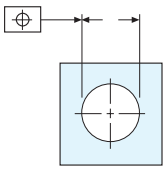
- Arrosage :
  - Pression
  - Débit
  - Concentration

Écaillage des arêtes de coupe



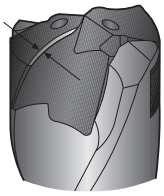
- Réduire l'avance par tour
- Si le foret vibre, réduire la vitesse de coupe et augmenter l'avance
- Lorsque l'on perce des surfaces brutes, dures ou avec une attaque sur face oblique, réduire l'avance de 30% à 50% en entrée et en sortie

Tolérance de diamètre non satisfaisante



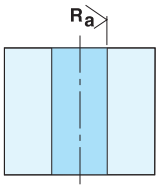
- Augmenter l'avance/tour
- Utiliser un foret carbure monobloc Seco Feedmax, voir page(s) 15-17
- Effectuer une opération d'alésage, voir page(s) 302
- Effectuer une opération avec barre d'alésage, voir page(s) 480-481

Usure en dépouille trop rapide



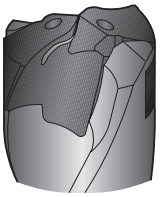
- Contrôler que la géométrie choisie est correcte
- Réduire la vitesse de coupe

État de surface non satisfaisant



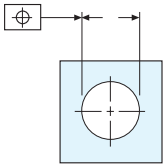
- Réduire l'avance/tour
- Augmenter la vitesse de coupe
- Vérifier que la géométrie choisie est correcte.
- Utiliser un foret carbure monobloc Seco Feedmax, voir page(s) 15-17
- Réaliser une opération d'alésage, voir page(s) 302

Usure des goujures



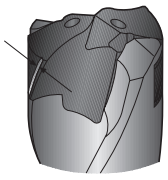
- Réduire l'avance/tour
- Réduire la vitesse de coupe
- Augmenter la concentration du liquide de coupe.

Positionnement du trou non satisfaisant



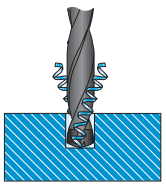
- Réduire l'avance/tour
- Pour percer dans des surfaces brutes, dures ou obliques, réduire l'avance de 30-50 % en début et en fin de perçage.
- Utiliser un foret à centrer avec un angle de pointe de 140˚
- Utiliser un foret carbure monobloc Seco Feedmax, voir page(s) 15-17
- Effectuer une opération d'alésage, voir page(s) 480-481

Usure des listels



- Contrôler que la géométrie choisie est correcte
- Réduire la vitesse de coupe
- Augmenter la concentration du liquide de coupe
- Pour percer dans des surfaces brutes, dures ou obliques, réduire l'avance de 30-50 % en début et fin de perçage

Bourrage copeaux dû à de longs copeaux



- Augmenter l'avance
- Dans des matières à longs copeaux SMG P1-P4, SMG M1-M2 :
  - Augmenter la vitesse de coupe et réduire l'avance/tour
  - Utiliser une géométrie L



Perfomax®

La gamme Perfomax® est une gamme éprouvée de forets pour plaquette indexable qui constitue une solution économique lorsqu'il s'agit de percer des trous de manière productive.

- Fiables et solides, les plaquettes carrées offrent chacune quatre arêtes de coupe.
- La plupart des nuances et géométries optimisées pour différents matériaux de pièce à usiner
- Le corps de foret présente une conception à goujure unique et des trous d'arrosage par le centre sur toutes les tailles qui optimisent l'évacuation des copeaux.

Présentation de la gamme

Perfomax®	Type	Page(s)	∅ gamme	Profondeur de perçage	Tolérance ∅ du foret	Tolérance du trou
	SD522	Page(s) 220, 221, 222-226, 227	15-59 mm *(0.594-2.375“)*	~ 2 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,2 mm *(+0/+ 0.008”)*
	SD523	Page(s) 228, 229, 230, 231-242, 243	15-59 mm *(0.594-2.375“)*	~ 3 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,3 mm *(+0/+ 0.012”)*
	SD524	Page(s) 244, 245-255, 256	17-59 mm *(0.594-2.375“)*	~ 4 x D	+/- 0,1 mm *(+/- 0.004”)*	+ 0,4 mm *(+0/+ 0.016”)*
	SD525	Page(s) 257, 258-259	19-45 mm *(0.750-2.000“)*	~ 5 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,5 mm *(+0/+ 0.020”)*
	SD542	Page(s) 260-261	60-85 mm *(2.250-3.500“)*	~ 2.5 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,2 mm *(+0/+ 0.008”)*
	SD572	Page(s) 262	15-47 mm *(0.591“-1.850”)*	~ 2 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,2 mm *(+0/+ 0.008”)*
	SD602	Page(s) 265-269	60-160 mm *(2.5“-4.000“)*	~ 1-10 x D	+/- 0,2 mm *(+/- 0.008”)*	–

Codification des références - Foret à plaquette indexable

Métrique



SD522	-	20	-	40	-	25	-	R	7
Type de forets SD522 : 2 x D SD523 : 3 x D SD524 : 4 x D SD525 : 5 x D SD542 : 2,5 x D SD572 : 2 x D		Diamètre du foret		Profondeur de perçage		Diamètre d'attachement		Rotation à droite	Type d'attachement 2. Compatible-ABS 7. ISO 9766 8. Compatible VDI G. Graflex

Pouces

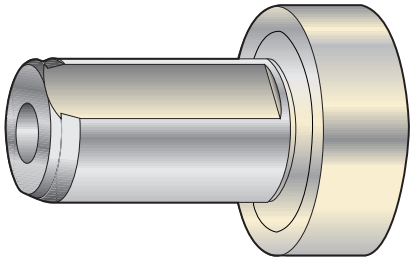
SD522	-	0750	-	150	-	1000	R	7	-	C
Type de forets SD522 : 2 x D SD523 : 3 x D SD524 : 4 x D SD525 : 5 x D SD542 : 2,5 x D SD572 : 2 x D		Diamètre du foret		Profondeur de perçage		Diamètre d'attachement		Rotation à droite	Type d'attachement 2. Compatible-ABS 7. ISO 9766 8. Compatible VDI G. Graflex	Application C. Statique

Capto™

SD523	-	20	-	60	-	C5
Type de forets SD523 : 3 x D SD524 : 4 x D		Diamètre du foret		Profondeur de perçage		Connexion pour Capto : C4, C5, C6

Attachements

-R7

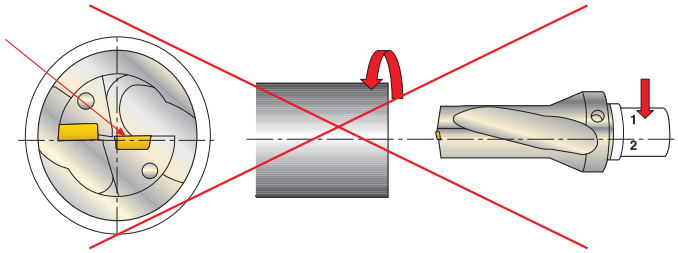


ISO 9766
Attachement universel pour la plupart des forets existant sur le marché :

- Weldon 1835B
- ISO 5414
- DIN 69880

Adduction du lubrifiant par l'extrémité arrière du foret.

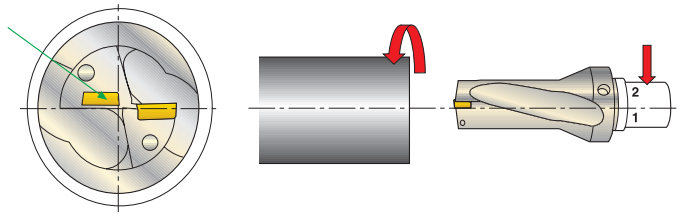
R7 et R7-C



Attachements avec deux ou quatre plats
Arête de coupe de la plaquette du centre au-dessus de l'axe de rotation de la pièce.

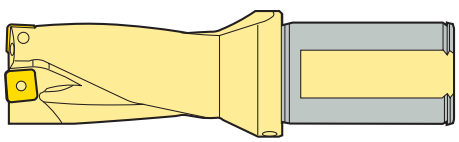
Applications pour outil statique :

- Un plat supplémentaire a été ajouté à l'attachement pour augmenter les possibilités dans les applications de tournage.
- Dans de telles applications, l'axe de la pièce à usiner et l'axe du foret doivent être alignés.
- Si ce n'est pas le cas, les performances du foret sont considérablement réduites.



En tournant le foret de 180°, le second plat donne la possibilité de compenser ce défaut d'alignement d'une manière simple et rapide.

Attachements avec quatre plats
Arête de coupe de plaquette du centre au-dessus de l'axe de rotation de la pièce.

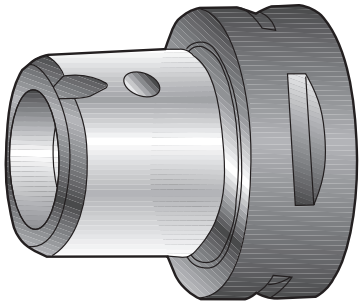


Remarque :

- Si un foret avec un attachement -7 est utilisé dans une application avec rotation avec notre porte-outil réglable, le plat situé du même côté que la plaquette au centre doit être utilisé.
- Sinon, le diamètre du foret sera positionné d'une manière incorrecte.

Attachements

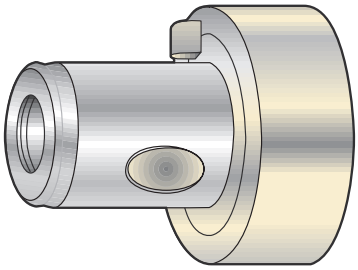
Seco-Capto



Seco-Capto C4, C5, C6

- Flexible - Un même porte-outil peut être utilisé sur plusieurs machines.
- Modulaire - L'achat d'outils avec adaptateurs réduit les stocks outils.
- Transmission de couple élevée - Répartition symétrique du couple.
- Rigide - Pas de réduction des conditions de coupe.
- Précis - L'accouplement avec attachement polygonal, apporte une grande rigidité, un excellent auto-centrage - Répétabilité inférieure à ± 2 microns.

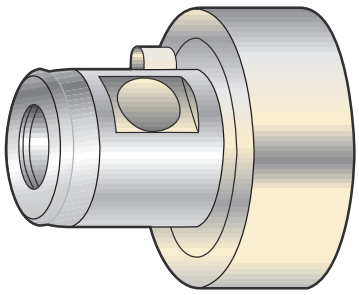
Graflex



- G

- Connexion Graflex directe avec 2 vis à bouts sphériques disposées à 120°.
- Ensembles modulaires offrant rigidité et un faux-rond correct.
- Liaison cylindre/face - grande précision.
- Montage/démontage rapide et facile des modules pour une grande flexibilité.
- Adduction du lubrifiant par l'extrémité arrière du foret.

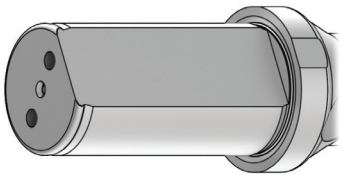
ABS 50 (compatible)



- 2

- Attachement compatible ABS 50.
- S'adapte directement au porte-outil ABS 50 avec une vis de serrage.
- Adduction du lubrifiant par l'extrémité arrière du foret.

VDI 30 et VDI 40 (compatible)



- 8

- Attachement compatible VDI.
- Se fixe directement sur les porte-outils
  – VDI 3425 bl.2
  – DIN 69880

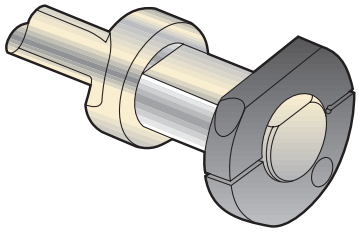
Remarque :
La bague d'arrosage doit être commandée séparément.

Attachements - Bague d'arrosage

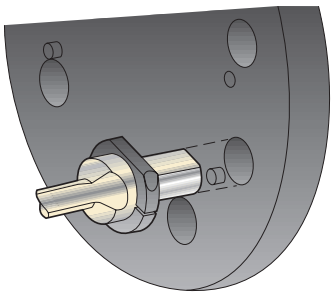
VDI 30			
Profondeur de perçage	Diamètre du foret		Accessoires Bague d'arrosage
	mm	*pouces*	
			
2 x D	15-31	*0.591-1.220*	SDA5-30R8
3 x D	15-31	*0.591-1.220*	SDA5-30R8
4 x D	17-31	*0.669-1.220*	SDA5-30R8
5 x D	19-31	*0.748-1.220*	SDA5-30R8

VDI 40					
Profondeur de perçage	Diamètre du foret		Bouchon	Vis de serrage	Accessoires Bague d'arrosage
	mm	*pouces*			
					
2 x D	15-31	*0.591-1.220*			SDA5-40R8
3 x D	15-31	*0.591-1.220*			SDA5-40R8
4 x D	17-31	*0.669-1.220*			SDA5-40R8
5 x D	19-31	*0.748-1.220*			SDA5-40R8
2 x D	41-59	*1.614-2.323*	R1/4"	P6SS8x8	SDA5-40R8
3 x D	41-59	*1.614-2.323*	R1/4"	P6SS8x8	SDA5-40R8

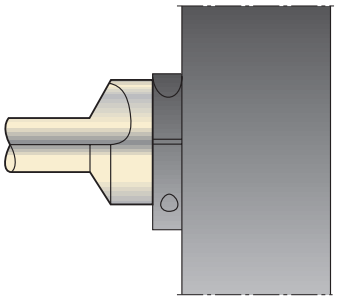
1. Placer la bague sur le foret mais sans serrer la vis de blocage.



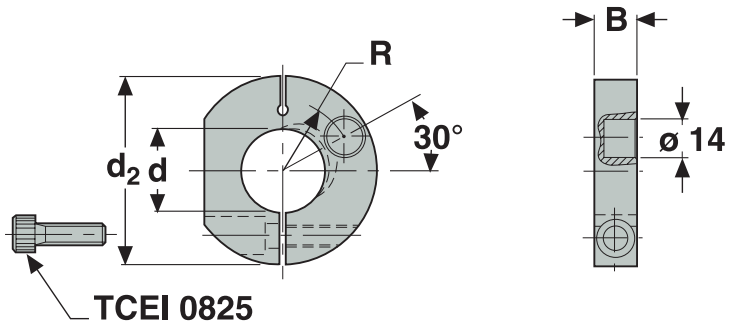
2. Serrer le foret dans la pince.



3. Serrer la vis dans la bague d'arrosage.



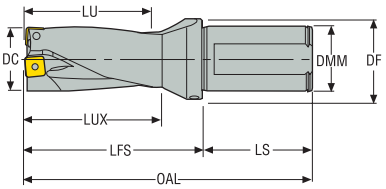
Bague d'arrosage



SD522

Profondeur de perçage ~ 2 x D – Métrique/Pouces





– Attachement ISO 9766, -7
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 279, 280
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD522-15-30-20R7	03080744	15,0 *0.591*	30,0 *1.181*	110,0 *4.331*	35,0 *1.378*	60,0 *2.362*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-15-30-25R7	03080745	15,0 *0.591*	30,0 *1.181*	116,0 *4.567*	35,0 *1.378*	60,0 *2.362*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-15.5-31-20R7	03080740	15,5 *0.610*	31,0 *1.220*	111,0 *4.370*	36,0 *1.417*	61,0 *2.402*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD522-15.5-31-25R7	03080741	15,5 *0.610*	31,0 *1.220*	117,0 *4.606*	36,0 *1.417*	61,0 *2.402*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD522-16-32-20R7	03080749	16,0 *0.630*	32,0 *1.260*	112,0 *4.409*	37,0 *1.457*	62,0 *2.441*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD522-16-32-25R7	03080750	16,0 *0.630*	32,0 *1.260*	118,0 *4.646*	37,0 *1.457*	62,0 *2.441*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD522-16.5-33-20R7	03080746	16,5 *0.650*	33,0 *1.299*	113,0 *4.449*	38,0 *1.496*	63,0 *2.480*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD522-16.5-33-25R7	03080747	16,5 *0.650*	33,0 *1.299*	119,0 *4.685*	38,0 *1.496*	63,0 *2.480*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD522-17-34-20R7	03080754	17,0 *0.669*	34,0 *1.339*	114,0 *4.488*	39,0 *1.535*	64,0 *2.520*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD522-17-34-25R7	03080755	17,0 *0.669*	34,0 *1.339*	120,0 *4.724*	39,0 *1.535*	64,0 *2.520*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD522-17.5-35-20R7	03080752	17,5 *0.689*	35,0 *1.378*	115,0 *4.528*	40,0 *1.575*	65,0 *2.559*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD522-17.5-35-25R7	03080753	17,5 *0.689*	35,0 *1.378*	121,0 *4.764*	40,0 *1.575*	65,0 *2.559*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD522-18-36-20R7	03080760	18,0 *0.709*	36,0 *1.417*	116,0 *4.567*	41,0 *1.614*	66,0 *2.598*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD522-18-36-25R7	03080761	18,0 *0.709*	36,0 *1.417*	122,0 *4.803*	41,0 *1.614*	66,0 *2.598*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD522-18.5-37-20R7	03080758	18,5 *0.728*	37,0 *1.457*	117,0 *4.606*	42,0 *1.654*	67,0 *2.638*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-18.5-37-25R7	03080759	18,5 *0.728*	37,0 *1.457*	123,0 *4.843*	42,0 *1.654*	67,0 *2.638*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-19-38-20R7	03080765	19,0 *0.748*	38,0 *1.496*	118,0 *4.646*	43,0 *1.693*	68,0 *2.677*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD522-19-38-25R7	03080766	19,0 *0.748*	38,0 *1.496*	124,0 *4.882*	43,0 *1.693*	68,0 *2.677*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD522-19.5-39-20R7	03080764	19,5 *0.768*	39,0 *1.535*	119,0 *4.685*	44,0 *1.732*	69,0 *2.717*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX060204	0,11 *0.004*	0,42 *0.017*
SD522-20-40-25R7	03080771	20,0 *0.787*	40,0 *1.575*	126,0 *4.961*	45,0 *1.772*	70,0 *2.756*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD522-21-42-25R7	03080775	21,0 *0.827*	42,0 *1.654*	128,0 *5.039*	47,0 *1.850*	72,0 *2.835*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD522-22-44-25R7	03080777	22,0 *0.866*	44,0 *1.732*	130,0 *5.118*	49,0 *1.929*	74,0 *2.913*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD522-23-46-25R7	03080781	23,0 *0.906*	46,0 *1.811*	132,0 *5.197*	51,0 *2.008*	76,0 *2.992*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD522-23.5-47-25R7	03192517	23,5 *0.925*	47,0 *1.850*	133,0 *5.236*	52,0 *2.047*	77,0 *3.031*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,23 *0.009*	0,5 *0.020*
SD522-24-48-25R7	03080785	24,0 *0.945*	48,0 *1.890*	134,0 *5.276*	53,0 *2.087*	78,0 *3.071*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD522-25-50-32R7	03080788	25,0 *0.984*	50,0 *1.969*	140,0 *5.512*	55,0 *2.165*	80,0 *3.150*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD522-26-52-32R7	03080790	26,0 *1.024*	52,0 *2.047*	142,0 *5.591*	57,0 *2.244*	82,0 *3.228*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD522-27-54-32R7	03080792	27,0 *1.063*	54,0 *2.126*	144,0 *5.669*	59,0 *2.323*	84,0 *3.307*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD522-28-56-32R7	03080795	28,0 *1.102*	56,0 *2.205*	146,0 *5.748*	61,0 *2.402*	86,0 *3.386*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD522-29-58-32R7	03080796	29,0 *1.142*	58,0 *2.283*	148,0 *5.827*	63,0 *2.480*	88,0 *3.465*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD522-30-60-32R7	03080798	30,0 *1.181*	60,0 *2.362*	150,0 *5.906*	65,0 *2.559*	90,0 *3.543*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD522-31-62-32R7	03080801	31,0 *1.220*	62,0 *2.441*	152,0 *5.984*	67,0 *2.638*	92,0 *3.622*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD522-32-64-32R7	03080802	32,0 *1.260*	64,0 *2.520*	154,0 *6.063*	69,0 *2.717*	94,0 *3.701*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD522-32-64-40R7	03080803	32,0 *1.260*	64,0 *2.520*	162,0 *6.378*	69,0 *2.717*	94,0 *3.701*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD522-33-66-32R7	03080805	33,0 *1.299*	66,0 *2.598*	156,0 *6.142*	71,0 *2.795*	96,0 *3.780*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD522-33-66-40R7	03080806	33,0 *1.299*	66,0 *2.598*	164,0 *6.457*	71,0 *2.795*	96,0 *3.780*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD522-34-68-32R7	03080808	34,0 *1.339*	68,0 *2.677*	158,0 *6.220*	73,0 *2.874*	98,0 *3.858*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD522-34-68-40R7	03080809	34,0 *1.339*	68,0 *2.677*	166,0 *6.535*	73,0 *2.874*	98,0 *3.858*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD522-35-70-32R7	03080810	35,0 *1.378*	70,0 *2.756*	160,0 *6.299*	75,0 *2.953*	100,0 *3.937*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD522-35-70-40R7	03080811	35,0 *1.378*	70,0 *2.756*	168,0 *6.614*	75,0 *2.953*	100,0 *3.937*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD522-36-72-32R7	03080813	36,0 *1.417*	72,0 *2.835*	162,0 *6.378*	77,0 *3.031*	102,0 *4.016*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-36-72-40R7	03080814	36,0 *1.417*	72,0 *2.835*	170,0 *6.693*	77,0 *3.031*	102,0 *4.016*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-37-74-32R7	03080816	37,0 *1.457*	74,0 *2.913*	164,0 *6.457*	79,0 *3.110*	104,0 *4.094*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-37-74-40R7	03080817	37,0 *1.457*	74,0 *2.913*	172,0 *6.772*	79,0 *3.110*	104,0 *4.094*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-38-76-32R7	03080818	38,0 *1.496*	76,0 *2.992*	166,0 *6.535*	81,0 *3.189*	106,0 *4.173*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD522-38-76-40R7	03080819	38,0 *1.496*	76,0 *2.992*	174,0 *6.850*	81,0 *3.189*	106,0 *4.173*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD522-39-78-32R7	03080821	39,0 *1.535*	78,0 *3.071*	168,0 *6.614*	83,0 *3.268*	108,0 *4.252*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD522-39-78-40R7	03080822	39,0 *1.535*	78,0 *3.071*	176,0 *6.929*	83,0 *3.268*	108,0 *4.252*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD522-40-80-32R7	03080823	40,0 *1.575*	80,0 *3.150*	170,0 *6.693*	85,0 *3.346*	110,0 *4.331*	60,0 *2.362*	32,0 *1.260*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD522-40-80-40R7	03080824	40,0 *1.575*	80,0 *3.150*	178,0 *7.008*	85,0 *3.346*	110,0 *4.331*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD522-41-82-40R7	03080826	41,0 *1.614*	82,0 *3.228*	180,0 *7.087*	87,0 *3.425*	112,0 *4.409*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD522-42-84-40R7	03080828	42,0 *1.654*	84,0 *3.307*	182,0 *7.165*	89,0 *3.504*	114,0 *4.488*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD522-43-86-40R7	03080830	43,0 *1.693*	86,0 *3.386*	184,0 *7.244*	91,0 *3.583*	116,0 *4.567*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,05 *0.002*	0,5 *0.020*
SD522-44-88-40R7	03080832	44,0 *1.732*	88,0 *3.465*	186,0 *7.323*	93,0 *3.661*	118,0 *4.646*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*
SD522-45-90-40R7	03080834	45,0 *1.772*	90,0 *3.543*	188,0 *7.402*	95,0 *3.740*	120,0 *4.724*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,41 *0.016*
SD522-46-92-40R7	03080835	46,0 *1.811*	92,0 *3.622*	190,0 *7.480*	97,0 *3.819*	122,0 *4.803*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-47-94-40R7	03080836	47,0 *1.850*	94,0 *3.701*	192,0 *7.559*	99,0 *3.898*	124,0 *4.882*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-48-96-40R7	03080837	48,0 *1.890*	96,0 *3.780*	194,0 *7.638*	101,0 *3.976*	126,0 *4.961*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,45 *0.018*	0,5 *0.020*
SD522-49-98-40R7	03080838	49,0 *1.929*	98,0 *3.858*	196,0 *7.717*	103,0 *4.055*	128,0 *5.039*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD522-50-100-40R7	03080839	50,0 *1.969*	100,0 *3.937*	198,0 *7.795*	105,0 *4.134*	130,0 *5.118*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD522-51-102-40R7	03080840	51,0 *2.008*	102,0 *4.016*	200,0 *7.874*	107,0 *4.213*	132,0 *5.197*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD522-52-104-40R7	03080841	52,0 *2.047*	104,0 *4.094*	202,0 *7.953*	109,0 *4.291*	134,0 *5.276*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,42 *0.017*
SD522-53-106-40R7	03080842	53,0 *2.087*	106,0 *4.173*	204,0 *8.031*	111,0 *4.370*	136,0 *5.354*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,42 *0.017*
SD522-54-108-40R7	03080843	54,0 *2.126*	108,0 *4.252*	206,0 *8.110*	113,0 *4.449*	138,0 *5.433*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-55-110-40R7	03080844	55,0 *2.165*	110,0 *4.331*	208,0 *8.189*	115,0 *4.528*	140,0 *5.512*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-56-112-40R7	03080845	56,0 *2.205*	112,0 *4.409*	210,0 *8.268*	117,0 *4.606*	142,0 *5.591*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-57-114-40R7	03080846	57,0 *2.244*	114,0 *4.488*	212,0 *8.346*	119,0 *4.685*	144,0 *5.669*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,39 *0.015*	0,5 *0.020*
SD522-58-116-40R7	03080847	58,0 *2.283*	116,0 *4.567*	214,0 *8.425*	121,0 *4.764*	146,0 *5.748*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512	0,09 *0.004*	0,5 *0.020*
SD522-59-118-40R7	03080848	59,0 *2.323*	118,0 *4.646*	216,0 *8.504*	123,0 *4.843*	148,0 *5.827*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512	0,09 *0.004*	0,5 *0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,5-19,00	C02205-T07P	C02245-T07P	T07P-2
19,5-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
29,00-31,00	C03007-T09P	C03009-T09P	T09P-2
32,00-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-43,00	C03508-T15P	C05012-T15P	T15P-2D
42,00-59,00	C04011-T15P	C05012-T15P	T15P-2D

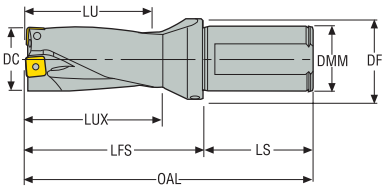
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
15,00-17,00	T00-07P09
17,5-19,00	T00-07P09
19,5-21,00	T00-07P09
22,00	T00-08P12
23,00-25,00	T00-08P12
26,00-28,00	T00-09P20
29,00-31,00	T00-09P20
32,00-40,00	T00-15P30
41,00-43,00	T00-15P30
42,00-59,00	T00-15P35

SD522

Profondeur de perçage ~ 2 x D – Pouces





—Attachement ISO 9766, R7
—Arrosage interne
—Pour le choix des plaquettes, voir page(s) 275-278
—Paramètres de coupe, voir page(s) 279, 280
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique	*Pouces -*	*Pouces +*
SD522-0594-119-1000R7	03080704	*0.594*	*1.190*	*4.621*	*1.387*	*2.371*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.008*	*0.013*
SD522-0625-125-1000R7	03080705	*0.625*	*1.250*	*4.681*	*1.447*	*2.431*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.005*	*0.015*
SD522-0656-131-1000R7	03080707	*0.656*	*1.310*	*4.741*	*1.507*	*2.491*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.002*	*0.019*
SD522-0687-137-1000R7	03080709	*0.687*	*1.370*	*4.801*	*1.567*	*2.551*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0*	*0.020*
SD522-0709-142-1000R7	03080710	*0.709*	*1.420*	*4.851*	*1.617*	*2.601*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.013*	*0.008*
SD522-0750-150-1000R7	03080712	*0.750*	*1.500*	*4.931*	*1.697*	*2.681*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.004*	*0.017*
SD522-0766-153-1000R7	03080713	*0.766*	*1.530*	*4.961*	*1.727*	*2.711*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.001*	*0.020*
SD522-0787-157-1000R7	03080714	*0.787*	*1.570*	*5.001*	*1.767*	*2.751*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.003*	*0.018*
SD522-0812-162-1000R7	03080715	*0.812*	*1.620*	*5.051*	*1.817*	*2.801*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.001*	*0.020*
SD522-0827-165-1000R7	03080717	*0.827*	*1.650*	*5.081*	*1.847*	*2.831*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0*	*0.020*
SD522-0875-175-1000R7	03080718	*0.875*	*1.750*	*5.181*	*1.947*	*2.931*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX060204	*0.015*	*0.020*
SD522-0906-181-1000R7	03080720	*0.906*	*1.810*	*5.241*	*2.007*	*2.991*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.013*	*0.020*
SD522-0922-184-1000R7	03080721	*0.922*	*1.840*	*5.271*	*2.037*	*3.021*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.010*	*0.020*
SD522-0937-187-1000R7	03080722	*0.937*	*1.870*	*5.301*	*2.067*	*3.051*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-0984-197-1250R7	03080724	*0.984*	*1.970*	*5.526*	*2.167*	*3.151*	*2.375*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-1000-200-1250R7	03080725	*1.000*	*2.000*	*5.556*	*2.197*	*3.181*	*2.375*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-1032-206-1250R7	03080727	*1.032*	*2.060*	*5.616*	*2.257*	*3.241*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.004*
SD522-1062-212-1250R7	03080728	*1.062*	*2.120*	*5.676*	*2.317*	*3.301*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.010*
SD522-1125-225-1250R7	03080730	*1.125*	*2.250*	*5.806*	*2.447*	*3.431*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.008*	*0.020*
SD522-1187-237-1250R7	03080732	*1.187*	*2.370*	*5.926*	*2.567*	*3.551*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD522-1250-250-1500R7	03080735	*1.250*	*2.500*	*6.306*	*2.697*	*3.681*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.011*
SD522-1312-262-1500R7	03080736	*1.312*	*2.620*	*6.426*	*2.817*	*3.801*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.020*
SD522-1375-275-1500R7	03080737	*1.375*	*2.750*	*6.556*	*2.947*	*3.931*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.009*	*0.020*
SD522-1437-287-1500R7	03080739	*1.437*	*2.870*	*6.676*	*3.067*	*4.051*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD522-1500-300-1500R7	03080743	*1.500*	*3.000*	*6.806*	*3.197*	*4.181*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.020*	*0.020*
SD522-1625-325-1500R7	03080748	*1.625*	*3.250*	*7.056*	*3.447*	*4.431*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.007*	*0.020*
SD522-1750-350-1500R7	03080756	*1.750*	*3.500*	*7.306*	*3.697*	*4.681*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX120408	*0.020*	*0.016*
SD522-1875-375-1500R7	03080763	*1.875*	*3.750*	*7.556*	*3.947*	*4.931*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD522-2000-400-1500R7	03080769	*2.000*	*4.000*	*7.806*	*4.197*	*5.181*	*2.625*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*
SD522-2125-425-1500R7	03080773	*2.125*	*4.250*	*8.056*	*4.447*	*5.431*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.020*
SD522-2250-450-1500R7	03080779	*2.250*	*4.500*	*8.306*	*4.697*	*5.681*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.013*	*0.020*
SD522-2375-475-1500R7	03080783	*2.375*	*4.750*	*8.556*	*4.947*	*5.931*	*2.625*	*1.500*	*2.480*	SPGX1904	SCGX150512	*0.004*	*0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Vis de serrage	Vis de plaquette périphérique	Clé
			
0.594-0.687	C02245-T07P	C02245-T07P	T07P-2
0.709-0.766	C02205-T07P	C02245-T07P	T07P-2
0.787-0.827	C02205-T07P	C02205-T07P	T07P-2
0.875	C02506-T08P	C02506-T08P	T08P-2
0.906-1.000	C02507-T08P	C03007-T08P	T08P-2
1.032-1.062	C03007-T09P	C03007-T09P	T09P-2
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2
1.250-1.500	C03508-T15P	C03508-T15P	T15P-2D
1.625	C03508-T15P	C05012-T15P	T15P-2D
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D

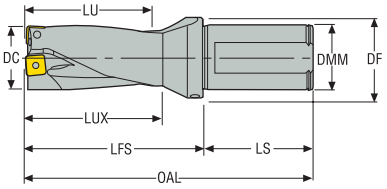
Accessoires

Pour dia. de foret (pouce)	Clé dynamométrique
	
0.594-0.687	T00-07P09
0.709-0.766	T00-07P09
0.787-0.827	T00-07P09
0.875	T00-08P12
0.906-1.000	T00-08P12
1.032-1.062	T00-09P20
1.125-1.187	T00-09P20
1.250-1.500	T00-15P30
1.625	T00-15P30
1.750-2.375	T00-15P35

SD522

Profondeur de perçage ~ 2 x D – Pouces





– Attachement ISO 9766, R7-C
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 279-280
– Diamètres intermédiaires voir le logiciel "MyDesign".
– Compatible applications statiques

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique	*Pouces -*	*Pouces +*
SD522-0625-125-1000R7-C	03080706	*0.625*	*1.250*	*5.378*	*1.447*	*2.628*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.005*	*0.015*
SD522-0687-137-1000R7-C	03080708	*0.687*	*1.370*	*5.498*	*1.567*	*2.748*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0*	*0.020*
SD522-0750-150-1000R7-C	03080711	*0.750*	*1.500*	*5.628*	*1.697*	*2.878*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.004*	*0.017*
SD522-0812-162-1000R7-C	03080716	*0.812*	*1.620*	*5.748*	*1.817*	*2.998*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.001*	*0.020*
SD522-0875-175-1000R7-C	03080719	*0.875*	*1.750*	*5.878*	*1.947*	*3.128*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX060204	*0.015*	*0.020*
SD522-0937-187-1000R7-C	03080723	*0.937*	*1.870*	*5.998*	*2.067*	*3.248*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-1000-200-1250R7-C	03080726	*1.000*	*2.000*	*6.128*	*2.197*	*3.378*	*2.750*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-1062-212-1250R7-C	03080729	*1.062*	*2.120*	*6.248*	*2.317*	*3.498*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.010*
SD522-1125-225-1250R7-C	03080731	*1.125*	*2.250*	*6.378*	*2.447*	*3.628*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.008*	*0.020*
SD522-1187-237-1250R7-C	03080733	*1.187*	*2.370*	*6.498*	*2.567*	*3.748*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD522-1250-250-1500R7-C	03080734	*1.250*	*2.500*	*6.628*	*2.697*	*3.878*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.011*
SD522-1375-275-1500R7-C	03080738	*1.375*	*2.750*	*6.878*	*2.947*	*4.128*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.009*	*0.020*
SD522-1500-300-1500R7-C	03080742	*1.500*	*3.000*	*7.128*	*3.197*	*4.378*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.020*	*0.020*
SD522-1750-350-1500R7-C	03080757	*1.750*	*3.500*	*7.628*	*3.697*	*4.878*	*2.750*	*1.500*	*1.969*	SPGX1504	SCGX120408	*0.020*	*0.016*
SD522-2000-400-1500R7-C	03080770	*2.000*	*4.000*	*8.128*	*4.197*	*5.378*	*2.750*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*
SD522-2125-425-1500R7-C	03080774	*2.125*	*4.250*	*8.378*	*4.447*	*5.628*	*2.750*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.020*
SD522-2250-450-1500R7-C	03080780	*2.250*	*4.500*	*8.628*	*4.697*	*5.878*	*2.750*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.013*	*0.020*
SD522-2375-475-1500R7-C	03080784	*2.375*	*4.750*	*8.878*	*4.947*	*6.128*	*2.750*	*1.500*	*2.480*	SPGX1904	SCGX150512	*0.004*	*0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Adaptateur de tuyau	Vis de serrage	Vis de plaquette périphérique	Clé	Bouchon
					
0.625	C02245-T07P	C02245-T07P	C02245-T07P	T07P-2	R1/4
0.687	–	C02245-T07P	–	T07P-2	R1/4
0.750	C02205-T07P	C02205-T07P	C02245-T07P	T07P-2	R1/4
0.812	C02506-T08P	C02205-T07P	C02506-T08P	T07P-2	R1/4
0.875	–	C02506-T08P	–	T08P-2	R1/4
0.937	C03007-T09P	C02507-T08P	C03007-T08P	T08P-2	R1/4
1.000	1310	C02507-T08P	C03007-T08P	T08P-2	R1/4
1.062	C03508-T15P	C03007-T09P	C03508-T15P	T09P-2	R1/4
1.125-1.187	–	C03007-T09P	C03009-T09P	T09P-2	R1/4
1.250-1.500	–	C03508-T15P	–	T15P-2D	R1/4
1.750-2.375	–	C04011-T15P	C05012-T15P	T15P-2D	R1/4

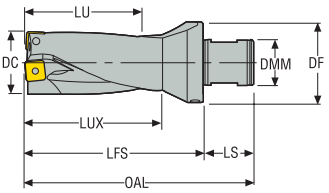
Accessoires

Adaptateur de tuyau	Clé dynamométrique
	
1310	T00-07P09
1310	T00-07P09
1310	T00-07P09
1310	T00-07P09
1310	T00-08P12
1310	T00-08P12
–	T00-08P12
1310	T00-09P20
1310	T00-09P20
1310	T00-15P30
1310	T00-15P35

SD522

Profondeur de perçage ~ 2 x D – Métrique/Pouces





– Attachement compatible ABS 50, R2
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 279, 280
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD522-15-30-50R2	03081056	15,0 *0.591*	30,0 *1.181*	91,0 *3.583*	35,0 *1.378*	60,0 *2.362*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-15.5-31-50R2	03081057	15,5 *0.610*	31,0 *1.220*	92,0 *3.622*	36,0 *1.417*	61,0 *2.402*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD522-16-32-50R2	03080751	16,0 *0.630*	32,0 *1.260*	93,0 *3.661*	37,0 *1.457*	62,0 *2.441*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD522-16.5-33-50R2	03081058	16,5 *0.650*	33,0 *1.299*	94,0 *3.701*	38,0 *1.496*	63,0 *2.480*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD522-17-34-50R2	03081059	17,0 *0.669*	34,0 *1.339*	95,0 *3.740*	39,0 *1.535*	64,0 *2.520*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD522-17.5-35-50R2	03081060	17,5 *0.689*	35,0 *1.378*	96,0 *3.780*	40,0 *1.575*	65,0 *2.559*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD522-18-36-50R2	03080762	18,0 *0.709*	36,0 *1.417*	97,0 *3.819*	41,0 *1.614*	66,0 *2.598*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD522-18.5-37-50R2	03081061	18,5 *0.728*	37,0 *1.457*	98,0 *3.858*	42,0 *1.654*	67,0 *2.638*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-19-38-50R2	03080767	19,0 *0.748*	38,0 *1.496*	99,0 *3.898*	43,0 *1.693*	68,0 *2.677*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD522-20-40-50R2	03080772	20,0 *0.787*	40,0 *1.575*	101,0 *3.976*	45,0 *1.772*	70,0 *2.756*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD522-20.62-42-50R2	03080768	20,62 *0.812*	42,0 *1.654*	103,0 *4.055*	47,0 *1.850*	72,0 *2.835*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD522-21-42-50R2	03081062	21,0 *0.827*	42,0 *1.654*	103,0 *4.055*	47,0 *1.850*	72,0 *2.835*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD522-22-44-50R2	03080778	22,0 *0.866*	44,0 *1.732*	105,0 *4.134*	49,0 *1.929*	74,0 *2.913*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD522-22.23-45-50R2	03080776	22,23 *0.875*	45,0 *1.772*	106,0 *4.173*	50,0 *1.969*	75,0 *2.953*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD522-23-46-50R2	03080782	23,0 *0.906*	46,0 *1.811*	107,0 *4.213*	51,0 *2.008*	76,0 *2.992*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD522-24-48-50R2	03080786	24,0 *0.945*	48,0 *1.890*	109,0 *4.291*	53,0 *2.087*	78,0 *3.071*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD522-25-50-50R2	03080789	25,0 *0.984*	50,0 *1.969*	111,0 *4.370*	55,0 *2.165*	80,0 *3.150*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD522-25.40-51-50R2	03080787	25,4 *1.000*	51,0 *2.008*	112,0 *4.409*	56,0 *2.205*	81,0 *3.189*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD522-26-52-50R2	03080791	26,0 *1.024*	52,0 *2.047*	113,0 *4.449*	57,0 *2.244*	82,0 *3.228*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD522-27-54-50R2	03080793	27,0 *1.063*	54,0 *2.126*	115,0 *4.528*	59,0 *2.323*	84,0 *3.307*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD522-28-56-50R2	03081087	28,0 *1.102*	56,0 *2.205*	117,0 *4.606*	61,0 *2.402*	86,0 *3.386*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD522-28.59-58-50R2	03080794	28,59 *1.126*	58,0 *2.283*	119,0 *4.685*	63,0 *2.480*	88,0 *3.465*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD522-29-58-50R2	03080797	29,0 *1.142*	58,0 *2.283*	119,0 *4.685*	63,0 *2.480*	88,0 *3.465*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD522-30-60-50R2	03080799	30,0 *1.181*	60,0 *2.362*	121,0 *4.764*	65,0 *2.559*	90,0 *3.543*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD522-31-62-50R2	03081063	31,0 *1.220*	62,0 *2.441*	123,0 *4.843*	67,0 *2.638*	92,0 *3.622*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD522-31.75-64-50R2	03080800	31,75 *1.250*	64,0 *2.520*	125,0 *4.921*	69,0 *2.717*	94,0 *3.701*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,28 *0.011*
SD522-32-64-50R2	03080804	32,0 *1.260*	64,0 *2.520*	125,0 *4.921*	69,0 *2.717*	94,0 *3.701*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD522-33-66-50R2	03080807	33,0 *1.299*	66,0 *2.598*	127,0 *5.000*	71,0 *2.795*	96,0 *3.780*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD522-34-68-50R2	03081064	34,0 *1.339*	68,0 *2.677*	129,0 *5.079*	73,0 *2.874*	98,0 *3.858*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD522-35-70-50R2	03080812	35,0 *1.378*	70,0 *2.756*	131,0 *5.157*	75,0 *2.953*	100,0 *3.937*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD522-36-72-50R2	03080815	36,0 *1.417*	72,0 *2.835*	133,0 *5.236*	77,0 *3.031*	102,0 *4.016*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-37-74-50R2	03081065	37,0 *1.457*	74,0 *2.913*	135,0 *5.315*	79,0 *3.110*	104,0 *4.094*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-38-76-50R2	03080820	38,0 *1.496*	76,0 *2.992*	137,0 *5.394*	81,0 *3.189*	106,0 *4.173*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD522-39-78-50R2	03081066	39,0 *1.535*	78,0 *3.071*	139,0 *5.472*	83,0 *3.268*	108,0 *4.252*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD522-40-80-50R2	03080825	40,0 *1.575*	80,0 *3.150*	141,0 *5.551*	85,0 *3.346*	110,0 *4.331*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD522-41-82-50R2	03080827	41,0 *1.614*	82,0 *3.228*	143,0 *5.630*	87,0 *3.425*	112,0 *4.409*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD522-42-84-50R2	03080829	42,0 *1.654*	84,0 *3.307*	145,0 *5.709*	89,0 *3.504*	114,0 *4.488*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD522-43-86-50R2	03081067	43,0 *1.693*	86,0 *3.386*	147,0 *5.787*	91,0 *3.583*	116,0 *4.567*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,05 *0.002*	0,5 *0.020*
SD522-44.45-89-50R2	03080831	44,45 *1.750*	89,0 *3.504*	150,0 *5.906*	94,0 *3.701*	119,0 *4.685*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-43,00	C03508-T15P	C05012-T15P	T15P-2D
44,45	C04011-T15P	C05012-T15P	T15P-2D

Accessoires

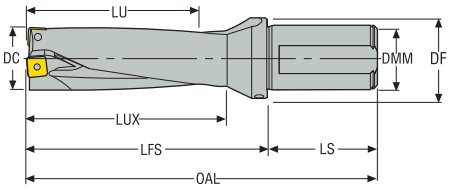
Clé dynamométrique

T00-07P09
T00-07P09
T00-07P09
T00-08P12
T00-08P12
T00-09P20
T00-09P20
T00-15P30
T00-15P30
T00-15P35

SD523

Profondeur de perçage ~ 3 x D – Métrique/Pouces





– Attachement ISO 9766, -7
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 281-282
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-15-45-20R7	03080548	15,0 *0.591*	45,0 *1.772*	125,0 *4.921*	50,0 *1.969*	75,0 *2.953*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15-45-25R7	03080549	15,0 *0.591*	45,0 *1.772*	131,0 *5.157*	50,0 *1.969*	75,0 *2.953*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-20R7	03080544	15,5 *0.610*	47,0 *1.850*	127,0 *5.000*	52,0 *2.047*	77,0 *3.031*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-15.5-47-25R7	03080545	15,5 *0.610*	47,0 *1.850*	133,0 *5.236*	52,0 *2.047*	77,0 *3.031*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-20R7	03080557	16,0 *0.630*	48,0 *1.890*	128,0 *5.039*	53,0 *2.087*	78,0 *3.071*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16-48-25R7	03080558	16,0 *0.630*	48,0 *1.890*	134,0 *5.276*	53,0 *2.087*	78,0 *3.071*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-20R7	03080552	16,5 *0.650*	50,0 *1.969*	130,0 *5.118*	55,0 *2.165*	80,0 *3.150*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-16.5-50-25R7	03080554	16,5 *0.650*	50,0 *1.969*	136,0 *5.354*	55,0 *2.165*	80,0 *3.150*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-20R7	03080568	17,0 *0.669*	51,0 *2.008*	131,0 *5.157*	56,0 *2.205*	81,0 *3.189*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17-51-25R7	03080569	17,0 *0.669*	51,0 *2.008*	137,0 *5.394*	56,0 *2.205*	81,0 *3.189*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-20R7	03080562	17,5 *0.689*	53,0 *2.087*	133,0 *5.236*	58,0 *2.283*	83,0 *3.268*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-17.5-53-25R7	03080563	17,5 *0.689*	53,0 *2.087*	139,0 *5.472*	58,0 *2.283*	83,0 *3.268*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-20R7	03080574	18,0 *0.709*	54,0 *2.126*	134,0 *5.276*	59,0 *2.323*	84,0 *3.307*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18-54-25R7	03080575	18,0 *0.709*	54,0 *2.126*	140,0 *5.512*	59,0 *2.323*	84,0 *3.307*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-20R7	03080570	18,5 *0.728*	56,0 *2.205*	136,0 *5.354*	61,0 *2.402*	86,0 *3.386*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-18.5-56-25R7	03080571	18,5 *0.728*	56,0 *2.205*	142,0 *5.591*	61,0 *2.402*	86,0 *3.386*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-20R7	03080583	19,0 *0.748*	57,0 *2.244*	137,0 *5.394*	62,0 *2.441*	87,0 *3.425*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-19-57-25R7	03080584	19,0 *0.748*	57,0 *2.244*	143,0 *5.630*	62,0 *2.441*	87,0 *3.425*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-19.5-59-20R7	03080579	19,5 *0.768*	59,0 *2.323*	139,0 *5.472*	64,0 *2.520*	89,0 *3.504*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX060204	0,11 *0.004*	0,42 *0.017*
SD523-19.5-59-25R7	03080580	19,5 *0.768*	59,0 *2.323*	145,0 *5.709*	64,0 *2.520*	89,0 *3.504*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-25R7	03080590	20,0 *0.787*	60,0 *2.362*	146,0 *5.748*	65,0 *2.559*	90,0 *3.543*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.5-62-25R7	03080586	20,5 *0.807*	62,0 *2.441*	148,0 *5.827*	67,0 *2.638*	92,0 *3.622*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,04 *0.002*	0,49 *0.019*
SD523-21-63-25R7	03080599	21,0 *0.827*	63,0 *2.480*	149,0 *5.866*	68,0 *2.677*	93,0 *3.661*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-21.5-65-25R7	03080595	21,5 *0.846*	65,0 *2.559*	151,0 *5.945*	70,0 *2.756*	95,0 *3.740*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204	0,5 *0.020*	0,36 *0.014*
SD523-22-66-25R7	03080605	22,0 *0.866*	66,0 *2.598*	152,0 *5.984*	71,0 *2.795*	96,0 *3.780*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-22.5-68-25R7	03080602	22,5 *0.886*	68,0 *2.677*	154,0 *6.063*	73,0 *2.874*	98,0 *3.858*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,42 *0.017*	0,47 *0.019*
SD523-23-69-25R7	03080608	23,0 *0.906*	69,0 *2.717*	155,0 *6.102*	74,0 *2.913*	99,0 *3.898*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-23.5-71-25R7	03080607	23,5 *0.925*	71,0 *2.795*	157,0 *6.181*	76,0 *2.992*	101,0 *3.976*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,23 *0.009*	0,5 *0.020*
SD523-24-72-25R7	03080612	24,0 *0.945*	72,0 *2.835*	158,0 *6.220*	77,0 *3.031*	102,0 *4.016*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-24.5-74-25R7	03080611	24,5 *0.965*	74,0 *2.913*	160,0 *6.299*	79,0 *3.110*	104,0 *4.094*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-32R7	03080616	25,0 *0.984*	75,0 *2.953*	165,0 *6.496*	80,0 *3.150*	105,0 *4.134*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.5-77-32R7	03080615	25,5 *1.004*	77,0 *3.031*	167,0 *6.575*	82,0 *3.228*	107,0 *4.213*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-26-78-32R7	03080619	26,0 *1.024*	78,0 *3.071*	168,0 *6.614*	83,0 *3.268*	108,0 *4.252*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-26.5-80-32R7	03080618	26,5 *1.043*	80,0 *3.150*	170,0 *6.693*	85,0 *3.346*	110,0 *4.331*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,19 *0.007*
SD523-27-81-32R7	03080622	27,0 *1.063*	81,0 *3.189*	171,0 *6.732*	86,0 *3.386*	111,0 *4.370*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-27.5-83-32R7	03080621	27,5 *1.083*	83,0 *3.268*	173,0 *6.811*	88,0 *3.465*	113,0 *4.449*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,46 *0.018*	0,44 *0.017*
SD523-28-84-32R7	03080626	28,0 *1.102*	84,0 *3.307*	174,0 *6.850*	89,0 *3.504*	114,0 *4.488*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.5-86-32R7	03080624	28,5 *1.122*	86,0 *3.386*	176,0 *6.929*	91,0 *3.583*	116,0 *4.567*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-32R7	03080629	29,0 *1.142*	87,0 *3.425*	177,0 *6.969*	92,0 *3.622*	117,0 *4.606*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-29.5-89-32R7	03080628	29,5 *1.161*	89,0 *3.504*	179,0 *7.047*	94,0 *3.701*	119,0 *4.685*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,15 *0.006*	0,5 *0.020*
SD523-30-90-32R7	03080632	30,0 *1.181*	90,0 *3.543*	180,0 *7.087*	95,0 *3.740*	120,0 *4.724*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-30.5-92-32R7	03080631	30,5 *1.201*	92,0 *3.622*	182,0 *7.165*	97,0 *3.819*	122,0 *4.803*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31-93-32R7	03080636	31,0 *1.220*	93,0 *3.661*	183,0 *7.205*	98,0 *3.858*	123,0 *4.843*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31.5-95-32R7	03080634	31,5 *1.240*	95,0 *3.740*	185,0 *7.283*	100,0 *3.937*	125,0 *4.921*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,24 *0.009*
SD523-32-96-32R7	03080638	32,0 *1.260*	96,0 *3.780*	186,0 *7.323*	101,0 *3.976*	126,0 *4.961*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-32-96-40R7	03080639	32,0 *1.260*	96,0 *3.780*	194,0 *7.638*	101,0 *3.976*	126,0 *4.961*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-33-99-32R7	03080641	33,0 *1.299*	99,0 *3.898*	189,0 *7.441*	104,0 *4.094*	129,0 *5.079*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-33-99-40R7	03080642	33,0 *1.299*	99,0 *3.898*	197,0 *7.756*	104,0 *4.094*	129,0 *5.079*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-34-102-32R7	03080644	34,0 *1.339*	102,0 *4.016*	192,0 *7.559*	107,0 *4.213*	132,0 *5.197*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-34-102-40R7	03080645	34,0 *1.339*	102,0 *4.016*	200,0 *7.874*	107,0 *4.213*	132,0 *5.197*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-32R7	03080648	35,0 *1.378*	105,0 *4.134*	195,0 *7.677*	110,0 *4.331*	135,0 *5.315*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-40R7	03080649	35,0 *1.378*	105,0 *4.134*	203,0 *7.992*	110,0 *4.331*	135,0 *5.315*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-35.5-107-40R7	03080647	35,5 *1.398*	107,0 *4.213*	205,0 *8.071*	112,0 *4.409*	137,0 *5.394*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-36-108-32R7	03080651	36,0 *1.417*	108,0 *4.252*	198,0 *7.795*	113,0 *4.449*	138,0 *5.433*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-36-108-40R7	03080652	36,0 *1.417*	108,0 *4.252*	206,0 *8.110*	113,0 *4.449*	138,0 *5.433*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-32R7	03080653	37,0 *1.457*	111,0 *4.370*	201,0 *7.913*	116,0 *4.567*	141,0 *5.551*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-40R7	03080654	37,0 *1.457*	111,0 *4.370*	209,0 *8.228*	116,0 *4.567*	141,0 *5.551*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-38-114-32R7	03080655	38,0 *1.496*	114,0 *4.488*	204,0 *8.031*	119,0 *4.685*	144,0 *5.669*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-38-114-40R7	03080656	38,0 *1.496*	114,0 *4.488*	212,0 *8.346*	119,0 *4.685*	144,0 *5.669*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-39-117-32R7	03080658	39,0 *1.535*	117,0 *4.606*	207,0 *8.150*	122,0 *4.803*	147,0 *5.787*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-39-117-40R7	03080659	39,0 *1.535*	117,0 *4.606*	215,0 *8.465*	122,0 *4.803*	147,0 *5.787*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD523-40-120-32R7	03080661	40,0 *1.575*	120,0 *4.724*	210,0 *8.268*	125,0 *4.921*	150,0 *5.906*	60,0 *2.362*	32,0 *1.260*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD523-40-120-40R7	03080662	40,0 *1.575*	120,0 *4.724*	218,0 *8.583*	125,0 *4.921*	150,0 *5.906*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD523-41-123-40R7	03080665	41,0 *1.614*	123,0 *4.843*	221,0 *8.701*	128,0 *5.039*	153,0 *6.024*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-41.5-125-40R7	03080663	41,5 *1.634*	125,0 *4.921*	223,0 *8.780*	130,0 *5.118*	155,0 *6.102*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-42-126-40R7	03080666	42,0 *1.654*	126,0 *4.961*	224,0 *8.819*	131,0 *5.157*	156,0 *6.142*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-43-129-40R7	03080667	43,0 *1.693*	129,0 *5.079*	227,0 *8.937*	134,0 *5.276*	159,0 *6.260*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,05 *0.002*	0,5 *0.020*
SD523-44-132-40R7	03080670	44,0 *1.732*	132,0 *5.197*	230,0 *9.055*	137,0 *5.394*	162,0 *6.378*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*
SD523-44.5-134-40R7	03080669	44,5 *1.752*	134,0 *5.276*	232,0 *9.134*	139,0 *5.472*	164,0 *6.457*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,41 *0.016*
SD523-45-135-40R7	03080672	45,0 *1.772*	135,0 *5.315*	233,0 *9.173*	140,0 *5.512*	165,0 *6.496*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,41 *0.016*
SD523-46-138-40R7	03080673	46,0 *1.811*	138,0 *5.433*	236,0 *9.291*	143,0 *5.630*	168,0 *6.614*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-47-141-40R7	03080675	47,0 *1.850*	141,0 *5.551*	239,0 *9.409*	146,0 *5.748*	171,0 *6.732*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-47.5-143-40R7	03080674	47,5 *1.870*	143,0 *5.630*	241,0 *9.488*	148,0 *5.827*	173,0 *6.811*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-48-144-40R7	03080676	48,0 *1.890*	144,0 *5.669*	242,0 *9.528*	149,0 *5.866*	174,0 *6.850*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,45 *0.018*	0,5 *0.020*
SD523-49-147-40R7	03080677	49,0 *1.929*	147,0 *5.787*	245,0 *9.646*	152,0 *5.984*	177,0 *6.969*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD523-50-150-40R7	03080678	50,0 *1.969*	150,0 *5.906*	248,0 *9.764*	155,0 *6.102*	180,0 *7.087*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD523-51-153-40R7	03080679	51,0 *2.008*	153,0 *6.024*	251,0 *9.882*	158,0 *6.220*	183,0 *7.205*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD523-52-156-40R7	03080680	52,0 *2.047*	156,0 *6.142*	254,0 *10.000*	161,0 *6.339*	186,0 *7.323*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,42 *0.017*
SD523-53-159-40R7	03080681	53,0 *2.087*	159,0 *6.260*	257,0 *10.118*	164,0 *6.457*	189,0 *7.441*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,42 *0.017*
SD523-54-162-40R7	03080682	54,0 *2.126*	162,0 *6.378*	260,0 *10.236*	167,0 *6.575*	192,0 *7.559*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-55-165-40R7	03080683	55,0 *2.165*	165,0 *6.496*	263,0 *10.354*	170,0 *6.693*	195,0 *7.677*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-56-168-40R7	03080684	56,0 *2.205*	168,0 *6.614*	266,0 *10.472*	173,0 *6.811*	198,0 *7.795*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-57-171-40R7	03080685	57,0 *2.244*	171,0 *6.732*	269,0 *10.591*	176,0 *6.929*	201,0 *7.913*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,39 *0.015*	0,5 *0.020*
SD523-58-174-40R7	03080686	58,0 *2.283*	174,0 *6.850*	272,0 *10.709*	179,0 *7.047*	204,0 *8.031*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512	0,09 *0.004*	0,5 *0.020*
SD523-59-177-40R7	03080687	59,0 *2.323*	177,0 *6.969*	275,0 *10.827*	182,0 *7.165*	207,0 *8.150*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512	0,09 *0.004*	0,5 *0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
19,50-21,00	C02205-T07P	C02205-T07P	T07P-2
21,50-22,00	C02506-T08P	C02506-T08P	T08P-2
22,50-25,00	C02507-T08P	C03007-T08P	T08P-2
25,50-28,00	C03007-T09P	C03007-T09P	T09P-2
28,50-31,00	C03007-T09P	C03009-T09P	T09P-2
31,50-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,50-43,00	C03508-T15P	C05012-T15P	T15P-2D
44,00-59,00	C04011-T15P	C05012-T15P	T15P-2D

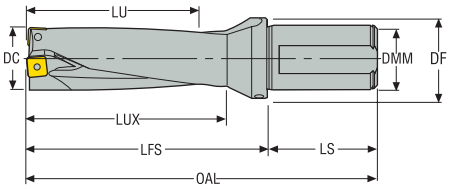
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
15,00-17,00	T00-07P09
17,50-19,00	T00-07P09
19,50-21,00	T00-07P09
21,50-22,00	T00-08P12
22,50-25,00	T00-08P12
25,50-28,00	T00-09P20
28,50-31,00	T00-09P20
31,50-40,00	T00-15P30
41,50-43,00	T00-15P30
44,00-59,00	T00-15P35

SD523

Profondeur de perçage ~ 3 x D – Pouces





– Attachement ISO 9766, -7
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 281-282
– Diamètres intermédiaires voir le logiciel "MyDesign".

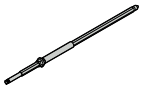
Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique	*Pouces -*	*Pouces +*
SD523-0562-169-1000R7	03080485	*0.562*	*1.686*	*5.117*	*1.883*	*2.867*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.011*	*0.009*
SD523-0594-178-1000R7	03080486	*0.594*	*1.780*	*5.211*	*1.977*	*2.961*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.008*	*0.013*
SD523-0625-188-1000R7	03080488	*0.625*	*1.880*	*5.311*	*2.077*	*3.061*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.005*	*0.015*
SD523-0656-197-1000R7	03080490	*0.656*	*1.970*	*5.401*	*2.167*	*3.151*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.002*	*0.019*
SD523-0687-206-1000R7	03080493	*0.687*	*2.030*	*5.461*	*2.227*	*3.211*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0*	*0.020*
SD523-0709-213-1000R7	03080494	*0.709*	*2.130*	*5.561*	*2.327*	*3.311*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.013*	*0.008*
SD523-0750-225-1000R7	03080497	*0.750*	*2.250*	*5.681*	*2.447*	*3.431*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.004*	*0.017*
SD523-0766-230-1000R7	03080499	*0.766*	*2.300*	*5.731*	*2.497*	*3.481*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.001*	*0.020*
SD523-0787-236-1000R7	03080501	*0.787*	*2.360*	*5.791*	*2.557*	*3.541*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.003*	*0.018*
SD523-0812-244-1000R7	03080503	*0.812*	*2.440*	*5.871*	*2.637*	*3.621*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.001*	*0.020*
SD523-0827-248-1000R7	03080505	*0.827*	*2.480*	*5.911*	*2.677*	*3.661*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0*	*0.020*
SD523-0875-263-1000R7	03080507	*0.875*	*2.630*	*6.061*	*2.827*	*3.811*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX060204	*0.015*	*0.020*
SD523-0906-272-1000R7	03080509	*0.906*	*2.720*	*6.151*	*2.917*	*3.901*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.013*	*0.020*
SD523-0922-276-1000R7	03080512	*0.922*	*2.760*	*6.191*	*2.957*	*3.941*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.010*	*0.020*
SD523-0937-281-1000R7	03080514	*0.937*	*2.810*	*6.241*	*3.007*	*3.991*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-0984-295-1250R7	03080516	*0.984*	*2.950*	*6.506*	*3.147*	*4.131*	*2.375*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-1000-300-1250R7	03080518	*1.000*	*3.000*	*6.556*	*3.197*	*4.181*	*2.375*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-1032-310-1250R7	03080521	*1.032*	*3.100*	*6.656*	*3.297*	*4.281*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.004*
SD523-1062-319-1250R7	03080522	*1.062*	*3.190*	*6.746*	*3.387*	*4.371*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.010*
SD523-1109-332-1250R7	03080525	*1.109*	*3.320*	*6.876*	*3.517*	*4.501*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.009*	*0.020*
SD523-1125-338-1250R7	03080526	*1.125*	*3.380*	*6.936*	*3.577*	*4.561*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.008*	*0.020*
SD523-1172-351-1250R7	03080528	*1.172*	*3.510*	*7.066*	*3.707*	*4.691*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD523-1187-356-1250R7	03080530	*1.187*	*3.560*	*7.116*	*3.757*	*4.741*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD523-1250-375-1500R7	03080533	*1.250*	*3.750*	*7.556*	*3.947*	*4.931*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.011*
SD523-1312-394-1500R7	03080535	*1.312*	*3.940*	*7.746*	*4.137*	*5.121*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.020*
SD523-1344-403-1500R7	03080537	*1.344*	*4.030*	*7.836*	*4.227*	*5.211*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.006*	*0.020*
SD523-1375-413-1500R7	03080539	*1.375*	*4.130*	*7.936*	*4.327*	*5.311*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.009*	*0.020*
SD523-1422-426-1500R7	03080541	*1.422*	*4.260*	*8.066*	*4.457*	*5.441*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD523-1437-431-1500R7	03080542	*1.437*	*4.310*	*8.116*	*4.507*	*5.491*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD523-1500-450-1500R7	03080547	*1.500*	*4.500*	*8.306*	*4.697*	*5.681*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.020*	*0.020*
SD523-1562-469-1500R7	03080550	*1.562*	*4.690*	*8.496*	*4.887*	*5.871*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.010*	*0.020*
SD523-1625-488-1500R7	03080555	*1.625*	*4.880*	*8.686*	*5.077*	*6.061*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.007*	*0.020*
SD523-1687-506-1500R7	03080560	*1.687*	*5.060*	*8.866*	*5.257*	*6.241*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.004*	*0.020*
SD523-1750-525-1500R7	03080565	*1.750*	*5.250*	*9.056*	*5.447*	*6.431*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX120408	*0.020*	*0.016*
SD523-1812-544-1500R7	03080572	*1.812*	*5.440*	*9.246*	*5.637*	*6.621*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD523-1875-563-1500R7	03080577	*1.875*	*5.630*	*9.436*	*5.827*	*6.811*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD523-1937-581-1500R7	03080581	*1.937*	*5.810*	*9.616*	*6.007*	*6.991*	*2.625*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique	*Pouces -*	*Pouces +*
SD523-2000-600-1500R7	03080588	*2.000*	*6.000*	*9.806*	*6.197*	*7.181*	*2.625*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*
SD523-2062-619-1500R7	03080593	*2.062*	*6.190*	*9.996*	*6.387*	*7.371*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.017*
SD523-2125-638-1500R7	03080596	*2.125*	*6.380*	*10.186*	*6.577*	*7.561*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.020*
SD523-2250-675-1500R7	03080603	*2.250*	*6.750*	*10.556*	*6.947*	*7.931*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.013*	*0.020*
SD523-2375-713-1500R7	03080609	*2.375*	*7.130*	*10.936*	*7.327*	*8.311*	*2.625*	*1.500*	*2.480*	SPGX1904	SCGX150512	*0.004*	*0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Vis de serrage	Vis de plaquette périphérique	Clé
			
0.562	C02245-T07P	C02245-T07P	T07P-2
0.594-0.687	C02245-T07P	–	T07P-2
0.709-0.766	C02205-T07P	C02245-T07P	T07P-2
0.787-0.827	C02205-T07P	C02506-T08P	T07P-2
0.875	C02506-T08P	–	T08P-2
0.906-1.000	C02507-T08P	C03007-T08P	T08P-2
1.032-1.109	C03007-T09P	–	T09P-2
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2
1.250-1.562	C03508-T15P	–	T15P-2D
1.625-1.687	C03508-T15P	C05012-T15P	T15P-2D
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D

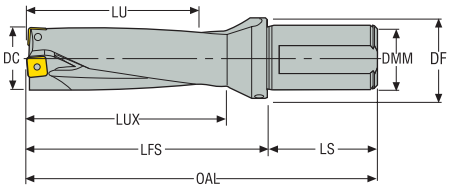
Accessoires

Pour dia. de foret (pouce)	Embout interchangeable	Clé dynamométrique
		
0.562	T00-07P	T00-07P09
0.594-0.687	–	T00-07P09
0.709-0.766	–	T00-07P09
0.787-0.827	–	T00-07P09
0.875	–	T00-08P12
0.906-1.000	–	T00-08P12
1.032-1.109	–	T00-09P20
1.125-1.187	–	T00-09P20
1.250-1.562	–	T00-15P30
1.625-1.687	–	T00-15P30
1.750-2.375	–	T00-15P35

SD523

Profondeur de perçage ~ 3 x D – Pouces





—Attachement ISO 9766, R7-C
—Arrosage interne
—Pour le choix des plaquettes, voir page(s) 275-278
—Paramètres de coupe, voir page(s) 281-282
—Diamètres intermédiaires voir le logiciel "MyDesign".
—Compatible applications statiques

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique	*Pouces -*	*Pouces +*
SD523-0594-178-1000R7-C	03080487	*0.594*	*1.780*	*5.908*	*1.977*	*3.158*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.008*	*0.013*
SD523-0625-188-1000R7-C	03080489	*0.625*	*1.880*	*6.008*	*2.077*	*3.258*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.005*	*0.015*
SD523-0656-197-1000R7-C	03080491	*0.656*	*1.970*	*6.098*	*2.167*	*3.348*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.002*	*0.019*
SD523-0687-206-1000R7-C	03080492	*0.687*	*2.060*	*6.188*	*2.257*	*3.438*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0*	*0.020*
SD523-0709-213-1000R7-C	03080495	*0.709*	*2.130*	*6.258*	*2.327*	*3.508*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.013*	*0.008*
SD523-0750-225-1000R7-C	03080496	*0.750*	*2.250*	*6.378*	*2.447*	*3.628*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.004*	*0.017*
SD523-0766-230-1000R7-C	03080500	*0.766*	*2.300*	*6.428*	*2.497*	*3.678*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.001*	*0.020*
SD523-0787-236-1000R7-C	03080502	*0.787*	*2.360*	*6.488*	*2.557*	*3.738*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.003*	*0.018*
SD523-0812-244-1000R7-C	03080504	*0.812*	*2.440*	*6.568*	*2.637*	*3.818*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.001*	*0.020*
SD523-0827-248-1000R7-C	03080506	*0.827*	*2.480*	*6.608*	*2.677*	*3.858*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0*	*0.020*
SD523-0875-263-1000R7-C	03080508	*0.875*	*2.630*	*6.758*	*2.827*	*4.008*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX060204	*0.015*	*0.020*
SD523-0906-272-1000R7-C	03080511	*0.906*	*2.720*	*6.848*	*2.917*	*4.098*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.013*	*0.020*
SD523-0922-276-1000R7-C	03080513	*0.922*	*2.760*	*6.888*	*2.957*	*4.138*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.010*	*0.020*
SD523-0937-281-1000R7-C	03080515	*0.937*	*2.810*	*6.938*	*3.007*	*4.188*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-0984-295-1250R7-C	03080517	*0.984*	*2.950*	*7.078*	*3.147*	*4.328*	*2.750*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-1000-300-1250R7-C	03080519	*1.000*	*3.000*	*7.128*	*3.197*	*4.378*	*2.750*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-1032-310-1250R7-C	03080520	*1.032*	*3.100*	*7.228*	*3.297*	*4.478*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.004*
SD523-1062-319-1250R7-C	03080523	*1.062*	*3.190*	*7.318*	*3.387*	*4.568*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.010*
SD523-1109-332-1250R7-C	03080524	*1.109*	*3.320*	*7.448*	*3.517*	*4.698*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.009*	*0.020*
SD523-1125-338-1250R7-C	03080527	*1.125*	*3.380*	*7.508*	*3.577*	*4.758*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.008*	*0.020*
SD523-1172-351-1250R7-C	03080529	*1.172*	*3.510*	*7.638*	*3.707*	*4.888*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD523-1187-356-1250R7-C	03080531	*1.187*	*3.560*	*7.688*	*3.757*	*4.938*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD523-1250-375-1500R7-C	03080532	*1.250*	*3.750*	*7.878*	*3.947*	*5.128*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.011*
SD523-1312-394-1500R7-C	03080536	*1.312*	*3.940*	*8.068*	*4.137*	*5.318*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.020*
SD523-1344-403-1500R7-C	03080538	*1.344*	*4.030*	*8.158*	*4.227*	*5.408*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.006*	*0.020*
SD523-1375-413-1500R7-C	03080540	*1.375*	*4.130*	*8.258*	*4.327*	*5.508*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.009*	*0.020*
SD523-1422-426-1500R7-C	03080900	*1.422*	*4.260*	*8.388*	*4.457*	*5.638*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD523-1437-431-1500R7-C	03080543	*1.437*	*4.310*	*8.438*	*4.507*	*5.688*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD523-1500-450-1500R7-C	03080546	*1.500*	*4.500*	*8.628*	*4.697*	*5.878*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.020*	*0.020*
SD523-1562-469-1500R7-C	03080551	*1.562*	*4.690*	*8.818*	*4.887*	*6.068*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.010*	*0.020*
SD523-1625-488-1500R7-C	03080556	*1.625*	*4.880*	*9.008*	*5.077*	*6.258*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.007*	*0.020*
SD523-1687-506-1500R7-C	03080561	*1.687*	*5.060*	*9.188*	*5.257*	*6.438*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.004*	*0.020*
SD523-1750-525-1500R7-C	03080566	*1.750*	*5.250*	*9.378*	*5.447*	*6.628*	*2.750*	*1.500*	*1.969*	SPGX1504	SCGX120408	*0.020*	*0.016*
SD523-1812-544-1500R7-C	03080573	*1.812*	*5.440*	*9.568*	*5.637*	*6.818*	*2.750*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD523-1875-563-1500R7-C	03080578	*1.875*	*5.630*	*9.758*	*5.827*	*7.008*	*2.750*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD523-1937-581-1500R7-C	03080582	*1.937*	*5.810*	*9.938*	*6.007*	*7.188*	*2.750*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique	*Pouces -*	*Pouces +*
SD523-2000-600-1500R7-C	03080589	*2.000*	*6.000*	*10.128*	*6.197*	*7.378*	*2.750*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*
SD523-2125-638-1500R7-C	03080598	*2.125*	*6.380*	*10.508*	*6.577*	*7.758*	*2.750*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.020*
SD523-2250-675-1500R7-C	03080604	*2.250*	*6.750*	*10.878*	*6.947*	*8.128*	*2.750*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.013*	*0.020*
SD523-2375-713-1500R7-C	03080610	*2.375*	*7.130*	*11.258*	*7.327*	*8.508*	*2.750*	*1.500*	*2.480*	SPGX1904	SCGX150512	*0.004*	*0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Vis de serrage	Vis de plaquette périphérique	Clé	Bouchon
				
0.594-0.687	C02245-T07P	C02245-T07P	T07P-2	R1/4
0.709-0.766	C02205-T07P	C02245-T07P	T07P-2	R1/4
0.787-0.827	C02205-T07P	C02205-T07P	T07P-2	R1/4
0.875	C02506-T08P	C02506-T08P	T08P-2	R1/4
0.906	C02507-T08P	C03007-T08P	T08P-2	R1/4
0.922	C02506-T08P	C03007-T08P	T08P-2	R1/4
0.937-1.000	C02507-T08P	C03007-T08P	T08P-2	R1/4
1.032-1.109	C03007-T09P	C03007-T09P	T09P-2	R1/4
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2	R1/4
1.250-1.562	C03508-T15P	C03508-T15P	T15P-2D	R1/4
1.625-1.687	C03508-T15P	C05012-T15P	T15P-2D	R1/4
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D	R1/4

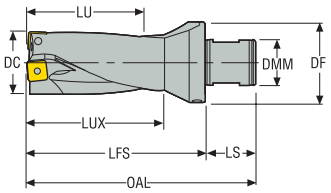
Accessoires

Pour dia. de foret (pouce)	Adaptateur de tuyau	Clé dynamométrique
		
0.594-0.687	1310	T00-07P09
0.709-0.766	1310	T00-07P09
0.787-0.827	1310	T00-07P09
0.875	1310	T00-08P12
0.906	1310	T00-08P12
0.922	1310	T00-08P12
0.937-1.000	1310	T00-08P12
1.032-1.109	1310	T00-09P20
1.125-1.187	1310	T00-09P20
1.250-1.562	1310	T00-15P30
1.625-1.687	1310	T00-15P30
1.750-2.375	1310	T00-15P35

SD523

Profondeur de perçage ~ 3 x D – Métrique/Pouces





– Attachement compatible ABS 50, -2
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 281-282
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-15-45-50R2	03080864	15,0 *0.591*	45,0 *1.772*	106,0 *4.173*	50,0 *1.969*	75,0 *2.953*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-50R2	03080865	15,5 *0.610*	47,0 *1.850*	108,0 *4.252*	52,0 *2.047*	77,0 *3.031*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-50R2	03080559	16,0 *0.630*	48,0 *1.890*	109,0 *4.291*	53,0 *2.087*	78,0 *3.071*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-50R2	03080866	16,5 *0.650*	50,0 *1.969*	111,0 *4.370*	55,0 *2.165*	80,0 *3.150*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-50R2	03080867	17,0 *0.669*	51,0 *2.008*	112,0 *4.409*	56,0 *2.205*	81,0 *3.189*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-50R2	03080564	17,5 *0.689*	53,0 *2.087*	114,0 *4.488*	58,0 *2.283*	83,0 *3.268*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-50R2	03080576	18,0 *0.709*	54,0 *2.126*	115,0 *4.528*	59,0 *2.323*	84,0 *3.307*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-50R2	03080868	18,5 *0.728*	56,0 *2.205*	117,0 *4.606*	61,0 *2.402*	86,0 *3.386*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-50R2	03080585	19,0 *0.748*	57,0 *2.244*	118,0 *4.646*	62,0 *2.441*	87,0 *3.425*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-50R2	03080591	20,0 *0.787*	60,0 *2.362*	121,0 *4.764*	65,0 *2.559*	90,0 *3.543*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.62-62-50R2	03080587	20,62 *0.812*	62,0 *2.441*	123,0 *4.843*	67,0 *2.638*	92,0 *3.622*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD523-21-63-50R2	03080600	21,0 *0.827*	63,0 *2.480*	124,0 *4.882*	68,0 *2.677*	93,0 *3.661*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-22-66-50R2	03080606	22,0 *0.866*	66,0 *2.598*	127,0 *5.000*	71,0 *2.795*	96,0 *3.780*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD523-22.23-67-50R2	03080601	22,23 *0.875*	67,0 *2.638*	128,0 *5.039*	72,0 *2.835*	97,0 *3.819*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD523-23-69-50R2	03080869	23,0 *0.906*	69,0 *2.717*	130,0 *5.118*	74,0 *2.913*	99,0 *3.898*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-24-72-50R2	03080613	24,0 *0.945*	72,0 *2.835*	133,0 *5.236*	77,0 *3.031*	102,0 *4.016*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-50R2	03080617	25,0 *0.984*	75,0 *2.953*	136,0 *5.354*	80,0 *3.150*	105,0 *4.134*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.40-77-50R2	03080614	25,4 *1.000*	77,0 *3.031*	138,0 *5.433*	82,0 *3.228*	107,0 *4.213*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-26-78-50R2	03080620	26,0 *1.024*	78,0 *3.071*	139,0 *5.472*	83,0 *3.268*	108,0 *4.252*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-27-81-50R2	03080623	27,0 *1.063*	81,0 *3.189*	142,0 *5.591*	86,0 *3.386*	111,0 *4.370*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-28-84-50R2	03080627	28,0 *1.102*	84,0 *3.307*	145,0 *5.709*	89,0 *3.504*	114,0 *4.488*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.59-86-50R2	03080625	28,59 *1.126*	86,0 *3.386*	147,0 *5.787*	91,0 *3.583*	116,0 *4.567*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-50R2	03080630	29,0 *1.142*	87,0 *3.425*	148,0 *5.827*	92,0 *3.622*	117,0 *4.606*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-30-90-50R2	03080633	30,0 *1.181*	90,0 *3.543*	151,0 *5.945*	95,0 *3.740*	120,0 *4.724*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31-93-50R2	03080637	31,0 *1.220*	93,0 *3.661*	154,0 *6.063*	98,0 *3.858*	123,0 *4.843*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-31.75-96-50R2	03080635	31,75 *1.250*	96,0 *3.780*	157,0 *6.181*	101,0 *3.976*	126,0 *4.961*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,28 *0.011*
SD523-32-96-50R2	03080640	32,0 *1.260*	96,0 *3.780*	157,0 *6.181*	101,0 *3.976*	126,0 *4.961*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-33-99-50R2	03080643	33,0 *1.299*	99,0 *3.898*	160,0 *6.299*	104,0 *4.094*	129,0 *5.079*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-34-102-50R2	03080646	34,0 *1.339*	102,0 *4.016*	163,0 *6.417*	107,0 *4.213*	132,0 *5.197*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-50R2	03080650	35,0 *1.378*	105,0 *4.134*	166,0 *6.535*	110,0 *4.331*	135,0 *5.315*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-36-108-50R2	03080870	36,0 *1.417*	108,0 *4.252*	169,0 *6.654*	113,0 *4.449*	138,0 *5.433*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-50R2	03080871	37,0 *1.457*	111,0 *4.370*	172,0 *6.772*	116,0 *4.567*	141,0 *5.551*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-38-114-50R2	03080657	38,0 *1.496*	114,0 *4.488*	175,0 *6.890*	119,0 *4.685*	144,0 *5.669*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-39-117-50R2	03080660	39,0 *1.535*	117,0 *4.606*	178,0 *7.008*	122,0 *4.803*	147,0 *5.787*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD523-40-120-50R2	03080872	40,0 *1.575*	120,0 *4.724*	181,0 *7.126*	125,0 *4.921*	150,0 *5.906*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD523-41-123-50R2	03080873	41,0 *1.614*	123,0 *4.843*	184,0 *7.244*	128,0 *5.039*	153,0 *6.024*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-42-126-50R2	03080874	42,0 *1.654*	126,0 *4.961*	187,0 *7.362*	131,0 *5.157*	156,0 *6.142*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-43-129-50R2	03080875	43,0 *1.693*	129,0 *5.079*	190,0 *7.480*	134,0 *5.276*	159,0 *6.260*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,05 *0.002*	0,5 *0.020*
SD523-44-132-50R2	03080671	44,0 *1.732*	132,0 *5.197*	193,0 *7.598*	137,0 *5.394*	162,0 *6.378*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*
SD523-44.45-134-50R2	03080668	44,45 *1.750*	134,0 *5.276*	195,0 *7.677*	139,0 *5.472*	164,0 *6.457*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00	C02506-T08P	C03007-T08P	T08P-2
24,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-43,00	C03508-T15P	C05012-T15P	T15P-2D
44,00-44,45	C04011-T15P	C05012-T15P	T15P-2D

Accessoires

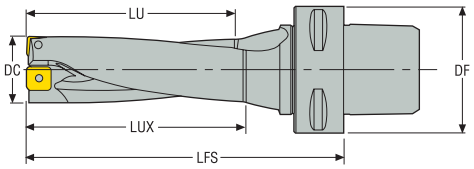
Clé dynamométrique

T00-07P09
T00-07P09
T00-07P09
T00-08P12
T00-08P12
T00-08P12
T00-09P20
T00-09P20
T00-15P30
T00-15P30
T00-15P35

SD523

Profondeur de perçage ~ 3 x D – Métrique/Pouces





–Attachement Seco-Capto™ C4
–Arrosage interne
–Pour le choix des plaquettes, voir page(s) 275-278
–Paramètres de coupe, voir page(s) 281-282
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-15-45-C4	03080920	15,0 *0.591*	45,0 *1.772*	50,0 *1.969*	82,0 *3.228*	40,0 *1.575*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-C4	03080921	15,5 *0.610*	47,0 *1.850*	52,0 *2.047*	84,0 *3.307*	40,0 *1.575*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-C4	03080922	16,0 *0.630*	48,0 *1.890*	53,0 *2.087*	86,0 *3.386*	40,0 *1.575*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-C4	03080923	16,5 *0.650*	50,0 *1.969*	55,0 *2.165*	88,0 *3.465*	40,0 *1.575*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-C4	03080925	17,0 *0.669*	51,0 *2.008*	56,0 *2.205*	89,0 *3.504*	40,0 *1.575*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-C4	03080926	17,5 *0.689*	53,0 *2.087*	58,0 *2.283*	92,0 *3.622*	40,0 *1.575*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-C4	03080927	18,0 *0.709*	54,0 *2.126*	59,0 *2.323*	93,0 *3.661*	40,0 *1.575*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-C4	03080928	18,5 *0.728*	56,0 *2.205*	61,0 *2.402*	95,0 *3.740*	40,0 *1.575*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-C4	03080929	19,0 *0.748*	57,0 *2.244*	62,0 *2.441*	96,0 *3.780*	40,0 *1.575*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-C4	03080930	20,0 *0.787*	60,0 *2.362*	65,0 *2.559*	101,0 *3.976*	40,0 *1.575*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.62-62-C4	03081006	20,62 *0.812*	62,0 *2.441*	67,0 *2.638*	103,0 *4.055*	40,0 *1.575*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD523-21-63-C4	03080931	21,0 *0.827*	63,0 *2.480*	68,0 *2.677*	104,0 *4.094*	40,0 *1.575*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-22-66-C4	03080932	22,0 *0.866*	66,0 *2.598*	71,0 *2.795*	107,0 *4.213*	40,0 *1.575*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD523-22.23-67-C4	03081008	22,23 *0.875*	67,0 *2.638*	72,0 *2.835*	108,0 *4.252*	40,0 *1.575*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD523-23-69-C4	03080933	23,0 *0.906*	69,0 *2.717*	74,0 *2.913*	111,0 *4.370*	40,0 *1.575*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-24-72-C4	03080934	24,0 *0.945*	72,0 *2.835*	77,0 *3.031*	115,0 *4.528*	40,0 *1.575*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-C4	03080935	25,0 *0.984*	75,0 *2.953*	80,0 *3.150*	119,0 *4.685*	40,0 *1.575*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.4-77-C4	03081009	25,4 *1.000*	77,0 *3.031*	82,0 *3.228*	121,0 *4.764*	40,0 *1.575*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-26-78-C4	03080936	26,0 *1.024*	78,0 *3.071*	83,0 *3.268*	122,0 *4.803*	40,0 *1.575*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-27-81-C4	03080937	27,0 *1.063*	81,0 *3.189*	86,0 *3.386*	125,0 *4.921*	40,0 *1.575*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-28-84-C4	03080938	28,0 *1.102*	84,0 *3.307*	89,0 *3.504*	129,0 *5.079*	40,0 *1.575*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.59-86-C4	03081010	28,59 *1.126*	86,0 *3.386*	91,0 *3.583*	131,0 *5.157*	40,0 *1.575*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-C4	03080939	29,0 *1.142*	87,0 *3.425*	92,0 *3.622*	132,0 *5.197*	40,0 *1.575*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-30-90-C4	03080940	30,0 *1.181*	90,0 *3.543*	95,0 *3.740*	135,0 *5.315*	40,0 *1.575*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
15,00-16,50	C02245-T07P	C02245-T07P	T07P-2
17,50	C02205-T07P	C02245-T07P	T07P-2
17,51	C02245-T07P	C02245-T07P	T07P-2
18,00-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-30,00	C03007-T09P	C03009-T09P	T09P-2

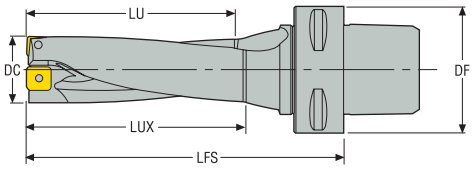
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
15,00-16,50	T00-07P09
17,50	T00-07P09
17,51	T00-07P09
18,00-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-30,00	T00-09P20

SD523

Profondeur de perçage ~ 3 x D – Métrique/Pouces





– Attachement Seco-Capto™ C5
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 281-282
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-15-45-C5	03080941	15,0 *0.591*	45,0 *1.772*	50,0 *1.969*	82,0 *3.228*	50,0 *1.969*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-C5	03080942	15,5 *0.610*	47,0 *1.850*	52,0 *2.047*	84,0 *3.307*	50,0 *1.969*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-C5	03080943	16,0 *0.630*	48,0 *1.890*	53,0 *2.087*	86,0 *3.386*	50,0 *1.969*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-C5	03080944	16,5 *0.650*	50,0 *1.969*	55,0 *2.165*	88,0 *3.465*	50,0 *1.969*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-C5	03080945	17,0 *0.669*	51,0 *2.008*	56,0 *2.205*	89,0 *3.504*	50,0 *1.969*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-C5	03080946	17,5 *0.689*	53,0 *2.087*	58,0 *2.283*	92,0 *3.622*	50,0 *1.969*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-C5	03080947	18,0 *0.709*	54,0 *2.126*	59,0 *2.323*	93,0 *3.661*	50,0 *1.969*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-C5	03080948	18,5 *0.728*	56,0 *2.205*	61,0 *2.402*	95,0 *3.740*	50,0 *1.969*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-C5	03080949	19,0 *0.748*	57,0 *2.244*	62,0 *2.441*	96,0 *3.780*	50,0 *1.969*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-C5	03080950	20,0 *0.787*	60,0 *2.362*	65,0 *2.559*	101,0 *3.976*	50,0 *1.969*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.62-62-C5	03081001	20,62 *0.812*	62,0 *2.441*	67,0 *2.638*	103,0 *4.055*	50,0 *1.969*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD523-21-63-C5	03080951	21,0 *0.827*	63,0 *2.480*	68,0 *2.677*	104,0 *4.094*	50,0 *1.969*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-22-66-C5	03080952	22,0 *0.866*	66,0 *2.598*	71,0 *2.795*	107,0 *4.213*	50,0 *1.969*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD523-22.23-67-C5	03081002	22,23 *0.875*	67,0 *2.638*	72,0 *2.835*	108,0 *4.252*	50,0 *1.969*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD523-23-69-C5	03080953	23,0 *0.906*	69,0 *2.717*	74,0 *2.913*	111,0 *4.370*	50,0 *1.969*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-24-72-C5	03080954	24,0 *0.945*	72,0 *2.835*	77,0 *3.031*	115,0 *4.528*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-C5	03080955	25,0 *0.984*	75,0 *2.953*	80,0 *3.150*	119,0 *4.685*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.4-77-C5	03081003	25,4 *1.000*	77,0 *3.031*	82,0 *3.228*	121,0 *4.764*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-26-78-C5	03080956	26,0 *1.024*	78,0 *3.071*	83,0 *3.268*	122,0 *4.803*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-27-81-C5	03080957	27,0 *1.063*	81,0 *3.189*	86,0 *3.386*	125,0 *4.921*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-28-84-C5	03080958	28,0 *1.102*	84,0 *3.307*	89,0 *3.504*	129,0 *5.079*	50,0 *1.969*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.59-86-C5	03081004	28,59 *1.126*	86,0 *3.386*	91,0 *3.583*	131,0 *5.157*	50,0 *1.969*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-C5	03080959	29,0 *1.142*	87,0 *3.425*	92,0 *3.622*	132,0 *5.197*	50,0 *1.969*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-30-90-C5	03080960	30,0 *1.181*	90,0 *3.543*	95,0 *3.740*	135,0 *5.315*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31-93-C5	03080961	31,0 *1.220*	93,0 *3.661*	98,0 *3.858*	138,0 *5.433*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-31.75-96-C5	03081005	31,75 *1.250*	96,0 *3.780*	101,0 *3.976*	142,0 *5.591*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,28 *0.011*
SD523-32-96-C5	03080962	32,0 *1.260*	96,0 *3.780*	101,0 *3.976*	142,0 *5.591*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-33-99-C5	03080963	33,0 *1.299*	99,0 *3.898*	104,0 *4.094*	145,0 *5.709*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-34-102-C5	03080964	34,0 *1.339*	102,0 *4.016*	107,0 *4.213*	148,0 *5.827*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-C5	03080965	35,0 *1.378*	105,0 *4.134*	110,0 *4.331*	151,0 *5.945*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-36-108-C5	03080966	36,0 *1.417*	108,0 *4.252*	113,0 *4.449*	154,0 *6.063*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-C5	03080967	37,0 *1.457*	111,0 *4.370*	116,0 *4.567*	157,0 *6.181*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-38-114-C5	03080968	38,0 *1.496*	114,0 *4.488*	119,0 *4.685*	160,0 *6.299*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-39-117-C5	03080969	39,0 *1.535*	117,0 *4.606*	122,0 *4.803*	163,0 *6.417*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD523-40-120-C5	03080970	40,0 *1.575*	120,0 *4.724*	125,0 *4.921*	166,0 *6.535*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

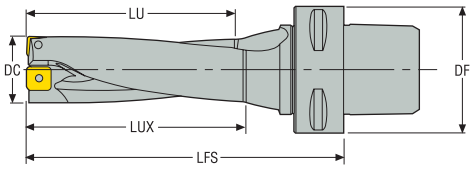
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
15,00-17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD523

Profondeur de perçage ~ 3 x D – Métrique/Pouces





– Attachement Seco-Capto™ C6
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 281-282
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-15-45-C6	03080971	15,0 *0.591*	45,0 *1.772*	50,0 *1.969*	84,0 *3.307*	63,0 *2.480*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-C6	03080972	15,5 *0.610*	47,0 *1.850*	52,0 *2.047*	86,0 *3.386*	63,0 *2.480*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-C6	03080973	16,0 *0.630*	48,0 *1.890*	53,0 *2.087*	88,0 *3.465*	63,0 *2.480*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-C6	03080974	16,5 *0.650*	50,0 *1.969*	55,0 *2.165*	90,0 *3.543*	63,0 *2.480*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-C6	03080975	17,0 *0.669*	51,0 *2.008*	56,0 *2.205*	91,0 *3.583*	63,0 *2.480*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-C6	03080976	17,5 *0.689*	53,0 *2.087*	58,0 *2.283*	94,0 *3.701*	63,0 *2.480*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-C6	03080977	18,0 *0.709*	54,0 *2.126*	59,0 *2.323*	95,0 *3.740*	63,0 *2.480*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-C6	03080978	18,5 *0.728*	56,0 *2.205*	61,0 *2.402*	97,0 *3.819*	63,0 *2.480*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-C6	03080979	19,0 *0.748*	57,0 *2.244*	62,0 *2.441*	98,0 *3.858*	63,0 *2.480*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-C6	03080980	20,0 *0.787*	60,0 *2.362*	65,0 *2.559*	103,0 *4.055*	63,0 *2.480*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.62-62-C6	03081011	20,62 *0.812*	62,0 *2.441*	67,0 *2.638*	105,0 *4.134*	63,0 *2.480*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD523-21-63-C6	03080981	21,0 *0.827*	63,0 *2.480*	68,0 *2.677*	106,0 *4.173*	63,0 *2.480*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-22-66-C6	03080982	22,0 *0.866*	66,0 *2.598*	71,0 *2.795*	109,0 *4.291*	63,0 *2.480*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD523-22.23-67-C6	03081012	22,23 *0.875*	67,0 *2.638*	72,0 *2.835*	110,0 *4.331*	63,0 *2.480*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD523-23-69-C6	03080983	23,0 *0.906*	69,0 *2.717*	74,0 *2.913*	113,0 *4.449*	63,0 *2.480*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-24-72-C6	03080984	24,0 *0.945*	72,0 *2.835*	77,0 *3.031*	117,0 *4.606*	63,0 *2.480*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-C6	03080985	25,0 *0.984*	75,0 *2.953*	80,0 *3.150*	121,0 *4.764*	63,0 *2.480*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.4-77-C6	03081013	25,4 *1.000*	77,0 *3.031*	82,0 *3.228*	123,0 *4.843*	63,0 *2.480*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-26-78-C6	03080986	26,0 *1.024*	78,0 *3.071*	83,0 *3.268*	124,0 *4.882*	63,0 *2.480*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-27-81-C6	03080987	27,0 *1.063*	81,0 *3.189*	86,0 *3.386*	127,0 *5.000*	63,0 *2.480*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-28-84-C6	03080988	28,0 *1.102*	84,0 *3.307*	89,0 *3.504*	131,0 *5.157*	63,0 *2.480*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.59-86-C6	03081014	28,59 *1.126*	86,0 *3.386*	91,0 *3.583*	133,0 *5.236*	63,0 *2.480*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-C6	03080989	29,0 *1.142*	87,0 *3.425*	92,0 *3.622*	134,0 *5.276*	63,0 *2.480*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-30-90-C6	03080990	30,0 *1.181*	90,0 *3.543*	95,0 *3.740*	137,0 *5.394*	63,0 *2.480*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31-93-C6	03080991	31,0 *1.220*	93,0 *3.661*	98,0 *3.858*	140,0 *5.512*	63,0 *2.480*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette		Ajustement radial	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique	mm - *Pouces -*	mm + *Pouces +*
SD523-31.75-96-C6	03081015	31,75 *1.250*	96,0 *3.780*	101,0 *3.976*	144,0 *5.669*	63,0 *2.480*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,28 *0.011*
SD523-32-96-C6	03080992	32,0 *1.260*	96,0 *3.780*	101,0 *3.976*	144,0 *5.669*	63,0 *2.480*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-33-99-C6	03080993	33,0 *1.299*	99,0 *3.898*	104,0 *4.094*	147,0 *5.787*	63,0 *2.480*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-34-102-C6	03080994	34,0 *1.339*	102,0 *4.016*	107,0 *4.213*	150,0 *5.906*	63,0 *2.480*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-C6	03080995	35,0 *1.378*	105,0 *4.134*	110,0 *4.331*	153,0 *6.024*	63,0 *2.480*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-36-108-C6	03080996	36,0 *1.417*	108,0 *4.252*	113,0 *4.449*	156,0 *6.142*	63,0 *2.480*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-C6	03080997	37,0 *1.457*	111,0 *4.370*	116,0 *4.567*	159,0 *6.260*	63,0 *2.480*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-38-114-C6	03080998	38,0 *1.496*	114,0 *4.488*	119,0 *4.685*	162,0 *6.378*	63,0 *2.480*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-39-117-C6	03080999	39,0 *1.535*	117,0 *4.606*	122,0 *4.803*	165,0 *6.496*	63,0 *2.480*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD523-40-120-C6	03081000	40,0 *1.575*	120,0 *4.724*	125,0 *4.921*	168,0 *6.614*	63,0 *2.480*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
15,50-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

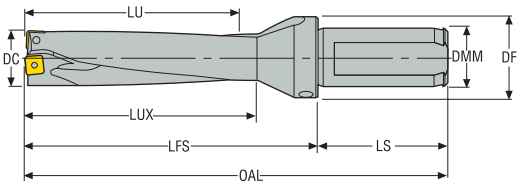
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
15,50-17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,00	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD524

Profondeur de perçage ~ 4 x D – Métrique/Pouces





– Attachement ISO 9766, -7
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 283, 284
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-17-68-25R7	03080330	17,0 *0.669*	68,0 *2.677*	154,0 *6.063*	73,0 *2.874*	98,0 *3.858*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204
SD524-17.5-70-25R7	03080326	17,5 *0.689*	70,0 *2.756*	156,0 *6.142*	75,0 *2.953*	100,0 *3.937*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD524-18-72-25R7	03080333	18,0 *0.709*	72,0 *2.835*	158,0 *6.220*	77,0 *3.031*	102,0 *4.016*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD524-18.5-74-25R7	03080331	18,5 *0.728*	74,0 *2.913*	160,0 *6.299*	79,0 *3.110*	104,0 *4.094*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD524-19-76-25R7	03080336	19,0 *0.748*	76,0 *2.992*	162,0 *6.378*	81,0 *3.189*	106,0 *4.173*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD524-20-80-25R7	03080340	20,0 *0.787*	80,0 *3.150*	166,0 *6.535*	85,0 *3.346*	110,0 *4.331*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204
SD524-21-84-25R7	03080344	21,0 *0.827*	84,0 *3.307*	170,0 *6.693*	89,0 *3.504*	114,0 *4.488*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204
SD524-22-88-25R7	03080348	22,0 *0.866*	88,0 *3.465*	174,0 *6.850*	93,0 *3.661*	118,0 *4.646*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204
SD524-23-92-25R7	03080351	23,0 *0.906*	92,0 *3.622*	178,0 *7.008*	97,0 *3.819*	122,0 *4.803*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308
SD524-24-96-25R7	03080352	24,0 *0.945*	96,0 *3.780*	182,0 *7.165*	101,0 *3.976*	126,0 *4.961*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308
SD524-25-100-32R7	03080353	25,0 *0.984*	100,0 *3.937*	190,0 *7.480*	105,0 *4.134*	130,0 *5.118*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0703	SCGX070308
SD524-26-104-32R7	03080354	26,0 *1.024*	104,0 *4.094*	194,0 *7.638*	109,0 *4.291*	134,0 *5.276*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD524-27-108-32R7	03080355	27,0 *1.063*	108,0 *4.252*	198,0 *7.795*	113,0 *4.449*	138,0 *5.433*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD524-28-112-32R7	03080356	28,0 *1.102*	112,0 *4.409*	202,0 *7.953*	117,0 *4.606*	142,0 *5.591*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD524-29-116-32R7	03080357	29,0 *1.142*	116,0 *4.567*	206,0 *8.110*	121,0 *4.764*	146,0 *5.748*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD524-30-120-32R7	03080358	30,0 *1.181*	120,0 *4.724*	210,0 *8.268*	125,0 *4.921*	150,0 *5.906*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD524-31-124-32R7	03080360	31,0 *1.220*	124,0 *4.882*	214,0 *8.425*	129,0 *5.079*	154,0 *6.063*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD524-32-128-40R7	03080361	32,0 *1.260*	128,0 *5.039*	226,0 *8.898*	133,0 *5.236*	158,0 *6.220*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-33-132-40R7	03080362	33,0 *1.299*	132,0 *5.197*	230,0 *9.055*	137,0 *5.394*	162,0 *6.378*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-34-136-40R7	03080363	34,0 *1.339*	136,0 *5.354*	234,0 *9.213*	141,0 *5.551*	166,0 *6.535*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-35-140-40R7	03080364	35,0 *1.378*	140,0 *5.512*	238,0 *9.370*	145,0 *5.709*	170,0 *6.693*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-36-144-40R7	03080365	36,0 *1.417*	144,0 *5.669*	242,0 *9.528*	149,0 *5.866*	174,0 *6.850*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-37-148-40R7	03080366	37,0 *1.457*	148,0 *5.827*	246,0 *9.685*	153,0 *6.024*	178,0 *7.008*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-38-152-40R7	03080367	38,0 *1.496*	152,0 *5.984*	250,0 *9.843*	157,0 *6.181*	182,0 *7.165*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-39-156-40R7	03080368	39,0 *1.535*	156,0 *6.142*	254,0 *10.000*	161,0 *6.339*	186,0 *7.323*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-40-160-40R7	03080369	40,0 *1.575*	160,0 *6.299*	258,0 *10.157*	165,0 *6.496*	190,0 *7.480*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-41-164-40R7	03080370	41,0 *1.614*	164,0 *6.457*	262,0 *10.315*	169,0 *6.654*	194,0 *7.638*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD524-42-168-40R7	03080371	42,0 *1.654*	168,0 *6.614*	266,0 *10.472*	173,0 *6.811*	198,0 *7.795*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD524-43-172-40R7	03080372	43,0 *1.693*	172,0 *6.772*	270,0 *10.630*	177,0 *6.969*	202,0 *7.953*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD524-44-176-40R7	03080373	44,0 *1.732*	176,0 *6.929*	274,0 *10.787*	181,0 *7.126*	206,0 *8.110*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX120408
SD524-45-180-40R7	03080374	45,0 *1.772*	180,0 *7.087*	278,0 *10.945*	185,0 *7.283*	210,0 *8.268*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512
SD524-46-184-40R7	03080375	46,0 *1.811*	184,0 *7.244*	282,0 *11.102*	189,0 *7.441*	214,0 *8.425*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512
SD524-47-188-40R7	03080376	47,0 *1.850*	188,0 *7.402*	286,0 *11.260*	193,0 *7.598*	218,0 *8.583*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512
SD524-48-192-40R7	03080377	48,0 *1.890*	192,0 *7.559*	290,0 *11.417*	197,0 *7.756*	222,0 *8.740*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512
SD524-49-196-40R7	03080378	49,0 *1.929*	196,0 *7.717*	294,0 *11.575*	201,0 *7.913*	226,0 *8.898*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512
SD524-50-200-40R7	03080379	50,0 *1.969*	200,0 *7.874*	298,0 *11.732*	205,0 *8.071*	230,0 *9.055*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512
SD524-51-204-40R7	03080380	51,0 *2.008*	204,0 *8.031*	302,0 *11.890*	209,0 *8.228*	234,0 *9.213*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512
SD524-52-208-40R7	03080381	52,0 *2.047*	208,0 *8.189*	306,0 *12.047*	213,0 *8.386*	238,0 *9.370*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-53-212-40R7	03080382	53,0 *2.087*	212,0 *8.346*	310,0 *12.205*	217,0 *8.543*	242,0 *9.528*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-54-216-40R7	03080383	54,0 *2.126*	216,0 *8.504*	314,0 *12.362*	221,0 *8.701*	246,0 *9.685*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-55-220-40R7	03080384	55,0 *2.165*	220,0 *8.661*	318,0 *12.520*	225,0 *8.858*	250,0 *9.843*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-56-224-40R7	03080385	56,0 *2.205*	224,0 *8.819*	322,0 *12.677*	229,0 *9.016*	254,0 *10.000*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-57-228-40R7	03080386	57,0 *2.244*	228,0 *8.976*	326,0 *12.835*	233,0 *9.173*	258,0 *10.157*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-58-232-40R7	03080387	58,0 *2.283*	232,0 *9.134*	330,0 *12.992*	237,0 *9.331*	262,0 *10.315*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512
SD524-59-236-40R7	03080388	59,0 *2.323*	236,0 *9.291*	334,0 *13.150*	241,0 *9.488*	266,0 *10.472*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,76	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
29,00-31,00	C03007-T09P	C03009-T09P	T09P-2
32,00-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-43,00	C03508-T15P	C05012-T15P	T15P-2D
44,00-59,00	C04011-T15P	C05012-T15P	T15P-2D

Accessoires

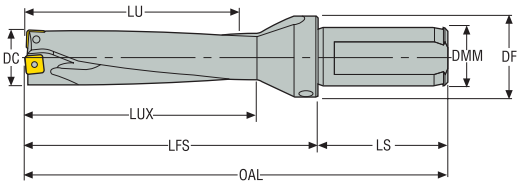
Clé dynamométrique

T00-07P09
T00-07P09
T00-07P09
T00-08P12
T00-08P12
T00-09P20
T00-09P20
T00-15P30
T00-15P30
T00-15P35

SD524

Profondeur de perçage ~ 4 x D – Pouces





—Attachement ISO 9766, R7
—Arrosage interne
—Pour le choix des plaquettes, voir page(s) 275-278
—Paramètres de coupe, voir page(s) 283, 284
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique
SD524-0594-238-1000R7	03080280	0.594	2.380	5.811	2.577	3.561	2.250	1.000	1.378	SPGX0502	SCGX050204
SD524-0625-250-1000R7	03080281	0.625	2.500	5.931	2.697	3.681	2.250	1.000	1.378	SPGX0502	SCGX050204
SD524-0656-262-1000R7	03080283	0.656	2.620	6.051	2.817	3.801	2.250	1.000	1.378	SPGX0502	SCGX050204
SD524-0687-275-1000R7	03080285	0.687	2.750	6.181	2.947	3.931	2.250	1.000	1.378	SPGX0502	SCGX050204
SD524-0709-284-1000R7	03080286	0.709	2.840	6.271	3.037	4.021	2.250	1.000	1.378	SPGX0602	SCGX050204
SD524-0750-300-1000R7	03080288	0.750	3.000	6.431	3.197	4.181	2.250	1.000	1.378	SPGX0602	SCGX050204
SD524-0766-306-1000R7	03080289	0.766	3.060	6.491	3.257	4.241	2.250	1.000	1.378	SPGX0602	SCGX050204
SD524-0787-315-1000R7	03080290	0.787	3.150	6.581	3.347	4.331	2.250	1.000	1.378	SPGX0602	SCGX060204
SD524-0812-325-1000R7	03080292	0.812	3.250	6.681	3.447	4.431	2.250	1.000	1.378	SPGX0602	SCGX060204
SD524-0827-331-1000R7	03080294	0.827	3.310	6.741	3.507	4.491	2.250	1.000	1.378	SPGX0602	SCGX060204
SD524-0875-350-1000R7	03080295	0.875	3.500	6.931	3.697	4.681	2.250	1.000	1.378	SPGX0703	SCGX060204
SD524-0906-362-1000R7	03080297	0.906	3.620	7.051	3.817	4.801	2.250	1.000	1.378	SPGX0703	SCGX070308
SD524-0922-369-1000R7	03080298	0.922	3.690	7.121	3.887	4.871	2.250	1.000	1.378	SPGX0703	SCGX070308
SD524-0937-375-1000R7	03080299	0.937	3.750	7.181	3.947	4.931	2.250	1.000	1.378	SPGX0703	SCGX070308
SD524-0984-394-1250R7	03080301	0.984	3.940	7.496	4.137	5.121	2.375	1.250	1.654	SPGX0703	SCGX070308
SD524-1000-400-1250R7	03080302	1.000	4.000	7.556	4.197	5.181	2.375	1.250	1.654	SPGX0703	SCGX070308
SD524-1032-413-1250R7	03080304	1.032	4.130	7.686	4.327	5.311	2.375	1.250	1.654	SPGX0903	SCGX070308
SD524-1062-425-1250R7	03080305	1.062	4.250	7.806	4.447	5.431	2.375	1.250	1.654	SPGX0903	SCGX070308
SD524-1109-443-1250R7	03080307	1.109	4.430	7.986	4.627	5.611	2.375	1.250	1.654	SPGX0903	SCGX070308
SD524-1125-450-1250R7	03080308	1.125	4.500	8.056	4.697	5.681	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD524-1172-469-1250R7	03080310	1.172	4.690	8.246	4.887	5.871	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD524-1187-475-1250R7	03080311	1.187	4.750	8.306	4.947	5.931	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD524-1250-500-1500R7	03080314	1.250	5.000	8.806	5.197	6.181	2.625	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1312-525-1500R7	03080315	1.312	5.250	9.056	5.447	6.431	2.625	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1344-538-1500R7	03080317	1.344	5.380	9.186	5.577	6.561	2.625	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1375-550-1500R7	03080318	1.375	5.500	9.306	5.697	6.681	2.625	1.500	1.969	SPGX11T3	SCGX11T308
SD524-1437-575-1500R7	03080320	1.437	5.750	9.556	5.947	6.931	2.625	1.500	1.969	SPGX11T3	SCGX11T308
SD524-1500-600-1500R7	03080322	1.500	6.000	9.806	6.197	7.181	2.625	1.500	1.969	SPGX12T3	SCGX11T308
SD524-1562-625-1500R7	03080323	1.562	6.250	10.056	6.447	7.431	2.625	1.500	1.969	SPGX12T3	SCGX11T308
SD524-1625-650-1500R7	03080324	1.625	6.500	10.306	6.697	7.681	2.625	1.500	1.969	SPGX12T3	SCGX120408
SD524-1687-675-1500R7	03080325	1.687	6.750	10.556	6.947	7.931	2.625	1.500	1.969	SPGX12T3	SCGX120408
SD524-1750-700-1500R7	03080328	1.750	7.000	10.806	7.197	8.181	2.625	1.500	1.969	SPGX1504	SCGX120408
SD524-1812-725-1500R7	03080332	1.812	7.250	11.056	7.447	8.431	2.625	1.500	1.969	SPGX1504	SCGX150512
SD524-1875-750-1500R7	03080334	1.875	7.500	11.306	7.697	8.681	2.625	1.500	1.969	SPGX1504	SCGX150512
SD524-1937-775-1500R7	03080335	1.937	7.750	11.556	7.947	8.931	2.625	1.500	2.337	SPGX1504	SCGX150512
SD524-2000-800-1500R7	03080337	2.000	8.000	11.806	8.197	9.181	2.625	1.500	2.337	SPGX1504	SCGX150512
SD524-2062-825-1500R7	03080339	2.062	8.250	12.056	8.447	9.431	2.625	1.500	2.337	SPGX1904	SCGX150512
SD524-2125-850-1500R7	03080342	2.125	8.500	12.306	8.697	9.681	2.625	1.500	2.337	SPGX1904	SCGX150512

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique
SD524-2250-900-1500R7	03080346	2.250	9.000	12.806	9.197	10.181	2.625	1.500	2.337	SPGX1904	SCGX150512
SD524-2375-950-1500R7	03080349	2.375	9.500	13.306	9.697	10.681	2.625	1.500	2.480	SPGX1904	SCGX150512

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Vis de serrage	Vis de plaquette périphérique	Clé
			
0.594-0.687	C02245-T07P	C02245-T07P	T07P-2
0.709-0.766	C02205-T07P	C02245-T07P	T07P-2
0.787-0.827	C02205-T07P	C02205-T07P	T07P-2
0.875-0.905	C02506-T08P	C02506-T08P	T08P-2
0.906-1.000	C02507-T08P	C03007-T08P	T08P-2
1.032-1.109	C03007-T09P	C03007-T09P	T09P-2
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2
1.250-1.562	C03508-T15P	C03508-T15P	T15P-2D
1.625-1.687	C03508-T15P	C05012-T15P	T15P-2D
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D

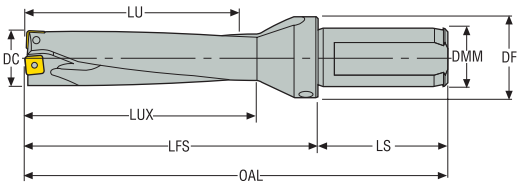
Accessoires

Pour dia. de foret (pouce)	Clé dynamométrique
	
0.594-0.687	T00-07P09
0.709-0.766	T00-07P09
0.787-0.827	T00-07P09
0.875-0.905	T00-08P12
0.906-1.000	T00-08P12
1.032-1.109	T00-09P20
1.125-1.187	T00-09P20
1.250-1.562	T00-15P30
1.625-1.687	T00-15P30
1.750-2.375	T00-15P35

SD524

Profondeur de perçage ~ 4 x D – Pouces





- Attachement ISO 9766, R7-C
- Arrosage interne
- Pour le choix des plaquettes, voir page(s) 275-278
- Paramètres de coupe, voir page(s) 283, 284
- Diamètres intermédiaires voir le logiciel "MyDesign".
- Compatible applications statiques

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique
SD524-0625-250-1000R7-C	03080282	0.625	2.500	6.628	2.697	3.878	2.750	1.000	1.378	SPGX0502	SCGX050204
SD524-0687-275-1000R7-C	03080284	0.687	2.750	6.878	2.947	4.128	2.750	1.000	1.378	SCGX0502	SCGX050204
SD524-0750-300-1000R7-C	03080287	0.750	3.000	7.128	3.197	4.378	2.750	1.000	1.378	SPGX0602	SCGX050204
SD524-0812-325-1000R7-C	03080293	0.812	3.250	7.378	3.447	4.628	2.750	1.000	1.378	SPGX0602	SCGX060204
SD524-0875-350-1000R7-C	03080296	0.875	3.500	7.628	3.697	4.878	2.750	1.000	1.378	SPGX0703	SCGX060204
SD524-0937-375-1000R7-C	03080300	0.937	3.750	7.878	3.947	5.128	2.750	1.000	1.378	SPGX0703	SCGX070308
SD524-1000-400-1250R7-C	03080303	1.000	4.000	8.128	4.197	5.378	2.750	1.250	1.654	SPGX0703	SCGX070308
SD524-1062-425-1250R7-C	03080306	1.062	4.250	8.378	4.447	5.628	2.750	1.250	1.654	SPGX0903	SCGX070308
SD524-1125-450-1250R7-C	03080309	1.125	4.500	8.628	4.697	5.878	2.750	1.250	1.654	SPGX0903	SCGX09T308
SD524-1187-475-1250R7-C	03080312	1.187	4.750	8.878	4.947	6.128	2.750	1.250	1.654	SPGX0903	SCGX09T308
SD524-1250-500-1500R7-C	03080313	1.250	5.000	9.128	5.197	6.378	2.750	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1312-525-1500R7-C	03080316	1.312	5.250	9.378	5.447	6.628	2.750	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1375-550-1500R7-C	03080319	1.375	5.500	9.628	5.697	6.878	2.750	1.500	1.969	SPGX11T3	SCGX11T308
SD524-1500-600-1500R7-C	03080321	1.500	6.000	10.128	6.197	7.378	2.750	1.500	1.969	SPGX12T3	SCGX11T308
SD524-1750-700-1500R7-C	03080329	1.750	7.000	11.128	7.197	8.378	2.750	1.500	1.969	SPGX1504	SCGX120408
SD524-2000-800-1500R7-C	03080338	2.000	8.000	12.128	8.197	9.378	2.750	1.500	2.337	SPGX1504	SCGX150512
SD524-2125-850-1500R7-C	03080343	2.125	8.500	12.628	8.697	9.878	2.750	1.500	2.337	SPGX1904	SCGX150512
SD524-2250-900-1500R7-C	03080347	2.250	9.000	13.128	9.197	10.378	2.750	1.500	2.337	SPGX1904	SCGX150512
SD524-2375-950-1500R7-C	03080350	2.375	9.500	13.628	9.697	10.878	2.750	1.500	2.480	SPGX1904	SCGX150512

Pièces détachées, pièces incluses lors de la livraison

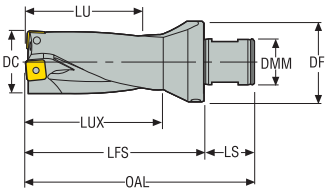
Accessoires

Pour dia. de foret (pouce)	Vis de serrage	Vis de plaquette périphérique	Clé	Bouchon	Adaptateur de tuyau	Clé dynamométrique
						
0.625-0.687	C02245-T07P	C02245-T07P	T07P-2	R1/4	1310	T00-07P09
0.750	C02205-T07P	C02245-T07P	T07P-2	R1/4	1310	T00-07P09
0.812	C02205-T07P	C02205-T07P	T07P-2	R1/4	1310	T00-07P09
0.875	C02506-T08P	C02506-T08P	T08P-2	R1/4	1310	T00-08P12
0.937-1.000	C02507-T08P	C03007-T08P	T08P-2	R1/4	1310	T00-08P12
1.062	C03007-T09P	C03007-T09P	T09P-2	R1/4	1310	T00-09P20
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2	R1/4	1310	T00-09P20
1.250-1.500	C03508-T15P	C03508-T15P	T15P-2D	R1/4	1310	T00-15P30
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D	R1/4	1310	T00-15P35

SD524

Profondeur de perçage ~ 4 x D – Métrique/Pouces





–Attachement compatible ABS 50, -2
–Arrosage interne
–Pour le choix des plaquettes, voir page(s) 275-278
–Paramètres de coupe, voir page(s) 283, 284
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-17-68-50R2	03080208	17,0 *0.669*	68,0 *2.677*	129,0 *5.079*	73,0 *2.874*	98,0 *3.858*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204
SD524-17.5-70-50R2	03080327	17,5 *0.689*	70,0 *2.756*	131,0 *5.157*	75,0 *2.953*	100,0 *3.937*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-18-72-50R2	03080209	18,0 *0.709*	72,0 *2.835*	133,0 *5.236*	77,0 *3.031*	102,0 *4.016*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-18.5-74-50R2	03080210	18,5 *0.728*	74,0 *2.913*	135,0 *5.315*	79,0 *3.110*	104,0 *4.094*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-19-76-50R2	03080422	19,0 *0.748*	76,0 *2.992*	137,0 *5.394*	81,0 *3.189*	106,0 *4.173*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-20-80-50R2	03080341	20,0 *0.787*	80,0 *3.150*	141,0 *5.551*	85,0 *3.346*	110,0 *4.331*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-20.62-83-50R2	03080215	20,62 *0.812*	83,0 *3.268*	144,0 *5.669*	88,0 *3.465*	113,0 *4.449*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-21-84-50R2	03080345	21,0 *0.827*	84,0 *3.307*	145,0 *5.709*	89,0 *3.504*	114,0 *4.488*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-22-88-50R2	03080193	22,0 *0.866*	88,0 *3.465*	149,0 *5.866*	93,0 *3.661*	118,0 *4.646*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204
SD524-22.23-89-50R2	03080216	22,23 *0.875*	89,0 *3.504*	150,0 *5.906*	94,0 *3.701*	119,0 *4.685*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204
SD524-23-92-50R2	03080194	23,0 *0.906*	92,0 *3.622*	153,0 *6.024*	97,0 *3.819*	122,0 *4.803*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-24-96-50R2	03080195	24,0 *0.945*	96,0 *3.780*	157,0 *6.181*	101,0 *3.976*	126,0 *4.961*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-25-100-50R2	03080196	25,0 *0.984*	100,0 *3.937*	161,0 *6.339*	105,0 *4.134*	130,0 *5.118*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-25.4-102-50R2	03080217	25,4 *1.000*	102,0 *4.016*	163,0 *6.417*	107,0 *4.213*	132,0 *5.197*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-26-104-50R2	03080423	26,0 *1.024*	104,0 *4.094*	165,0 *6.496*	109,0 *4.291*	134,0 *5.276*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-27-108-50R2	03080197	27,0 *1.063*	108,0 *4.252*	169,0 *6.654*	113,0 *4.449*	138,0 *5.433*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-28-112-50R2	03080424	28,0 *1.102*	112,0 *4.409*	173,0 *6.811*	117,0 *4.606*	142,0 *5.591*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-28.59-115-50R2	03080218	28,59 *1.126*	115,0 *4.528*	176,0 *6.929*	120,0 *4.724*	145,0 *5.709*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-29-116-50R2	03080198	29,0 *1.142*	116,0 *4.567*	177,0 *6.969*	121,0 *4.764*	146,0 *5.748*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-30-120-50R2	03080199	30,0 *1.181*	120,0 *4.724*	181,0 *7.126*	125,0 *4.921*	150,0 *5.906*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-31-124-50R2	03080200	31,0 *1.220*	124,0 *4.882*	185,0 *7.283*	129,0 *5.079*	154,0 *6.063*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-31.75-127-50R2	03080359	31,75 *1.250*	127,0 *5.000*	188,0 *7.402*	132,0 *5.197*	157,0 *6.181*	31,0 *1.220*	50,0 *1.969*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-32-128-50R2	03080425	32,0 *1.260*	128,0 *5.039*	189,0 *7.441*	133,0 *5.236*	158,0 *6.220*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-33-132-50R2	03080201	33,0 *1.299*	132,0 *5.197*	193,0 *7.598*	137,0 *5.394*	162,0 *6.378*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-34-136-50R2	03080207	34,0 *1.339*	136,0 *5.354*	197,0 *7.756*	141,0 *5.551*	166,0 *6.535*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-35-140-50R2	03080202	35,0 *1.378*	140,0 *5.512*	201,0 *7.913*	145,0 *5.709*	170,0 *6.693*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-36-144-50R2	03080203	36,0 *1.417*	144,0 *5.669*	205,0 *8.071*	149,0 *5.866*	174,0 *6.850*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-37-148-50R2	03080204	37,0 *1.457*	148,0 *5.827*	209,0 *8.228*	153,0 *6.024*	178,0 *7.008*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-38-152-50R2	03080426	38,0 *1.496*	152,0 *5.984*	213,0 *8.386*	157,0 *6.181*	182,0 *7.165*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-39-156-50R2	03080205	39,0 *1.535*	156,0 *6.142*	217,0 *8.543*	161,0 *6.339*	186,0 *7.323*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-40-160-50R2	03080206	40,0 *1.575*	160,0 *6.299*	221,0 *8.701*	165,0 *6.496*	190,0 *7.480*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

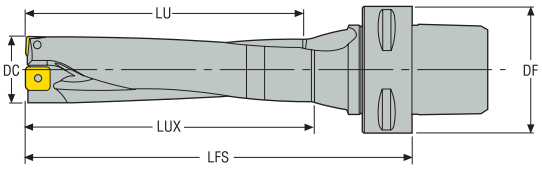
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD524

Profondeur de perçage ~ 4 x D – Métrique/Pouces





–Attachement Seco-Capto™ C4
–Arrosage interne
–Pour le choix des plaquettes, voir page(s) 275-278
–Paramètres de coupe, voir page(s) 283, 284
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-17-68-C4	03080219	17,0 *0.669*	68,0 *2.677*	73,0 *2.874*	106,0 *4.173*	40,0 *1.575*	SPGX0502	SCGX050204
SD524-17.5-70-C4	03080220	17,5 *0.689*	70,0 *2.756*	75,0 *2.953*	109,0 *4.291*	40,0 *1.575*	SPGX0602	SCGX050204
SD524-18-72-C4	03080221	18,0 *0.709*	72,0 *2.835*	77,0 *3.031*	111,0 *4.370*	40,0 *1.575*	SPGX0602	SCGX050204
SD524-18.5-74-C4	03080222	18,5 *0.728*	74,0 *2.913*	79,0 *3.110*	113,0 *4.449*	40,0 *1.575*	SPGX0602	SCGX050204
SD524-19-76-C4	03080223	19,0 *0.748*	76,0 *2.992*	81,0 *3.189*	115,0 *4.528*	40,0 *1.575*	SPGX0602	SCGX050204
SD524-20-80-C4	03080224	20,0 *0.787*	80,0 *3.150*	85,0 *3.346*	121,0 *4.764*	40,0 *1.575*	SPGX0602	SCGX060204
SD524-20.62-83-C4	03080413	20,62 *0.812*	83,0 *3.268*	88,0 *3.465*	124,0 *4.882*	40,0 *1.575*	SPGX0602	SCGX060204
SD524-21-84-C4	03080225	21,0 *0.827*	84,0 *3.307*	89,0 *3.504*	125,0 *4.921*	40,0 *1.575*	SPGX0602	SCGX060204
SD524-22-88-C4	03080226	22,0 *0.866*	88,0 *3.465*	93,0 *3.661*	129,0 *5.079*	40,0 *1.575*	SPGX0703	SCGX060204
SD524-22.23-89-C4	03080414	22,23 *0.875*	89,0 *3.504*	94,0 *3.701*	130,0 *5.118*	40,0 *1.575*	SPGX0703	SCGX060204
SD524-23-92-C4	03080227	23,0 *0.906*	92,0 *3.622*	97,0 *3.819*	134,0 *5.276*	40,0 *1.575*	SPGX0703	SCGX070308
SD524-24-96-C4	03080228	24,0 *0.945*	96,0 *3.780*	101,0 *3.976*	139,0 *5.472*	40,0 *1.575*	SPGX0703	SCGX070308
SD524-25-100-C4	03080229	25,0 *0.984*	100,0 *3.937*	105,0 *4.134*	144,0 *5.669*	40,0 *1.575*	SPGX0703	SCGX070308
SD524-25.4-102-C4	03080415	25,4 *1.000*	102,0 *4.016*	107,0 *4.213*	146,0 *5.748*	40,0 *1.575*	SPGX0703	SCGX070308
SD524-26-104-C4	03080230	26,0 *1.024*	104,0 *4.094*	109,0 *4.291*	148,0 *5.827*	40,0 *1.575*	SPGX0903	SCGX070308
SD524-27-108-C4	03080231	27,0 *1.063*	108,0 *4.252*	113,0 *4.449*	152,0 *5.984*	40,0 *1.575*	SPGX0903	SCGX070308
SD524-28-112-C4	03080232	28,0 *1.102*	112,0 *4.409*	117,0 *4.606*	157,0 *6.181*	40,0 *1.575*	SPGX0903	SCGX070308
SD524-28.59-115-C4	03080416	28,59 *1.126*	115,0 *4.528*	120,0 *4.724*	160,0 *6.299*	40,0 *1.575*	SPGX0903	SCGX070308
SD524-29-116-C4	03080233	29,0 *1.142*	116,0 *4.567*	121,0 *4.764*	161,0 *6.339*	40,0 *1.575*	SPGX0903	SCGX09T308
SD524-30-120-C4	03080234	30,0 *1.181*	120,0 *4.724*	125,0 *4.921*	165,0 *6.496*	40,0 *1.575*	SPGX0903	SCGX09T308

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-30,00	C03007-T09P	C03009-T09P	T09P-2

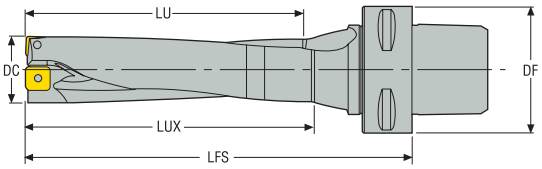
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-30,00	T00-09P20

SD524

Profondeur de perçage ~ 4 x D – Métrique/Pouces





–Attachement Seco-Capto™ C5
–Arrosage interne
–Pour le choix des plaquettes, voir page(s) 275-278
–Paramètres de coupe, voir page(s) 283, 284
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-17-68-C5	03080235	17,0 *0.669*	68,0 *2.677*	73,0 *2.874*	106,0 *4.173*	50,0 *1.969*	SPGX0502	SCGX050204
SD524-17.5-70-C5	03080237	17,5 *0.689*	70,0 *2.756*	75,0 *2.953*	109,0 *4.291*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-18-72-C5	03080238	18,0 *0.709*	72,0 *2.835*	77,0 *3.031*	111,0 *4.370*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-18.5-74-C5	03080239	18,5 *0.728*	74,0 *2.913*	79,0 *3.110*	113,0 *4.449*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-19-76-C5	03080240	19,0 *0.748*	76,0 *2.992*	81,0 *3.189*	115,0 *4.528*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-20-80-C5	03080241	20,0 *0.787*	80,0 *3.150*	85,0 *3.346*	121,0 *4.764*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-20.62-83-C5	03080408	20,62 *0.812*	83,0 *3.268*	88,0 *3.465*	124,0 *4.882*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-21-84-C5	03080242	21,0 *0.827*	84,0 *3.307*	89,0 *3.504*	125,0 *4.921*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-22-88-C5	03080243	22,0 *0.866*	88,0 *3.465*	93,0 *3.661*	129,0 *5.079*	50,0 *1.969*	SPGX0703	SCGX060204
SD524-22.23-89-C5	03080409	22,23 *0.875*	89,0 *3.504*	94,0 *3.701*	130,0 *5.118*	50,0 *1.969*	SPGX0703	SCGX060204
SD524-23-92-C5	03080244	23,0 *0.906*	92,0 *3.622*	97,0 *3.819*	134,0 *5.276*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-24-96-C5	03080245	24,0 *0.945*	96,0 *3.780*	101,0 *3.976*	139,0 *5.472*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-25-100-C5	03080246	25,0 *0.984*	100,0 *3.937*	105,0 *4.134*	144,0 *5.669*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-25.4-102-C5	03080410	25,4 *1.000*	102,0 *4.016*	107,0 *4.213*	146,0 *5.748*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-26-104-C5	03080247	26,0 *1.024*	104,0 *4.094*	109,0 *4.291*	148,0 *5.827*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-27-108-C5	03080248	27,0 *1.063*	108,0 *4.252*	113,0 *4.449*	152,0 *5.984*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-28-112-C5	03080249	28,0 *1.102*	112,0 *4.409*	117,0 *4.606*	157,0 *6.181*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-28.59-115-C5	03080411	28,59 *1.126*	115,0 *4.528*	120,0 *4.724*	160,0 *6.299*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-29-116-C5	03080250	29,0 *1.142*	116,0 *4.567*	121,0 *4.764*	161,0 *6.339*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-30-120-C5	03080251	30,0 *1.181*	120,0 *4.724*	125,0 *4.921*	165,0 *6.496*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-31-124-C5	03080252	31,0 *1.220*	124,0 *4.882*	129,0 *5.079*	169,0 *6.654*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-31.75-127-C5	03080412	31,75 *1.250*	127,0 *5.000*	132,0 *5.197*	173,0 *6.811*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-32-128-C5	03080253	32,0 *1.260*	128,0 *5.039*	133,0 *5.236*	174,0 *6.850*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-33-132-C5	03080254	33,0 *1.299*	132,0 *5.197*	137,0 *5.394*	178,0 *7.008*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-34-136-C5	03080255	34,0 *1.339*	136,0 *5.354*	141,0 *5.551*	182,0 *7.165*	50,0 *1.969*	SPGX11T3	SCGX09T308

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-35-140-C5	03080256	35,0 *1.378*	140,0 *5.512*	145,0 *5.709*	186,0 *7.323*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-36-144-C5	03080257	36,0 *1.417*	144,0 *5.669*	149,0 *5.866*	190,0 *7.480*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-37-148-C5	03080258	37,0 *1.457*	148,0 *5.827*	153,0 *6.024*	194,0 *7.638*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-38-152-C5	03080259	38,0 *1.496*	152,0 *5.984*	157,0 *6.181*	198,0 *7.795*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-39-156-C5	03080260	39,0 *1.535*	156,0 *6.142*	161,0 *6.339*	202,0 *7.953*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-40-160-C5	03080261	40,0 *1.575*	160,0 *6.299*	165,0 *6.496*	206,0 *8.110*	50,0 *1.969*	SPGX12T3	SCGX11T308

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

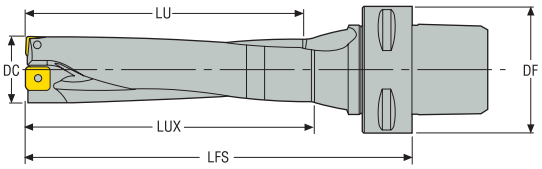
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD524

Profondeur de perçage ~ 4 x D – Métrique/Pouces





–Attachement Seco-Capto™ C6
–Arrosage interne
–Pour le choix des plaquettes, voir page(s) 275-278
–Paramètres de coupe, voir page(s) 283, 284
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-17-68-C6	03080262	17,0 *0.669*	68,0 *2.677*	73,0 *2.874*	108,0 *4.252*	63,0 *2.480*	SPGX0502	SCGX050204
SD524-17.5-70-C6	03080263	17,5 *0.689*	70,0 *2.756*	75,0 *2.953*	111,0 *4.370*	63,0 *2.480*	SPGX0602	SCGX050204
SD524-18-72-C6	03080265	18,0 *0.709*	72,0 *2.835*	77,0 *3.031*	113,0 *4.449*	63,0 *2.480*	SPGX0602	SCGX050204
SD524-18.5-74-C6	03080266	18,5 *0.728*	74,0 *2.913*	79,0 *3.110*	115,0 *4.528*	63,0 *2.480*	SPGX0602	SCGX050204
SD524-19-76-C6	03080267	19,0 *0.748*	76,0 *2.992*	81,0 *3.189*	117,0 *4.606*	63,0 *2.480*	SPGX0602	SCGX050204
SD524-20-80-C6	03080268	20,0 *0.787*	80,0 *3.150*	85,0 *3.346*	123,0 *4.843*	63,0 *2.480*	SPGX0602	SCGX060204
SD524-20.62-83-C6	03080417	20,62 *0.812*	83,0 *3.268*	88,0 *3.465*	126,0 *4.961*	63,0 *2.480*	SPGX0602	SCGX060204
SD524-21-84-C6	03080269	21,0 *0.827*	84,0 *3.307*	89,0 *3.504*	127,0 *5.000*	63,0 *2.480*	SPGX0602	SCGX060204
SD524-22-88-C6	03080270	22,0 *0.866*	88,0 *3.465*	93,0 *3.661*	131,0 *5.157*	63,0 *2.480*	SPGX0703	SCGX060204
SD524-22.23-89-C6	03080418	22,23 *0.875*	89,0 *3.504*	94,0 *3.701*	132,0 *5.197*	63,0 *2.480*	SPGX0703	SCGX060204
SD524-23-92-C6	03080271	23,0 *0.906*	92,0 *3.622*	97,0 *3.819*	136,0 *5.354*	63,0 *2.480*	SPGX0703	SCGX070308
SD524-24-96-C6	03080272	24,0 *0.945*	96,0 *3.780*	101,0 *3.976*	141,0 *5.551*	63,0 *2.480*	SPGX0703	SCGX070308
SD524-25-100-C6	03080392	25,0 *0.984*	100,0 *3.937*	105,0 *4.134*	146,0 *5.748*	63,0 *2.480*	SPGX0703	SCGX070308
SD524-25.4-102-C6	03080419	25,4 *1.000*	102,0 *4.016*	107,0 *4.213*	148,0 *5.827*	63,0 *2.480*	SPGX0703	SCGX070308
SD524-26-104-C6	03080393	26,0 *1.024*	104,0 *4.094*	109,0 *4.291*	150,0 *5.906*	63,0 *2.480*	SPGX0903	SCGX070308
SD524-27-108-C6	03080394	27,0 *1.063*	108,0 *4.252*	113,0 *4.449*	154,0 *6.063*	63,0 *2.480*	SPGX0903	SCGX070308
SD524-28-112-C6	03080395	28,0 *1.102*	112,0 *4.409*	117,0 *4.606*	159,0 *6.260*	63,0 *2.480*	SPGX0903	SCGX070308
SD524-28.59-115-C6	03080420	28,59 *1.126*	115,0 *4.528*	120,0 *4.724*	162,0 *6.378*	63,0 *2.480*	SPGX0903	SCGX070308
SD524-29-116-C6	03080396	29,0 *1.142*	116,0 *4.567*	121,0 *4.764*	163,0 *6.417*	63,0 *2.480*	SPGX0903	SCGX09T308
SD524-30-120-C6	03080397	30,0 *1.181*	120,0 *4.724*	125,0 *4.921*	167,0 *6.575*	63,0 *2.480*	SPGX0903	SCGX09T308
SD524-31-124-C6	03080398	31,0 *1.220*	124,0 *4.882*	129,0 *5.079*	171,0 *6.732*	63,0 *2.480*	SPGX0903	SCGX09T308
SD524-31.75-127-C6	03080421	31,75 *1.250*	127,0 *5.000*	132,0 *5.197*	175,0 *6.890*	63,0 *2.480*	SPGX0903	SCGX09T308
SD524-32-128-C6	03080399	32,0 *1.260*	128,0 *5.039*	133,0 *5.236*	176,0 *6.929*	63,0 *2.480*	SPGX11T3	SCGX09T308
SD524-33-132-C6	03080400	33,0 *1.299*	132,0 *5.197*	137,0 *5.394*	180,0 *7.087*	63,0 *2.480*	SPGX11T3	SCGX09T308
SD524-34-136-C6	03080401	34,0 *1.339*	136,0 *5.354*	141,0 *5.551*	184,0 *7.244*	63,0 *2.480*	SPGX11T3	SCGX09T308

Références	Numéro de produit	DC	LU	LUX	LFS	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD524-35-140-C6	03080402	35,0 *1.378*	140,0 *5.512*	145,0 *5.709*	188,0 *7.402*	63,0 *2.480*	SPGX11T3	SCGX11T308
SD524-36-144-C6	03080403	36,0 *1.417*	144,0 *5.669*	149,0 *5.866*	192,0 *7.559*	63,0 *2.480*	SPGX11T3	SCGX11T308
SD524-37-148-C6	03080404	37,0 *1.457*	148,0 *5.827*	153,0 *6.024*	196,0 *7.717*	63,0 *2.480*	SPGX11T3	SCGX11T308
SD524-38-152-C6	03080405	38,0 *1.496*	152,0 *5.984*	157,0 *6.181*	200,0 *7.874*	63,0 *2.480*	SPGX12T3	SCGX11T308
SD524-39-156-C6	03080406	39,0 *1.535*	156,0 *6.142*	161,0 *6.339*	204,0 *8.031*	63,0 *2.480*	SPGX12T3	SCGX11T308
SD524-40-160-C6	03080407	40,0 *1.575*	160,0 *6.299*	165,0 *6.496*	208,0 *8.189*	63,0 *2.480*	SPGX12T3	SCGX11T308

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

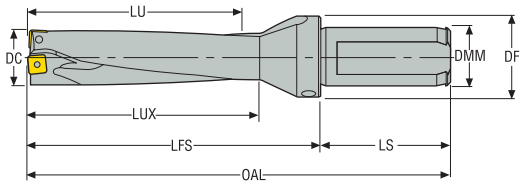
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD525

Profondeur de perçage ~ 5 x D – Métrique/Pouces





–Attachement ISO 9766, -7
–Arrosage interne
–Pour le choix des plaquettes, voir page(s) 275-278
–Paramètres de coupe, voir page(s) 285, 286
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD525-19-95-25R7	03079580	19,0 *0.748*	95,0 *3.740*	181,0 *7.126*	100,0 *3.937*	125,0 *4.921*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD525-20-100-25R7	03079582	20,0 *0.787*	100,0 *3.937*	186,0 *7.323*	105,0 *4.134*	130,0 *5.118*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204
SD525-21-105-25R7	03079583	21,0 *0.827*	105,0 *4.134*	191,0 *7.520*	110,0 *4.331*	135,0 *5.315*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204
SD525-22-110-25R7	03079584	22,0 *0.866*	110,0 *4.331*	196,0 *7.717*	115,0 *4.528*	140,0 *5.512*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204
SD525-23-115-25R7	03079585	23,0 *0.906*	115,0 *4.528*	201,0 *7.913*	120,0 *4.724*	145,0 *5.709*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308
SD525-24-120-25R7	03079586	24,0 *0.945*	120,0 *4.724*	206,0 *8.110*	125,0 *4.921*	150,0 *5.906*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308
SD525-25-125-32R7	03079587	25,0 *0.984*	125,0 *4.921*	215,0 *8.465*	130,0 *5.118*	155,0 *6.102*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0703	SCGX070308
SD525-26-130-32R7	03079588	26,0 *1.024*	130,0 *5.118*	220,0 *8.661*	135,0 *5.315*	160,0 *6.299*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD525-27-135-32R7	03079589	27,0 *1.063*	135,0 *5.315*	225,0 *8.858*	140,0 *5.512*	165,0 *6.496*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD525-28-140-32R7	03079590	28,0 *1.102*	140,0 *5.512*	230,0 *9.055*	145,0 *5.709*	170,0 *6.693*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD525-29-145-32R7	03079591	29,0 *1.142*	145,0 *5.709*	235,0 *9.252*	150,0 *5.906*	175,0 *6.890*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD525-30-150-32R7	03079592	30,0 *1.181*	150,0 *5.906*	240,0 *9.449*	155,0 *6.102*	180,0 *7.087*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD525-31-155-32R7	03079593	31,0 *1.220*	155,0 *6.102*	245,0 *9.646*	160,0 *6.299*	185,0 *7.283*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD525-32-160-40R7	03079595	32,0 *1.260*	160,0 *6.299*	258,0 *10.157*	165,0 *6.496*	190,0 *7.480*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD525-33-165-40R7	03079596	33,0 *1.299*	165,0 *6.496*	263,0 *10.354*	170,0 *6.693*	195,0 *7.677*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD525-34-170-40R7	03079597	34,0 *1.339*	170,0 *6.693*	268,0 *10.551*	175,0 *6.890*	200,0 *7.874*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD525-35-175-40R7	03079598	35,0 *1.378*	175,0 *6.890*	273,0 *10.748*	180,0 *7.087*	205,0 *8.071*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD525-36-180-40R7	03079599	36,0 *1.417*	180,0 *7.087*	278,0 *10.945*	185,0 *7.283*	210,0 *8.268*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD525-37-185-40R7	03079600	37,0 *1.457*	185,0 *7.283*	283,0 *11.142*	190,0 *7.480*	215,0 *8.465*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD525-38-190-40R7	03079601	38,0 *1.496*	190,0 *7.480*	288,0 *11.339*	195,0 *7.677*	220,0 *8.661*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD525-39-195-40R7	03079602	39,0 *1.535*	195,0 *7.677*	293,0 *11.535*	200,0 *7.874*	225,0 *8.858*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD525-40-200-40R7	03079603	40,0 *1.575*	200,0 *7.874*	298,0 *11.732*	205,0 *8.071*	230,0 *9.055*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD525-41-205-40R7	03079604	41,0 *1.614*	205,0 *8.071*	303,0 *11.929*	210,0 *8.268*	235,0 *9.252*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD525-42-210-40R7	03079605	42,0 *1.654*	210,0 *8.268*	308,0 *12.126*	215,0 *8.465*	240,0 *9.449*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD525-43-215-40R7	03079606	43,0 *1.693*	215,0 *8.465*	313,0 *12.323*	220,0 *8.661*	245,0 *9.646*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	Plaquette au centre	Plaquette périphérique
SD525-44-220-40R7	03079607	44,0 *1.732*	220,0 *8.661*	318,0 *12.520*	225,0 *8.858*	250,0 *9.843*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX120408
SD525-45-225-40R7	03079608	45,0 *1.772*	225,0 *8.858*	323,0 *12.717*	230,0 *9.055*	255,0 *10.039*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Vis de serrage	Vis de plaquette périphérique	Clé
			
19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
29,00-31,00	C03007-T09P	C03009-T09P	T09P-2
32,00-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-42,00	C03508-T15P	C05012-T15P	T15P-2D
43,00-45,00	C04011-T15P	C05012-T15P	T15P-2D

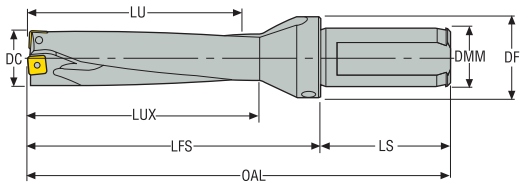
Accessoires

Pour dia. de foret (mm)	Clé dynamométrique
	
19,00	T00-07P09
20,00-21,00	T00-07P09
22,00	T00-08P12
23,00-25,00	T00-08P12
26,00-28,00	T00-09P20
29,00-31,00	T00-09P20
32,00-40,00	T00-15P30
41,00-42,00	T00-15P30
43,00-45,00	T00-15P35

SD525

Profondeur de perçage ~ 5 x D – Pouces





– Attachement ISO 9766, -7
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 285, 286
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique
SD525-0750-375-1000R7	03079565	0.750	3.750	7.181	3.947	4.931	2.250	1.000	1.378	SPGX0602	SCGX050204
SD525-0812-406-1000R7	03079566	0.812	4.060	7.491	4.257	5.241	2.250	1.000	1.378	SPGX0602	SCGX060204
SD525-0875-438-1000R7	03079567	0.875	4.380	7.811	4.577	5.561	2.250	1.000	1.378	SPGX0703	SCGX060204
SD525-0937-469-1000R7	03079568	0.937	4.690	8.121	4.887	5.871	2.250	1.000	1.378	SPGX0703	SCGX070308
SD525-1000-500-1250R7	03079569	1.000	5.000	8.556	5.197	6.181	2.375	1.250	1.654	SPGX0703	SCGX070308
SD525-1062-531-1250R7	03079570	1.062	5.310	8.866	5.507	6.491	2.375	1.250	1.654	SPGX0903	SCGX070308
SD525-1125-563-1250R7	03079571	1.125	5.630	9.186	5.827	6.811	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD525-1187-594-1250R7	03079572	1.187	5.940	9.496	6.137	7.121	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD525-1250-625-1500R7	03079573	1.250	6.250	10.056	6.447	7.431	2.625	1.500	1.969	SPGX11T3	SCGX09T308
SD525-1375-687-1500R7	03079574	1.375	6.870	10.676	7.067	8.051	2.625	1.500	1.969	SPGX11T3	SCGX11T308
SD525-1500-750-1500R7	03079575	1.500	7.500	11.306	7.697	8.681	2.625	1.500	1.969	SPGX12T3	SCGX11T308
SD525-1625-812-1500R7	03079576	1.625	8.120	11.926	8.317	9.301	2.625	1.500	1.969	SPGX12T3	SCGX120408
SD525-1750-875-1500R7	03079577	1.750	8.750	12.556	8.947	9.931	2.625	1.500	1.969	SPGX1504	SCGX120408
SD525-1875-937-1500R7	03079578	1.875	9.370	13.176	9.567	10.551	2.625	1.500	1.969	SPGX1504	SCGX150512
SD525-1937-968-1500R7	03079579	1.937	9.680	13.486	9.877	10.861	2.625	1.500	2.337	SPGX1504	SCGX150512
SD525-2000-1000-1500R7	03079581	2.000	10.000	13.806	10.197	11.181	2.625	1.500	2.337	SPGX1504	SCGX150512

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Vis de serrage	Vis de plaquette périphérique	Clé
			
0.750	C02205-T07P	C02245-T07P	T07P-2
0.812	C02205-T07P	C02205-T07P	T07P-2
0.875	C02506-T08P	C02506-T08P	T08P-2
0.937-1.000	C02507-T08P	C03007-T08P	T08P-2
1.062	C03007-T09P	C03007-T09P	T09P-2
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2
1.250-1.500	C03508-T15P	C03508-T15P	T15P-2D
1.625	C03508-T15P	C05012-T15P	T15P-2D
1.750-2.000	C04011-T15P	C05012-T15P	T15P-2D

Accessoires

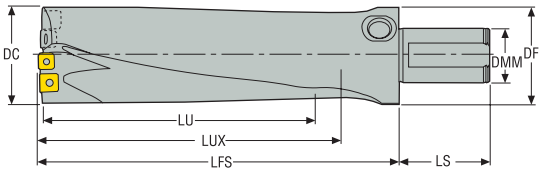
Clé dynamométrique

T00-07P09
T00-07P09
T00-08P12
T00-08P12
T00-09P20
T00-09P20
T00-15P30
T00-15P30
T00-15P35

SD542

Profondeur de perçage ~ 2,5 x D – Métrique





—Attachement ISO 9766, -7
—Arrosage interne
—Pour le choix des plaquettes, voir page(s) 275-278
—Paramètres de coupe, voir page(s) 287, 288
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		mm	mm	mm	mm	mm	mm	mm	mm	Plaquette au centre	Plaquette périphérique
SD542-60-150-40R7	02590456	60,0	150,0	269,5	156,0	201,5	68,0	40,0	79,0	SPGX0903-C1	SCGX09T308..
SD542-65-162.5-40R7	02590457	65,0	162,5	282,0	169,5	214,0	68,0	40,0	79,0	SPGX11T3-C1	SCGX09T308..
SD542-70-175-40R7	02590458	70,0	175,0	294,5	182,5	226,5	68,0	40,0	79,0	SPGX11T3-C1	SCGX120408..
SD542-75-187.5-50R7	02590459	75,0	187,5	317,0	196,0	239,0	78,0	50,0	79,0	SPGX11T3-C1	SCGX120408..
SD542-80-200-50R7	02590460	80,0	200,0	329,5	210,0	251,5	78,0	50,0	79,0	SPGX12T3-C1	SCGX120408..
SD542-85-212.5-50R7	02590461	85,0	212,5	342,0	221,0	264,0	78,0	50,0	89,0	SPGX12T3-C1	SCGX120408..

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Adaptateur de tuyau	Clé	Vis de serrage	Vis de plaquette périphérique	Vis
					
60,00	R3/8-HA	T09P-2	C03007-T09P	C03009-T09P	R3/8
65,00	R3/8-HA	T15P-2D	C03508-T15P	C03508-T15P	R3/8
70,00-85,00	R3/8-HA	T15P-2D	C03508-T15P	C05012-T15P	R3/8

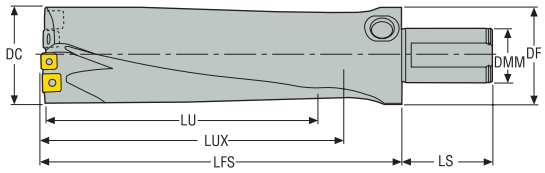
Accessoires

Pour dia. de foret (mm)	Clé dynamo-métrique
	
60,00	T00-09P20
65,00	T00-15P30
70,00-85,00	T00-15P30

SD542

Profondeur de perçage ~ 2.5 X D – Pouces





—Attachement ISO 9766, -7
—Arrosage interne
—Pour le choix des plaquettes, voir page(s) 275-278
—Paramètres de coupe, voir page(s) 287, 288
—Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Plaquette	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique
SD542-2250-563-1500R7	02602085	2.250	5.630	11.500	5.800	7.000	4.500	1.500	3.110	SPGX 0903-C1	SCGX 09T308..
SD542-2500-625-1500R7	02602087	2.500	6.250	12.780	6.520	8.280	4.500	1.500	3.110	SPGX 0903-C1	SCGX 09T308..
SD542-2750-688-1500R7	02602088	2.750	6.880	13.400	7.190	8.900	4.500	1.500	3.110	SPGX 11T3-C1	SCGX 120408..
SD542-3000-750-2000R7	02602089	3.000	7.500	14.030	7.860	9.530	4.500	2.000	3.110	SPGX 11T3-C1	SCGX 120408..
SD542-3250-813-2500R7	02602090	3.250	8.130	14.650	8.460	10.150	4.500	2.500	3.500	SPGX 12T3-C1	SCGX 120408..
SD542-3500-875-2500R7	02602091	3.500	8.750	15.280	9.140	10.780	4.500	2.500	3.500	SPGX 1504-C1	SCGX 120408..

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Adaptateur de tuyau	Clé	Vis de serrage	Vis de plaquette périphérique	Vis
					
2.250-2.500	R3/8-HA	T09P-2	C03007-T09P	C03009-T09P	R3/8
2.750-3.250	R3/8-HA	T15P-2D	C03508-T15P	C05012-T15P	R3/8
3.500	R3/8-HA	T15P-2D	C05012-T15P	C05012-T15P	R3/8

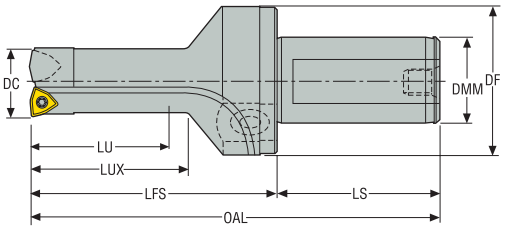
Accessoires

Pour dia. de foret (pouce)	Clé dynamo-métrique
	
2.250-2.500	T00-09P20
2.750-3.250	T00-15P30
3.500	T00-15P30

SD572

Profondeur de perçage ~ 2 x D – Métrique





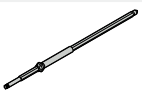
–Attachement ISO 9766, -7
–Arrosage interne
–Pour le choix des plaquettes, voir page(s) 275-278
–Paramètres de coupe, voir page(s) 289-290
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	Dia. du trou min-max.	DC	LU	LUX	LFS	LS	DMM	DF	Plaquette	
		mm	mm	mm	mm	mm	mm	mm	mm	Plaquette au centre	Plaquette périphérique
SD572-15-30-25R7	02595777	14,8 -18	15,0	30,0	35,0	65,0	56,0	25,0	42,0	WCMX030208-86	WCMX030208..
SD572-16-32-25R7	02595778	15,8 -18	16,0	32,0	37,0	67,0	56,0	25,0	42,0	WCMX030208-86	WCMX030208..
SD572-17-34-25R7	02595779	16,8 -19	17,0	34,0	39,0	69,0	56,0	25,0	42,0	WCMX030208-86	WCMX030208..
SD572-19-38-25R7	02595780	18,8 -22	19,0	38,0	43,0	73,0	56,0	25,0	42,0	WCMX040208-86	WCMX030208..
SD572-22-44-25R7	02595781	21,8 -27	22,0	44,0	49,0	79,0	56,0	25,0	42,0	WCMX050308-86	WCMX040208..
SD572-27-54-32R7	02595783	26,8 -33	27,0	54,0	59,0	89,0	60,0	32,0	50,0	WCMX06T308-86	WCMX050308..
SD572-33-66-40R7	02595784	32,8 -41	33,0	66,0	71,0	101,0	68,0	40,0	59,0	WCMX080412-86	WCMX06T308..
SD572-41-82-40R7	02595785	40,8 -47	41,0	82,0	87,0	117,0	68,0	40,0	59,0	WCMX080412-86	WCMX080412..
SD572-47-94-40R7	02595786	46,8 -52	47,0	94,0	99,0	129,0	68,0	40,0	59,0	WCMX080412-86	WCMX080412..

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Adaptateur de tuyau	Clé	Vis de serrage	Vis de plaquette périphérique	Clé (Drapeau)	Vis
						
15,00-19,00	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
22,00	1310	T08P-2	C02506-T08P	C03007-T08P	–	R1/4
27,00	1310	T08P-2	C03508-T15P	C03007-T08P	T15P-2D	R1/4
33,00	1310	T15P-2D	C03508-T15P	C03508-T15P	–	R1/4
41,00-47,00	1310	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4

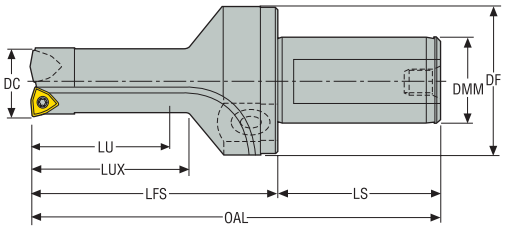
Accessoires

Pour dia. de foret (mm)	Embout interchangeable	Clé dynamo-métrique
		
15,00-19,00	–	T00-07P09
22,00	–	T00-08P12
27,00	T00-15P	T00-15P30
33,00	–	T00-15P30
41,00-47,00	–	T00-15P30

SD572

Profondeur de perçage ~ 2 x D – Pouces





–Attachement ISO 9766, -7
–Arrosage interne
–Pour le choix des plaquettes, voir page(s) 275-278
–Paramètres de coupe, voir page(s) 289-290
–Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	Dia du trou min-max. (pouce)	DC	LU	LUX	LFS	DF	Plaquette	
		Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	Plaquette au centre	Plaquette périphérique
SD572-0591-118-1000R7	02602128	0.591––	*0.591*	*1.182*	*1.379*	*2,56*	*1,775*	WCMX030208-86	WCMX 030208..
SD572-0669-134-1000R7	02602129	0.669––	*0.669*	*1.338*	*1.535*	*2,716*	*1,775*	WCMX030208-86	WCMX 030208..
SD572-0748-150-1000R7	02602131	0.748––	*0.748*	*1.496*	*1.69*	*2,874*	*1,775*	WCMX040208-86	WCMX 030208..
SD572-0866-173-1000R7	02602132	0.866––	*0.866*	*1.732*	*1.929*	*3,11*	*1,775*	WCMX050308-86	WCMX 040208..
SD572-1062-212-1250R7	02602133	1.062––	*1.062*	*2.124*	*2.321*	*3,502*	*2,165*	WCMX06T308-86	WCMX 050308..
SD572-1299-260-1500R7	02602134	1.299––	*1.299*	*2.598*	*2.795*	*3,976*	*2,303*	WCMX080412-86	WCMX 06T308..
SD572-1614-322-1500R7	02602135	1.614––	*1.614*	*3.228*	*3.425*	*4,606*	*2,303*	WCMX080412-86	WCMX 080412..
SD572-1850-370-1500R7	02602136	1.850––	*1.85*	*3.7*	*3.7*	*5,078*	*2,303*	WCMX080412-86	WCMX 080412..

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (pouce)	Adaptateur de tuyau	Clé	Vis de serrage	Vis de plaquette périphérique	Clé (Drapeau)	Vis
						
0.591-0.748	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
0.866	1310	T08P-2	C02506-T08P	C03007-T08P	–	R1/4
1.062	1310	T08P-2	C03508-T15P	C03007-T08P	T15P-2D	R1/4
1.299	1310	T15P-2D	C03508-T15P	C03508-T15P	–	R1/4
1.614-1.850	1310	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4

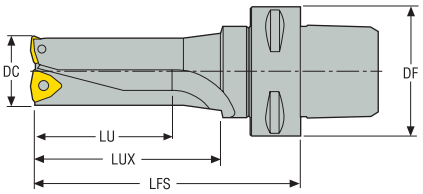
Accessoires

Pour dia. de foret (pouce)	Embout interchangeable	Clé dynamo-métrique
		
0.591-0.748	–	T00-07P09
0.866	–	T00-08P12
1.062	T00-15P	T00-15P30
1.299	–	T00-15P30
1.614-1.850	–	T00-15P30

SD572

Profondeur de perçage ~ 2 x D – Métrique





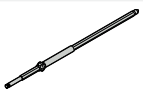
– Attachement Seco-Capto™ C5
– Arrosage interne
– Pour le choix des plaquettes, voir page(s) 275-278
– Paramètres de coupe, voir page(s) 289-290
– Diamètres intermédiaires voir le logiciel "MyDesign".

Références	Numéro de produit	Dia. du trou min-max.	DC	LU	LUX	LFS	DF	Plaquette	
		mm	mm	mm	mm	mm	mm	Plaquette au centre	Plaquette périphérique
SD572-15-30-C5	02595831	14,8 -18	15,0	30,0	35,0	85,0	50,0	WCMX030208-86	WCMX030208..
SD572-16-32-C5	02595832	15,8 -18	16,0	32,0	37,0	87,0	50,0	WCMX030208-86	WCMX030208..
SD572-17-34-C5	02595833	16,8 -19	17,0	34,0	39,0	89,0	50,0	WCMX030208-86	WCMX030208..
SD572-19-38-C5	02595834	18,8 -22	19,0	38,0	43,0	93,0	50,0	WCMX040208-86	WCMX030208..
SD572-22-44-C5	02595835	21,8 -27	22,0	44,0	49,0	99,0	50,0	WCMX050308-86	WCMX040208..
SD572-27-54-C5	02595836	26,8 -33	27,0	54,0	59,0	109,0	50,0	WCMX06T308-86	WCMX050308..
SD572-33-66-C5	02595837	32,8 -41	33,0	66,0	71,0	121,0	50,0	WCMX080412-86	WCMX06T308..
SD572-41-82-C5	02595838	40,8 -47	41,0	82,0	87,0	157,0	50,0	WCMX080412-86	WCMX080412..
SD572-47-94-C5	02595839	46,8 -52	47,0	94,0	99,0	169,0	50,0	WCMX080412-86	WCMX080412..

Pièces détachées, pièces incluses lors de la livraison

Pour dia. de foret (mm)	Clé	Vis de serrage	Vis de plaquette périphérique	Clé (Drapeau)	Vis
					
15,00-19,00	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
22,00	T08P-2	C02506-T08P	C03007-T08P	–	R1/4
27,00	T08P-2	C03508-T15P	C03007-T08P	T15P-2D	R1/4
33,00	T15P-2D	C03508-T15P	C03508-T15P	–	R1/4
41,00-47,00	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4

Accessoires

Pour dia. de foret (mm)	Embout interchangeable	Clé dynamo-métrique
		
15,00-19,00	–	T00-07P09
22,00	–	T00-08P12
27,00	T00-15P	T00-15P30
33,00	–	T00-15P30
41,00-47,00	–	T00-15P30



Perfomax® SD602

Le système de tête de foret modulaire Perfomax® SD602 de Seco spécialement conçu pour les applications nécessitant le perçage de trous larges et profonds de manière sûre et efficace.

- Les plaquettes de la nuance DP3000 offrent la dureté requise pour optimiser le Perfomax® SD602
- La nuance permet d'obtenir des avances et des vitesses élevées
- Grande flexibilité grâce à l'utilisation des extensions pour atteindre la profondeur de perçage requise

Codification des références :

Corps des forets

Type de forets
SD602 : Foret pilote et cartouche

Diamètre de foret possibles
89 - Diamètre inférieur
90 - Diamètre supérieur

Diamètre de flasque

Type d'attachement

SD602 – 89/90 – 50 RG



Pouces **SD602 – 3500 – RG**

Foret pilote

Diamètre du foret

SD601 1 – 10 – R

0 = Carbure monobloc
1 = HSS

Rotation à droite



(Le foret pilote doit être acheté séparément)

Cassette

Taille de plaquette
SCGX07
SCGX09
SCGX12
SCGX15

SD600 C – 07 – N

C = Centre
P = Périphérie

N = Diamètre nominal



-N



-U

Kit

Périphérique

SD602 1 – P – 07 – N

0 = incl. 2 patins (< ∅ 135 mm)
1 = incl. 4 patins (> ∅ 135 mm)

Taille de plaquette
SCGX07
SCGX09
SCGX12
SCGX15

N - Diamètre nominal
U - Diamètre sous-dimensionné

Remarque : veuillez sélectionner le kit de pièces de rechange « D » de diamètre nominal (N) ou sous-dimensionné (U) page(s) 269 pour terminer l'assemblage du corps de foret. Le kit « D » doit être commandé séparément.



-N

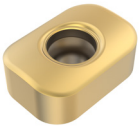


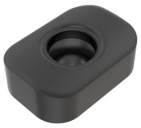
-U

Patin

PAD – L20R25 -N

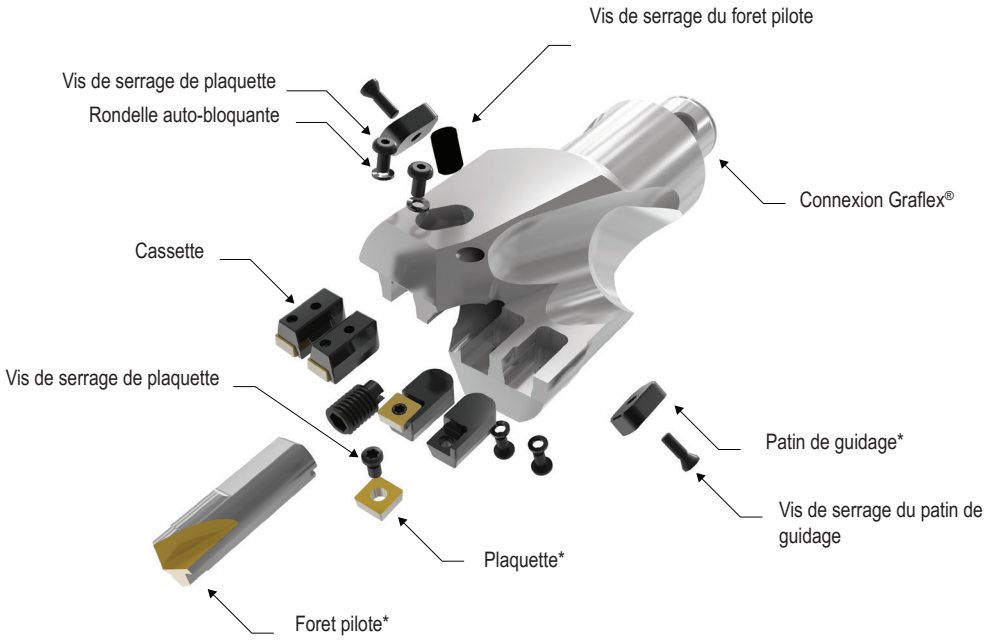
N = Diamètre nominal





Assemblage d'une tête modulaire

SD602-59/60-40RG





Exemple : Diamètre 59 ; SD602-59-40RG
Utiliser le kit : SD6020-P07*



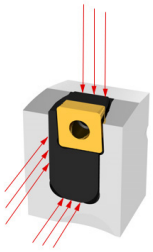
Exemple : Diamètre 60 ; SD602-60-40RG
Utiliser le kit : SD6020-P07-N*

Instructions de montage

- Serrer la vis de blocage de la cassette
- Placer les plaquettes
- Placer le foret pilote et et le serrer au fond de son logement si vous avez besoin d'étendre le foret pilote, utiliser la vis de réglage
- Placer les rallonges

Montage des cartouches et des patins de guidage

- Monter la cassette
- Assurez-vous qu'il n'y a aucune infiltration d'air entre la cassette et les parois
- Serrer la vis de blocage cassette avec la clé :
  SD600-x-07 : 3 Nm
  SD600-x-09 : 3 Nm
  SD600-x-12 : 8 Nm
  SD600-x-15 : 8 Nm
- Monter le patin de guidage
- Serrer la vis de blocage du patin de guidage

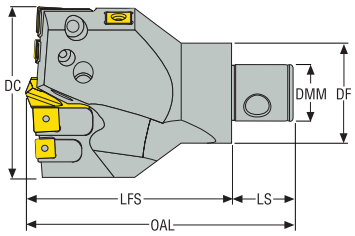


***Non inclus lors de la livraison.** Kit périphérique, les foret et plaquettes pilotes doivent êtres commandés séparément.

SD602

Tête de perçage modulaire – Métrique/Pouces





- Arrosage interne
- Pour le choix des plaquettes, voir page(s) 275-278
- Paramètres de coupe, voir page(s) 291-292
- Longueur ajustable du foret pilote

Références	Numéro de produit	Taille Graflex	Capacité DCN	Capacité DCX	OAL	LFS	LS	DF	DMM	Poids	Plaquette
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
SD602-59/60-40RG	02846688	G4	59,0 *2.323*	60,0 *2.362*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,0 *2.200*	SCGX07
SD602-69/70-40RG	02846689	G4	69,0 *2.717*	70,0 *2.756*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,2 *2.650*	SCGX09
SD602-79/80-50RG	02846690	G5	79,0 *3.110*	80,0 *3.150*	160,0 *6.299*	130,0 *5.118*	30,0 *1.181*	50,0 *1.969*	28,0 *1.102*	1,9 *4.190*	SCGX09
SD602-89/90-50RG	02846691	G5	89,0 *3.504*	90,0 *3.543*	160,0 *6.299*	130,0 *5.118*	30,0 *1.181*	50,0 *1.969*	28,0 *1.102*	2,1 *4.630*	SCGX09/12
SD602-99/100-63RG	02846692	G6	99,0 *3.898*	100,0 *3.937*	185,0 *7.283*	145,0 *5.709*	40,0 *1.575*	63,0 *2.480*	36,0 *1.417*	3,3 *7.280*	SCGX12
SD602-119/120-63RG	02846693	G6	119,0 *4.685*	120,0 *4.724*	185,0 *7.283*	145,0 *5.709*	40,0 *1.575*	63,0 *2.480*	36,0 *1.417*	3,5 *7.720*	SCGX15
SD602-139/140-90RG	02846694	G7	139,0 *5.472*	140,0 *5.512*	210,0 *8.268*	160,0 *6.299*	50,0 *1.969*	90,0 *3.543*	46,0 *1.811*	6,1 *13.450*	SCGX12
SD602-159/160-90RG	02846695	G7	159,0 *6.260*	160,0 *6.299*	210,0 *8.268*	160,0 *6.299*	50,0 *1.969*	90,0 *3.543*	46,0 *1.811*	7,0 *15.430*	SCGX12/15
SD602-2500-40RG	02846698	G4	62,5 *2.461*	63,5 *2.500*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,0 *2.200*	SCGX07
SD602-2750-40RG	02846699	G4	68,85 *2.711*	69,85 *2.750*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,1 *2.430*	SCGX07/09
SD602-3000-40RG	02846700	G4	75,2 *2.961*	76,2 *3.000*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,2 *2.650*	SCGX09
SD602-3250-50RG	02846701	G5	81,55 *3.211*	82,55 *3.250*	160,0 *6.299*	130,0 *5.118*	30,0 *1.181*	50,0 *1.969*	28,0 *1.102*	2,0 *4.410*	SCGX09/12
SD602-3500-50RG	02846702	G5	87,9 *3.461*	88,9 *3.500*	160,0 *6.299*	130,0 *5.118*	30,0 *1.181*	50,0 *1.969*	28,0 *1.102*	2,1 *4.630*	SCGX09/12
SD602-4000-63RG	02846703	G6	100,6 *3.961*	101,6 *4.000*	185,0 *7.283*	145,0 *5.709*	40,0 *1.575*	63,0 *2.480*	36,0 *1.417*	3,4 *7.500*	SCGX12

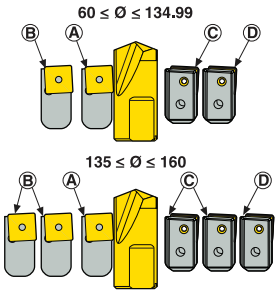
Pièces détachées, pièces incluses lors de la livraison

Cassette	Cassette	Vis de cassette	Rondelle	Vis de plaquette	Clé	Patin de guidage*	Patin de guidage*	Vis de guidage
								
SD600-C-07	SD600-P-07-N	K6S4x8	LW0408	C03007-T09P	T09P-2, T15P-2D	PAD-L20R25	PAD-L20R25-N	C04014-T15P
SD600-C-09	SD600-P-09-N	K6S4x8	LW0408	C03508-T15P	T15P-2D	PAD-L20R25	PAD-L20R25-N	C04014-T15P
SD600-C-12	SD600-P-12-N	K6S6x10	LW0611	C05012-T15P	T15P-2D	PAD-L20R25	PAD-L20R25-N	C04014-T15P
SD600-C-15	SD600-P-15-N	K6S6x12	LW0611	C05012-T15P	T15P-2D	PAD-L20R25	PAD-L20R25-N	C04014-T15P

*Non inclus lors de la livraison.

SD602

Tête de perçage modulaire



Pièces détachées, pièces incluses lors de la livraison

Références	Pour dia. de foret (mm)	Pour dia. de foret (pouce)	Vis pilot	Vis de réglage	Cassette (A)	Cassette (B)	Cassette (C)	Kit périph.* (D)	Foret pilote* x=0 Carbure monobloc x=1 HSS
SD602-59/60-40RG	59	2.323	P6SS 8X8	19TLR0816	SD600-C-07	SD600-C-07	SD600-P-07	SD6020-P-07-U	SD601x-10-R
SD602-59/60-40RG	60	2.362	P6SS 8X8	19TLR0816	SD600-C-07	SD600-C-07	SD600-P-07	SD6020-P-07-N	SD601x-10-R
SD602-2500-40RG	62,5	2.461	P6SS 8X8	19TLR0816	SD600-C-07	SD600-C-07	SD600-P-07	SD6020-P-07-U	SD601x-10-R
SD602-2500-40RG	63,5	2.500	P6SS 8X8	19TLR0816	SD600-C-07	SD600-C-07	SD600-P-07	SD6020-P-07-N	SD601x-10-R
SD602-2750-40RG	68,85	2.711	P6SS 8X8	19TLR0816	SD600-C-09	SD600-C-07	SD600-P-07	SD6020-P-07-U	SD601x-10-R
SD602-2750-40RG	69,85	2.750	P6SS 8X8	19TLR0816	SD600-C-09	SD600-C-07	SD600-P-07	SD6020-P-07-N	SD601x-10-R
SD602-69/70-40RG	69	2.717	P6SS 8X8	19TLR0816	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-U	SD601x-10-R
SD602-69/70-40RG	70	2.756	P6SS 8X8	19TLR0816	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-N	SD601x-10-R
SD602-3000-40RG	75,2	2.961	P6SS 10X10	19TLR1016	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-U	SD601x-15-R
SD602-3000-40RG	76,2	3.000	P6SS 10X10	19TLR1016	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-N	SD601x-15-R
SD602-79/80-50RG	79	3.110	P6SS 10X10	19TLR1016	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-U	SD601x-15-R
SD602-79/80-50RG	80	3.150	P6SS 10X10	19TLR1016	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-N	SD601x-15-R
SD602-3250-50RG	81,55	3.211	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-09-U	SD601x-15-R
SD602-3250-50RG	82,55	3.250	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-09-N	SD601x-15-R
SD602-3500-50RG	87,9	3.461	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-12-U	SD601x-15-R
SD602-3500-50RG	88,9	3.500	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-12-N	SD601x-15-R
SD602-89/90-50RG	89	3.504	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-12-U	SD601x-15-R
SD602-89/90-50RG	90	3.543	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-12-N	SD601x-15-R
SD602-99/100-63RG	99	3.898	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-12	SD600-P-12	SD6020-P-12-U	SD601x-15-R
SD602-99/100-63RG	100	3.937	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-12	SD600-P-12	SD6020-P-12-N	SD601x-15-R
SD602-4000-63RG	100,6	3.961	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-12	SD600-P-12	SD6020-P-12-U	SD601x-15-R
SD602-4000-63RG	101,6	4.000	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-12	SD600-P-12	SD6020-P-12-N	SD601x-15-R
SD602-119/120-63RG	119	4.685	P6SS 10X10	19TLR1016	SD600-C-15	SD600-C-15	SD600-P-15	SD6020-P-15-U	SD601x-15-R
SD602-119/120-63RG	120	4.724	P6SS 10X10	19TLR1016	SD600-C-15	SD600-C-15	SD600-P-15	SD6020-P-15-N	SD601x-15-R
SD602-139/140-90RG	139	5.472	P6SS 12X12	19TLR1216	SD600-C-12	SD600-C-12	SD600-P-12	SD6021-P-12-U	SD601x-25-R
SD602-139/140-90RG	140	5.512	P6SS 12X12	19TLR1216	SD600-C-12	SD600-C-12	SD600-P-12	SD6021-P-12-N	SD601x-25-R
SD602-159/160-90RG	159	6.260	P6SS 12X12	19TLR1216	SD600-C-15	SD600-C-12	SD600-P-12	SD6021-P-15-U	SD601x-25-R
SD602-159/160-90RG	160	6.299	P6SS 12X12	19TLR1216	SD600-C-15	SD600-C-12	SD600-P-12	SD6021-P-15-N	SD601x-25-R

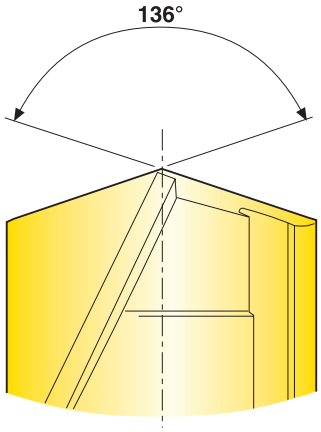
*Non inclus lors de la livraison.. Kit périphérique, U-sous-dimensionné, N-nominal.
Pour la taille de plaquettes, voir page(s) 275-278

Instructions de réaffûtage pour SD602

Spécifications :
Spécifications possibles des meules diamant :
Dégagement conique : Profil de meule 12A2 et taille de grain D54 (image 1).
Dépouille : Profil de meule 1A1 ou 1V1 et taille de grain D64-D46 (image 2-3).
Chanfrein sur bec : Profil de meule 1A1 or 12A2 (image 1).
Préparation d'arête : rectification « K-land » ou brossage (image 2).

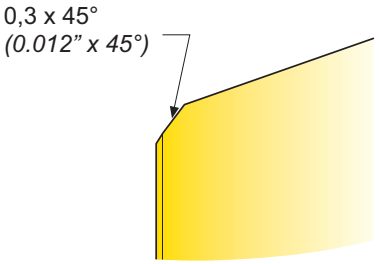
Important :
- Les arêtes de coupe doivent être uniformes et avoir la même valeur de préparation d'arête.
- La préparation de l'arête doit être effectuée sur toute la longueur de l'arête de coupe.

1. Angle de pointe

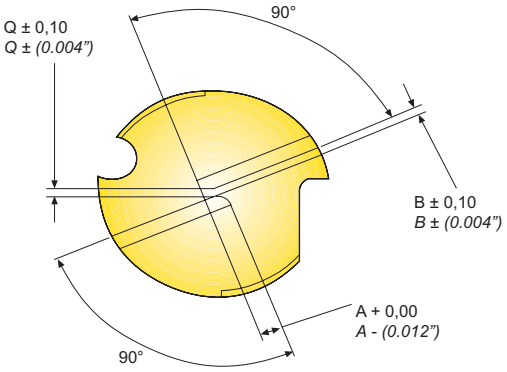


Préparation de l'arête 0-0,1 mm *(0-0.004")* x 20°. Dépouille à 10° de la pointe du foret.

2. Chanfrein sur bec



3.

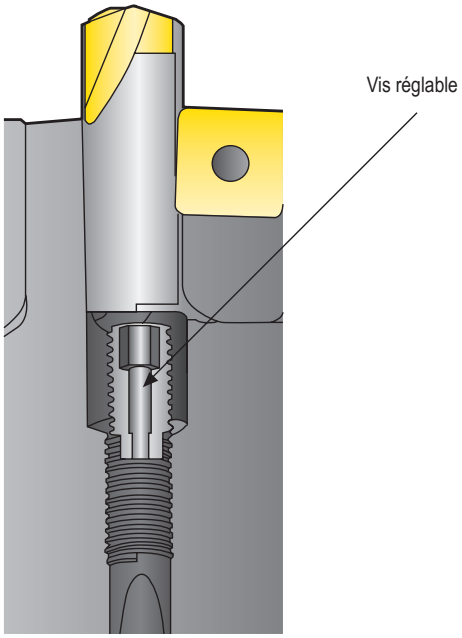


4.

Dimensions en mm (*pouces*)				
Diamètre	**A**	**B**	**C**	**Longueur minimum**
10 mm	1,5 *(0.059)*	0,5 *(0.020)*	0,57 *(0.022)*	38 *(1.496)*
15 mm	1,5 *(0.059)*	0,6 *(0.024)*	0,68 *(0.027)*	45 *(1.772)*
25 mm	1,5 *(0.059)*	1,4 *(0.055)*	1,6 *(0.063)*	57 *(2.244)*

Assemblage d'une tête modulaire

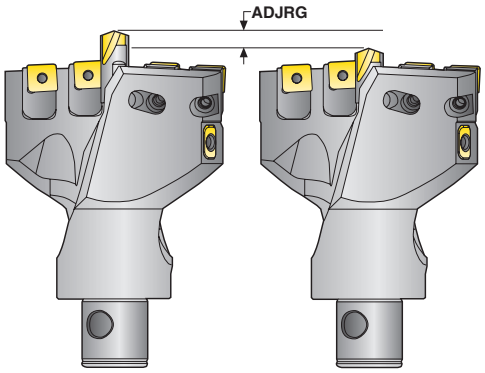
Caractéristiques : Foret pilote robuste



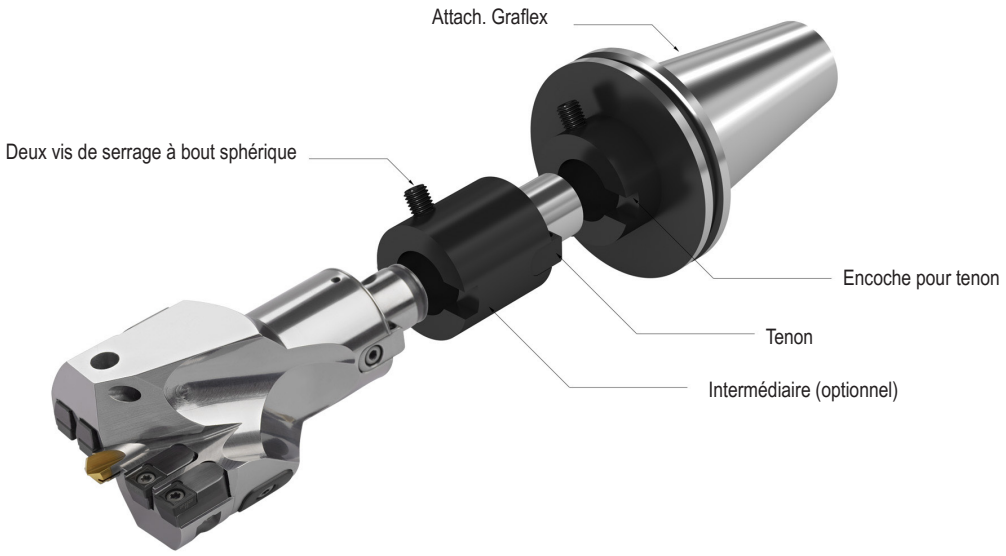
Perçage	Distance de longueur réglable ADJRG mm	*pouces*
SD602-59/60-40RG	3,0	*0.118*
SD602-69/70-40RG	3,0	*0.118*
SD602-79/80-50RG	5,0	*0.197*
SD602-89/90-50RG	5,0	*0.197*
SD602-99/100-63RG	5,0	*0.197*
SD602-119/120-63RG	5,0	*0.197*
SD602-139/140-90RG	5,0	*0.197*
SD602-159/160-90RG	5,0	*0.197*
SD602-2500-40RG	3,0	*0.118*
SD602-2750-40RG	3,0	*0.118*
SD602-3000-40RG	5,0	*0.197*
SD602-3250-50RG	5,0	*0.197*
SD602-3500-50RG	5,0	*0.197*
SD602-4000-63RG	5,0	*0.197*

Caractéristiques : Distance de longueur réglable

Avantages : Même réglage de la longueur après réaffûtage du foret pilote.
Possibilité de régler le porte-à-faux du foret pilote.
Avec des profondeurs de perçage > 5 x D, il est recommandé de sortir de 5 mm (*0.197*") de plus.
Recommandations : en cas d'une nouvelle entrée dans le trou, le foret pilote doit être ajusté à 3 mm (*0.118*") de plus que sa position d'origine afin d'assurer un meilleur centrage.

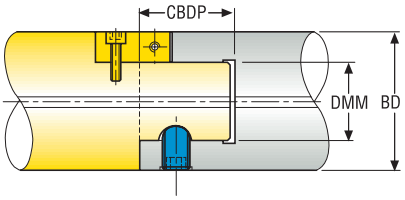


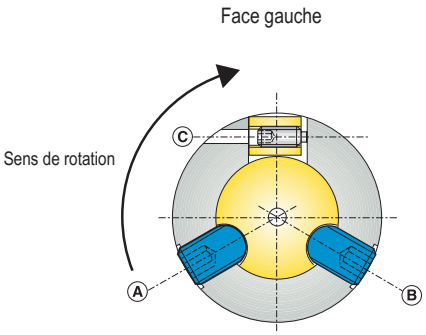
Assemblage d'une tête modulaire



Instructions de montage

1. Nettoyer les pièces à assembler et appliquer le mince film de protection contre l'oxydation.
2. Assembler les pièces en s'assurant que la face gauche du tenon soit bien en appui contre la face gauche de l'encoche du tenon.
3. Serrer légèrement la vis A (les têtes de foret doivent être déplacées d'avant en arrière pour trouver le point le plus bas pour la vis A).
4. Serrer légèrement la vis B.
5. Serrer la vis de blocage C.
6. Couplez la vis A.
7. Couplez la vis B.
8. Vérifier à nouveau le serrage de la vis de blocage.



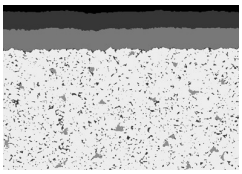
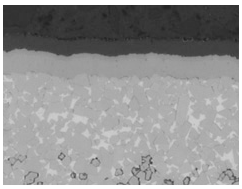
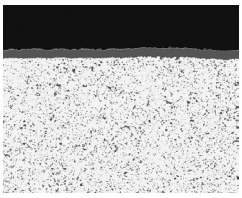
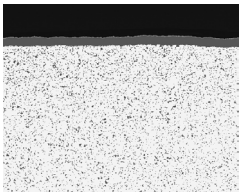
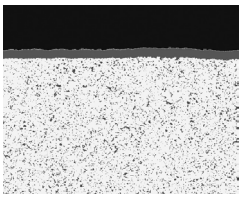
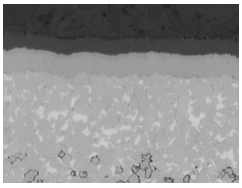
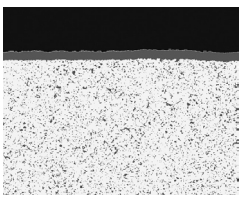


Taille Graflex	DMM mm (*pouces*)	BD mm (*pouces*)	CBDP mm (*pouces*)	Couples de serrage recommandés pour la connexion Graflex: Vis à bout sphérique (A) et (B)	Couples de serrage recommandés pour la connexion Graflex: Vis de blocage du tenon (C)
4	22 *(0.866)*	40 *(1.575)*	24 *(0.945)*	20 Nm *(14.7 ft/lbs)*	0,7 Nm *(0.5 ft/lbs)*
5	28 *(1.102)*	50 *(1.969)*	30 *(1.181)*	25 Nm *(18.4 ft/lbs)*	2 Nm *(1.5 ft/lbs)*
6	36 *(1.417)*	63 *(2.480)*	40 *(1.575)*	35 Nm *(25.8 ft/lbs)*	4 Nm *(2.9 ft/lbs)*
7	46 *(1.811)*	90 *(3.543)*	50 *(1.969)*	60 Nm *(44.2 ft/lbs)*	8 Nm *(5.9 ft/lbs)*

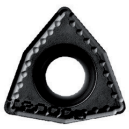
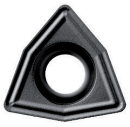
Nuance plaquette

Caractéristiques :
- 4 arêtes de coupe par arête
- Plaquettes carrées très résistantes

Bénéfices :
- Économie
- Fiabilité
- Performance
- Coût réduit par trou

Plaquette périphérique		
DP2000		Technologie de revêtement DURATOMIC® Nuance optimisée pour l'usinage de l'acier et de la fonte Pour l'usinage avec des vitesses de coupe très élevées Une combinaison unique d'une excellente ténacité d'arête et d'un revêtement épais résistant à l'usure Ti(C,N) + al_2O_3 DURATOMIC®
DP3000		Technologie de revêtement DURATOMIC® Nuance universelle Résistance à l'usure et dureté d'arêtes supérieures Nuance dure pour une sécurité maximale de l'application Ti(C,N) + Al_2O_3 DURATOMIC® Substrat de gradient
DS2050		Nuance optimisée pour le titane, les superalliages et les aciers inoxydables difficiles Revêtue PVD TiAlN + NbN
T250D		Premier choix pour l'acier trempé et l'aluminium à haute teneur en silicium, avec arête vive grâce au substrat micrograin e au revêtement PVD. (TiAl)N + TiN
Centre		
T400D		Choix de base Nuance de plaquette centrale robuste pour une sécurité d'application maximale Revêtement PVD (Ti, Al)N + TiN
DP3000		Technologie de revêtement DURATOMIC® Nuance universelle Résistance à l'usure et dureté d'arêtes supérieures Nuance dure pour une sécurité maximale de l'application Ti(C,N) + Al_2O_3 DURATOMIC® Substrat de gradient
DS4050		Nuance optimisée pour le titane, les superalliages et les aciers inoxydables difficiles Revêtue PVD TiAlN + NbN

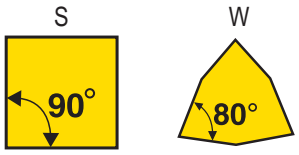
Géométries

SCGX-P1	SCGX-P2	SCGX-MP	SPGX-C1	SPGX-MC	WCMX-85	WCMX-86
						

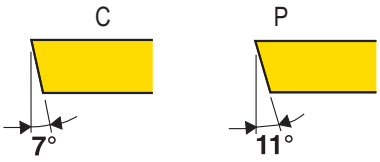


S	C	G	X	06	02	04	-	P1
1	2	3	4	5	6	7		10

1. Forme de plaquette



2. Angle de dépouille de plaquette



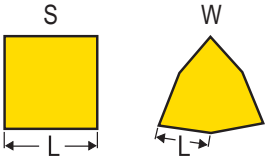
4. Type

X = Spécial

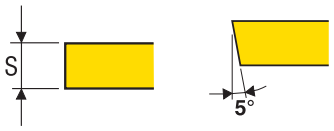
3. Tolérances

Tol. classe	Tolérance +/– mm (*pouces*) m	S	IC	Pour IC, dimension en mm (*pouces*) 5,556 (0.2187)	6,35 (0.2500)	7,937 (0.3125)	7,94 (0.3126)	9,525 (0.3750)	11,509 (0.4531)	12,7 (0.5000)	15,875 (0.6250)	19,05 (0.7500)
G	0,025 (0.001)	0,13 (0.005)	0,025 (0.001)	•	•	•		•	•	•	•	•
M	0,013 (0.005)	0,13 (0.005)	0,05 (0.002)	•	•		•	•	•	•	•	•
M	0,013 (0.005)	0,13 (0.005)	0,08 (0.003)							•		

5. Longueur de l'arête de coupe



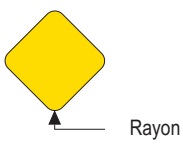
6. Épaisseur



02 = 2,38 mm *(0.094")*
03 = 3,18 mm *(0.125")*
T3 = 3,97 mm *(0.156")*

04 = 4,76 mm *(0.187")*
05 = 5,56 mm *(0.219")*

7. Plaquette avec chanfreins / rayons de pointe



04 = 0,4 mm *(0.016")*
08 = 0,8 mm *(0.031")*
12 = 1,2 mm *(0.047")*
etc.

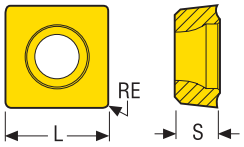
10. Désignation interne

par exemple, désignation du brise-copeaux

P1 = xx
P2 = xx
85 = xx
86 = xx

Plaquettes indexables – plaquette périphérique, type P1*

pour SD522, SD523, SD524, SD525, SD542, SD602



Tolérances :
L = ±0,025 (0.001")
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

*Brise-copeaux pour faibles avances et bon état de surface dans toutes les matières

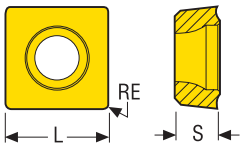
SCGX-P1



Références	Plaquettes	L	S	RE	Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	T250D	DP2000	DP3000
SCGX060204-P1	SCGX-P1	6,35 *0,25*	2,381 *0,094*	0,4 *0,016*	00059712	02590849	02807362
SCGX070308-P1	SCGX-P1	7,938 *0,313*	3,18 *0,125*	0,8 *0,031*	00059713	02590850	02807363
SCGX09T308-P1	SCGX-P1	9,525 *0,375*	3,969 *0,156*	0,8 *0,031*	00059714	02590851	02807364
SCGX11T308-P1	SCGX-P1	11,509 *0,453*	3,97 *0,156*	0,8 *0,031*	03136962	03136963	03136964
SCGX120408-P1	SCGX-P1	12,7 *0,5*	4,762 *0,187*	0,8 *0,031*	00059715	02590852	02807365
SCGX150512-P1	SCGX-P1	15,875 *0,625*	5,556 *0,219*	1,2 *0,047*	00059716	02590853	02807366

Plaquettes indexables – plaquette périphérique, type P2**

pour SD522, SD523, SD524, SD525, SD542, SD602



Tolérances :
L = ±0,025 (0.001")
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

**Brise-copeaux pour fortes avances dans l'acier, l'inox et la fonte

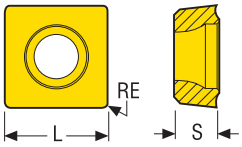
SCGX-P2



Références	Plaquettes	L	S	RE	Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	T250D	DP2000	DP3000
SCGX050204-P2	SCGX-P2	5,556 *0,219*	2,38 *0,094*	0,4 *0,016*	00059711	02590854	02807356
SCGX060204-P2	SCGX-P2	6,35 *0,25*	2,38 *0,094*	0,4 *0,016*	02526803	02590855	02807357
SCGX070308-P2	SCGX-P2	7,937 *0,312*	3,18 *0,125*	0,8 *0,031*	02526787	02590856	02807358
SCGX09T308-P2	SCGX-P2	9,525 *0,375*	3,97 *0,156*	0,8 *0,031*	02794476	02590857	02807359
SCGX11T308-P2	SCGX-P2	11,509 *0,453*	3,97 *0,156*	0,8 *0,031*	03097760	03097761	03097762
SCGX120408-P2	SCGX-P2	12,7 *0,5*	4,76 *0,187*	0,8 *0,031*	02794477	02590858	02807360
SCGX150512-P2	SCGX-P2	15,875 *0,625*	5,56 *0,219*	1,2 *0,047*	02794478	02590859	02807361

Plaquettes indexables – plaquette périphérique, pour type MP

pour SD522, SD523, SD524, SD525, SD542, SD602



Tolérances :
L = ±0,025 (0.001")
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

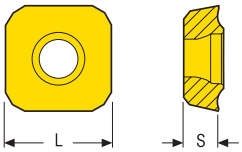
SCGX-MP



Références	Plaquettes	L	S	RE	Nuances
		mm *Pouces*	mm *Pouces*	mm *Pouces*	DS2050
SCGX050204-MP	SCGX-MP	5,56 *0,219*	2,38 *0,094*	0,4 *0,016*	03134312
SCGX060204-MP	SCGX-MP	6,35 *0,25*	6,35 *0,25*	0,4 *0,016*	03134313
SCGX070308-MP	SCGX-MP	7,94 *0,313*	3,18 *0,125*	0,8 *0,031*	03134314
SCGX09T308-MP	SCGX-MP	9,525 *0,375*	3,97 *0,156*	0,8 *0,031*	03134315
SCGX11T308-MP	SCGX-MP	11,509 *0,453*	3,97 *0,156*	0,8 *0,031*	03134316
SCGX120408-MP	SCGX-MP	12,7 *0,5*	4,76 *0,187*	0,8 *0,031*	03134317
SCGX150512-MP	SCGX-MP	15,875 *0,625*	5,56 *0,219*	1,2 *0,047*	03134318

Plaquettes indexables – plaquette centrale, type C1

pour SD522, SD523, SD524, SD525, SD542



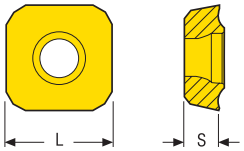
Tolérances :
L = ±0,025 (0.001")
S = ±0,13 (0.005")

SPGX-C1



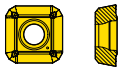
Références	Plaquettes	L	S	Nuances	
		mm *Pouces*	mm *Pouces*	T400D	DP3000
SPGX0502-C1	SPGX-C1	5,556 *0,219*	2,38 *0,094*	74077370	02807367
SPGX0602-C1	SPGX-C1	6,35 *0,25*	2,38 *0,094*	74077371	02807368
SPGX0703-C1	SPGX-C1	7,937 *0,312*	3,18 *0,125*	74077372	02807369
SPGX0903-C1	SPGX-C1	9,525 *0,375*	3,18 *0,125*	74077373	02807370
SPGX11T3-C1	SPGX-C1	11,509 *0,453*	3,97 *0,156*	74077374	02807371
SPGX12T3-C1	SPGX-C1	12,7 *0,5*	3,97 *0,156*	74077375	02807372
SPGX1504-C1	SPGX-C1	15,875 *0,625*	4,76 *0,187*	74077376	02807373
SPGX1904-C1	SPGX-C1	19,05 *0,75*	4,76 *0,187*	74077377	02807374

Plaquettes indexables – plaquette centrale, type MC
pour SD522, SD523, SD524, SD525, SD542



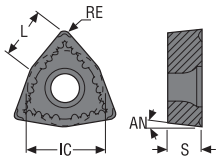
Tolérances :
L = ±0,025 (0.001")
S = ±0,13 (0.005")

SPGX-MC



Références	Plaquettes	L	S	Nuances
		mm *Pouces*	mm *Pouces*	**DS4050**
SPGX0502-MC	SPGX-MC	5,56 *0,219*	2,38 *0,094*	03134319
SPGX0602-MC	SPGX-MC	6,35 *0,25*	2,38 *0,094*	03134320
SPGX0703-MC	SPGX-MC	7,94 *0,313*	3,18 *0,125*	03134321
SPGX0903-MC	SPGX-MC	9,525 *0,375*	3,18 *0,125*	03134322
SPGX11T3-MC	SPGX-MC	11,509 *0,453*	3,97 *0,156*	03134323
SPGX12T3-MC	SPGX-MC	12,7 *0,5*	3,97 *0,156*	03134324
SPGX1504-MC	SPGX-MC	15,875 *0,625*	4,76 *0,187*	03134325
SPGX1904-MC	SPGX-MC	19,05 *0,75*	4,76 *0,187*	03134326

Plaquettes indexables – plaquette périphérique, type 85*
pour SD572



Tolérances :
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

*Brise-copeaux pour faibles avances et bon état de surface dans toutes les matières

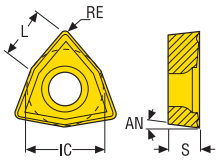
WCMX-85



Références	Plaquettes	IC	L	S	RE	Nuances
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	**DP3000**
WCMX040208-85	WCMX-85	6,35 *0,25*	3,99 *0,157*	2,38 *0,094*	0,8 *0,031*	02807375
WCMX050308-85	WCMX-85	7,94 *0,313*	5,07 *0,2*	3,18 *0,125*	0,8 *0,031*	02807376
WCMX06T308-85	WCMX-85	9,525 *0,375*	6,14 *0,242*	3,97 *0,156*	0,8 *0,031*	02807377
WCMX080412-85	WCMX-85	12,7 *0,5*	8,14 *0,32*	4,76 *0,187*	1,2 *0,047*	02807378

Plaquette au centre, plaquette périphérique type 86**

pour SD572



Tolérances :
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

**Brise-copeaux pour fortes avances dans l'acier, l'inox et la fonte

WCMX-86



Références	Plaquettes	IC	L	S	RE	Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	T400D	DP2000	DP3000
WCMX030208-86	WCMX-86	5,556 *0,219*	3,46 *0,136*	2,38 *0,094*	0,8 *0,031*	02506629	02899808	02807379
WCMX040208-86	WCMX-86	6,35 *0,25*	3,99 *0,157*	2,38 *0,094*	0,8 *0,031*	02506638	02899809	02807380
WCMX050308-86	WCMX-86	7,94 *0,313*	5,07 *0,2*	3,18 *0,125*	0,8 *0,031*	02506640	02899810	02807381
WCMX06T308-86	WCMX-86	9,525 *0,375*	6,14 *0,242*	3,97 *0,156*	0,8 *0,031*	02506645	02899811	02807382
WCMX080412-86	WCMX-86	12,7 *0,5*	8,14 *0,32*	4,76 *0,187*	1,2 *0,047*	02506646	02899812	02807383

SD522 ∅ **15-60 mm** / *0.590-2.375 pouces*

SMG		f							v_c
		Ø 15,00-19,49 *Ø 0.590-0.767*	Ø 19,50-22,49 *Ø 0.768-0.885*	Ø 22,50-28,49 *Ø 0.886-1.121*	Ø 28,50-34,49 *Ø 1.122-1.357*	Ø 34,50-40,49 *Ø1.358-1.593*	Ø 40,49-44,49 *Ø 1.594-1.751*	Ø 44,50-59,99 *Ø 1.752-2.375*	
P1	P1 DP2000	0,060	0,070	0,085	0,095	0,11	0,12	0,13	460
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*1500*
P2	P1 DP2000	0,060	0,070	0,085	0,10	0,11	0,12	0,13	450
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0048*	*0.0050*	*1475*
P3	P2 DP3000	0,12	0,14	0,17	0,19	0,22	0,22	0,26	345
	P2 DP3000	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*1125*
P4	P2 DP3000	0,12	0,13	0,16	0,19	0,22	0,22	0,25	220
	P2 DP3000	*0.0048*	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*720*
P5	P2 DP3000	0,11	0,13	0,16	0,18	0,20	0,22	0,25	210
	P2 DP3000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*690*
P6	P2 DP3000	0,11	0,13	0,16	0,18	0,20	0,22	0,25	235
	P2 DP3000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*770*
P7	P2 DP3000	0,11	0,13	0,16	0,18	0,20	0,22	0,25	225
	P2 DP3000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*740*
P8	P2 DP3000	0,12	0,14	0,17	0,19	0,22	0,22	0,26	210
	P2 DP3000	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*690*
P11	P2 DP3000	0,11	0,13	0,16	0,18	0,20	0,22	0,25	215
	P2 DP3000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*710*
P12	P2 DP3000	0,075	0,090	0,11	0,12	0,14	0,15	0,17	130
	P2 DP3000	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*425*
M1	P2 DP3000	0,085	0,10	0,12	0,14	0,16	0,17	0,19	260
	P2 DP3000	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*850*
M2	P2 DP3000	0,080	0,090	0,11	0,13	0,14	0,15	0,17	210
	P2 DP3000	*0.0032*	*0.0036*	*0.0044*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*690*
M3	MP DS2050	0,065	0,075	0,090	0,10	0,12	0,13	0,14	160
	MP DS2050	*0.0026*	*0.0030*	*0.0036*	*0.0040*	*0.0048*	*0.0050*	*0.0055*	*520*
M4	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	140
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*460*
M5	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	115
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*375*
K1	P2 DP2000	0,12	0,14	0,17	0,20	0,22	0,24	0,26	250
	P2 DP2000	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*820*
K2	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	215
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*710*
K3	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	185
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*610*
K4	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	175
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*570*
K5	P2 DP2000	0,10	0,11	0,14	0,16	0,18	0,19	0,22	105
	P2 DP2000	*0.0040*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0085*	*345*
N1	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	365
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*1200*
N2	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	235
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*770*
N3	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	155
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*510*
N11	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	310
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*1025*
S1	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	60
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*195*
S2	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	48
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*155*
S3	MP DS2050	0,085	0,10	0,12	0,14	0,16	0,17	0,19	41
	MP DS2050	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*135*
S11	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	85
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*280*
S12	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	65
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*215*
S13	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	50
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*165*
H3	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	70
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*230*
H5	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	130
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*425*
H7	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	70
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*230*
H8	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	130
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*425*
H11	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	165
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*540*
H12	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	150
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*490*
H21	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	130
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*425*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD522 Vitesse de coupe

SMG	v_c			
	DP2000	DP3000	T250D	DS2050
P1	460 *1500*	415 *1350*	315 *1025*	415 *1350*
P2	450 *1475*	405 *1325*	305 *1000*	405 *1325*
P3	385 *1275*	345 *1125*	265 *870*	345 *1125*
P4	285 *940*	220 *720*	140 *460*	— —
P5	270 *890*	210 *690*	135 *445*	— —
P6	305 *1000*	235 *770*	150 *490*	— —
P7	285 *940*	225 *740*	140 *460*	— —
P8	270 *890*	210 *690*	135 *445*	— —
P11	280 *920*	215 *710*	140 *460*	— —
P12	165 *540*	130 *425*	80 *260*	— —
M1	— —	260 *850*	160 *520*	— —
M2	— —	210 *690*	130 *425*	— —
M3	— —	160 *520*	100 *330*	160 *520*
M4	— —	120 *395*	75 *245*	140 *460*
M5	— —	100 *330*	60 *195*	115 *375*
K1	250 *820*	235 *770*	— —	— —
K2	215 *710*	205 *670*	— —	— —
K3	185 *610*	175 *570*	— —	— —
K4	175 *570*	165 *540*	— —	— —
K5	105 *345*	100 *330*	— —	— —
N1	— —	420 *1375*	365 *1200*	365 *1200*
N2	— —	270 *890*	235 *770*	235 *770*
N3	— —	180 *590*	155 *510*	155 *510*
N11	— —	350 *1150*	310 *1025*	310 *1025*
S1	— —	— —	40 *130*	60 *195*
S2	— —	— —	30 *100*	48 *155*
S3	— —	— —	30 *100*	41 *135*
S11	— —	— —	80 *260*	85 *280*
S12	— —	— —	60 *195*	65 *215*
S13	— —	— —	46 *150*	50 *165*
H3	— —	70 *230*	70 *230*	— —
H5	— —	130 *425*	130 *425*	— —
H7	— —	70 *230*	70 *230*	— —
H8	— —	130 *425*	130 *425*	— —
H11	— —	165 *540*	165 *540*	— —
H12	— —	75 *245*	150 *490*	— —
H21	— —	130 *425*	130 *425*	— —

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD523 ∅ **15-60 mm** / *0.590-2.375 pouces*

SMG		f							v_c
		Ø 15,00-19,49 *Ø 0.590-0.767*	Ø 19,50-22,49 *Ø 0.768-0.885*	Ø 22,50-28,49 *Ø 0.886-1.121*	Ø 28,50-34,49 *Ø 1.122-1.357*	Ø 34,50-40,49 *Ø1.358-1.593*	Ø 40,49-44,49 *Ø 1.594-1.751*	Ø 44,50-59,99 *Ø 1.752-2.375*	
P1	P1 DP2000	0,060	0,070	0,085	0,095	0,11	0,12	0,13	415
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*1350*
P2	P1 DP2000	0,060	0,070	0,085	0,10	0,11	0,12	0,13	405
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0048*	*0.0050*	*1325*
P3	P2 DP3000	0,12	0,14	0,17	0,19	0,22	0,22	0,26	310
	P2 DP3000	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*1025*
P4	P2 DP3000	0,12	0,13	0,16	0,19	0,22	0,22	0,25	190
	P2 DP3000	*0.0048*	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*620*
P5	P2 DP3000	0,11	0,13	0,16	0,18	0,20	0,22	0,25	180
	P2 DP3000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*590*
P6	P2 DP3000	0,11	0,13	0,16	0,18	0,20	0,22	0,25	200
	P2 DP3000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*660*
P7	P2 DP3000	0,11	0,13	0,16	0,18	0,20	0,22	0,25	190
	P2 DP3000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*620*
P8	P2 DP3000	0,12	0,14	0,17	0,19	0,22	0,22	0,26	180
	P2 DP3000	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*590*
P11	P2 DP3000	0,11	0,13	0,16	0,18	0,20	0,22	0,25	185
	P2 DP3000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*610*
P12	P2 DP3000	0,075	0,090	0,11	0,12	0,14	0,15	0,17	110
	P2 DP3000	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*360*
M1	P2 DP3000	0,085	0,10	0,12	0,14	0,16	0,17	0,19	245
	P2 DP3000	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*800*
M2	P2 DP3000	0,080	0,090	0,11	0,13	0,14	0,15	0,17	195
	P2 DP3000	*0.0032*	*0.0036*	*0.0044*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*640*
M3	MP DS2050	0,065	0,075	0,090	0,10	0,12	0,13	0,14	150
	MP DS2050	*0.0026*	*0.0030*	*0.0036*	*0.0040*	*0.0048*	*0.0050*	*0.0055*	*490*
M4	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	120
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*395*
M5	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	100
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*330*
K1	P2 DP2000	0,12	0,14	0,17	0,20	0,22	0,24	0,26	225
	P2 DP2000	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*740*
K2	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	195
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*640*
K3	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	165
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*540*
K4	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	160
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*520*
K5	P2 DP2000	0,10	0,11	0,14	0,16	0,18	0,19	0,22	95
	P2 DP2000	*0.0040*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0085*	*310*
N1	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	310
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*1025*
N2	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	200
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*660*
N3	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	135
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*445*
N11	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	260
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*850*
S1	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	55
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*180*
S2	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	43
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*140*
S3	MP DS2050	0,085	0,10	0,12	0,14	0,16	0,17	0,19	37
	MP DS2050	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*120*
S11	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	75
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*245*
S12	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	60
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*195*
S13	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	45
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*150*
H3	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	60
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*195*
H5	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	110
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*360*
H7	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	60
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*195*
H8	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	110
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*360*
H11	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	140
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*460*
H12	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	130
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*425*
H21	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	110
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*360*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD523 Vitesse de coupe

SMG	v_c			
	DP2000	DP3000	T250D	DS2050
P1	415 *1350*	370 *1225*	265 *870*	370 *1225*
P2	405 *1325*	360 *1175*	260 *850*	360 *1175*
P3	345 *1125*	310 *1025*	225 *740*	310 *1025*
P4	230 *750*	190 *620*	120 *395*	— —
P5	220 *720*	180 *590*	115 *375*	— —
P6	250 *820*	200 *660*	130 *425*	— —
P7	235 *770*	190 *620*	120 *395*	— —
P8	220 *720*	180 *590*	115 *375*	— —
P11	225 *740*	185 *610*	115 *375*	— —
P12	135 *445*	110 *360*	70 *230*	— —
M1	— —	245 *800*	135 *445*	— —
M2	— —	195 *640*	110 *360*	— —
M3	— —	150 *490*	85 *280*	150 *490*
M4	— —	115 *375*	65 *215*	120 *395*
M5	— —	95 *310*	55 *180*	100 *330*
K1	225 *740*	215 *710*	— —	— —
K2	195 *640*	185 *610*	— —	— —
K3	165 *540*	160 *520*	— —	— —
K4	160 *520*	150 *490*	— —	— —
K5	95 *310*	90 *295*	— —	— —
N1	— —	360 *1175*	310 *1025*	310 *1025*
N2	— —	230 *750*	200 *660*	200 *660*
N3	— —	155 *510*	135 *445*	135 *445*
N11	— —	300 *980*	260 *850*	260 *850*
S1	— —	— —	34 *110*	55 *180*
S2	— —	— —	25 *80*	43 *140*
S3	— —	— —	25 *80*	37 *120*
S11	— —	— —	65 *215*	75 *245*
S12	— —	— —	50 *165*	60 *195*
S13	— —	— —	39 *130*	45 *150*
H3	— —	60 *195*	60 *195*	— —
H5	— —	115 *375*	110 *360*	— —
H7	— —	60 *195*	60 *195*	— —
H8	— —	115 *375*	110 *360*	— —
H11	— —	145 *475*	140 *460*	— —
H12	— —	65 *215*	130 *425*	— —
H21	— —	115 *375*	110 *360*	— —

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD524 ∅ **17-60 mm** / *0.590-2.375 pouces*

SMG		f							v_c
		Ø 15,00-19,49 *Ø 0.590-0.767*	Ø 19,50-22,49 *Ø 0.768-0.885*	Ø 22,50-28,49 *Ø 0.886-1.121*	Ø 28,50-34,49 *Ø 1.122-1.357*	Ø 34,50-40,49 *Ø1.358-1.593*	Ø 40,49-44,49 *Ø 1.594-1.751*	Ø 44,50-59,99 *Ø 1.752-2.375*	
P1	P1 DP2000 *P1 DP2000*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,12 *0.0048*	0,13 *0.0050*	380 *1250*
P2	P1 DP2000 *P1 DP2000*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	0,13 *0.0050*	370 *1225*
P3	P2 DP3000 *P2 DP3000*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	0,26 *0.010*	285 *940*
P4	P2 DP3000 *P2 DP3000*	0,12 *0.0048*	0,13 *0.0050*	0,16 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	0,25 *0.010*	165 *540*
P5	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,25 *0.010*	160 *520*
P6	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,25 *0.010*	180 *590*
P7	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,25 *0.010*	170 *560*
P8	P2 DP3000 *P2 DP3000*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	0,26 *0.010*	160 *520*
P11	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,25 *0.010*	165 *540*
P12	P2 DP3000 *P2 DP3000*	0,075 *0.0030*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	95 *310*
M1	P2 DP3000 *P2 DP3000*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	235 *770*
M2	P2 DP3000 *P2 DP3000*	0,080 *0.0032*	0,090 *0.0036*	0,11 *0.0044*	0,13 *0.0050*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	190 *620*
M3	MP DS2050 *MP DS2050*	0,065 *0.0026*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	145 *475*
M4	MP DS2050 *MP DS2050*	0,055 *0.0022*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	105 *345*
M5	MP DS2050 *MP DS2050*	0,055 *0.0022*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	90 *295*
K1	P2 DP2000 *P2 DP2000*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	210 *690*
K2	P2 DP2000 *P2 DP2000*	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	180 *590*
K3	P2 DP2000 *P2 DP2000*	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	155 *510*
K4	P2 DP2000 *P2 DP2000*	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	145 *475*
K5	P2 DP2000 *P2 DP2000*	0,10 *0.0040*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,22 *0.0085*	85 *280*
N1	P1 T250D *P1 T250D*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	270 *890*
N2	P1 T250D *P1 T250D*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	175 *570*
N3	P1 T250D *P1 T250D*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	115 *375*
N11	P1 T250D *P1 T250D*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	230 *750*
S1	MP DS2050 *MP DS2050*	0,090 *0.0036*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	48 *155*
S2	MP DS2050 *MP DS2050*	0,090 *0.0036*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	39 *130*
S3	MP DS2050 *MP DS2050*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	33 *110*
S11	MP DS2050 *MP DS2050*	0,11 *0.0044*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,24 *0.0095*	70 *230*
S12	MP DS2050 *MP DS2050*	0,11 *0.0044*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,24 *0.0095*	55 *180*
S13	MP DS2050 *MP DS2050*	0,090 *0.0036*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	41 *135*
H3	P1 T250D *P1 T250D*	0,050 *0.0020*	0,060 *0.0024*	0,070 *0.0028*	0,080 *0.0032*	0,095 *0.0038*	0,10 *0.0040*	0,11 *0.0044*	50 *165*
H5	P1 T250D *P1 T250D*	0,075 *0.0030*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	95 *310*
H7	P1 T250D *P1 T250D*	0,050 *0.0020*	0,060 *0.0024*	0,070 *0.0028*	0,080 *0.0032*	0,095 *0.0038*	0,10 *0.0040*	0,11 *0.0044*	50 *165*
H8	P1 T250D *P1 T250D*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	0,13 *0.0050*	95 *310*
H11	P1 T250D *P1 T250D*	0,075 *0.0030*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	125 *410*
H12	P1 T250D *P1 T250D*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	0,13 *0.0050*	110 *360*
H21	P1 T250D *P1 T250D*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	0,13 *0.0050*	95 *310*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD524 Vitesse de coupe

SMG	v_c			
	DP2000	DP3000	T250D	DS2050
P1	380 *1250*	340 *1125*	230 *750*	340 *1125*
P2	370 *1225*	330 *1075*	225 *740*	330 *1075*
P3	320 *1050*	285 *940*	195 *640*	285 *940*
P4	195 *640*	165 *540*	105 *345*	—
P5	185 *610*	160 *520*	100 *330*	—
P6	210 *690*	180 *590*	110 *360*	—
P7	195 *640*	170 *560*	105 *345*	—
P8	185 *610*	160 *520*	100 *330*	—
P11	190 *620*	165 *540*	100 *330*	—
P12	110 *360*	95 *310*	60 *195*	—
M1	— —	235 *770*	120 *395*	—
M2	— —	190 *620*	95 *310*	—
M3	— —	145 *475*	75 *245*	145 *475*
M4	— —	110 *360*	55 *180*	105 *345*
M5	— —	90 *295*	46 *150*	90 *295*
K1	210 *690*	200 *660*	— —	— —
K2	180 *590*	170 *560*	— —	— —
K3	155 *510*	145 *475*	— —	— —
K4	145 *475*	140 *460*	— —	— —
K5	85 *280*	85 *280*	— —	— —
N1	— —	315 *1025*	270 *890*	270 *890*
N2	— —	205 *670*	175 *570*	175 *570*
N3	— —	135 *445*	115 *375*	115 *375*
N11	— —	265 *870*	230 *750*	230 *750*
S1	— —	— —	29 *95*	48 *155*
S2	— —	— —	22 *70*	39 *130*
S3	— —	— —	22 *70*	33 *110*
S11	— —	— —	55 *180*	70 *230*
S12	— —	— —	44 *145*	55 *180*
S13	— —	— —	34 *110*	41 *135*
H3	— —	55 *180*	50 *165*	— —
H5	— —	100 *330*	95 *310*	— —
H7	— —	55 *180*	50 *165*	— —
H8	— —	100 *330*	95 *310*	— —
H11	— —	125 *410*	125 *410*	— —
H12	— —	55 *180*	110 *360*	— —
H21	— —	100 *330*	95 *310*	— —

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD525 ∅ **19-45 mm** / *0.768-2.000 pouces*

SMG		f					v_c
		Ø 19,50-22,49 *Ø 0.768-0.885*	Ø 22,50-28,49 *Ø 0.886-1.121*	Ø 28,50-34,49 *Ø 1.122-1.357*	Ø 34,50-40,49 *Ø1.358-1.593*	Ø 40,49-45,00 *Ø 1.594-2.000*	
P1	P2 DP3000 *P2 DP3000*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,12 *0.0048*	320 *1050*
P2	P2 DP3000 *P2 DP3000*	0,070 *0.0028*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	310 *1025*
P3	P2 DP3000 *P2 DP3000*	0,14 *0.0055*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	265 *870*
P4	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,16 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	150 *490*
P5	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	140 *460*
P6	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	160 *520*
P7	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	150 *490*
P8	P2 DP3000 *P2 DP3000*	0,14 *0.0055*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	140 *460*
P11	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	145 *475*
P12	P2 DP3000 *P2 DP3000*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	85 *280*
M1	P2 DP3000 *P2 DP3000*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	225 *740*
M2	P2 DP3000 *P2 DP3000*	0,090 *0.0036*	0,11 *0.0044*	0,13 *0.0050*	0,14 *0.0055*	0,15 *0.0060*	180 *590*
M3	MP DS2050 *MP DS2050*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	140 *460*
M4	MP DS2050 *MP DS2050*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	95 *310*
M5	MP DS2050 *MP DS2050*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	80 *260*
K1	P2 DP3000 *P2 DP3000*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	185 *610*
K2	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	160 *520*
K3	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	135 *445*
K4	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	130 *425*
K5	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	80 *260*
N1	P1 T250D *P1 T250D*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	240 *790*
N2	P1 T250D *P1 T250D*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	155 *510*
N3	P1 T250D *P1 T250D*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	100 *330*
N11	P1 T250D *P1 T250D*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	200 *660*
S1	MP DS2050 *MP DS2050*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	44 *145*
S2	MP DS2050 *MP DS2050*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	36 *120*
S3	MP DS2050 *MP DS2050*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	31 *100*
S11	MP DS2050 *MP DS2050*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	65 *215*
S12	MP DS2050 *MP DS2050*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	49 *160*
S13	MP DS2050 *MP DS2050*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	38 *125*
H3	P1 T250D *P1 T250D*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,10 *0.0040*	46 *150*
H5	P1 T250D *P1 T250D*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	85 *280*
H7	P1 T250D *P1 T250D*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,10 *0.0040*	46 *150*
H8	P1 T250D *P1 T250D*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	85 *280*
H11	P1 T250D *P1 T250D*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	110 *360*
H12	P1 T250D *P1 T250D*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	100 *330*
H21	P1 T250D *P1 T250D*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	85 *280*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD525 Vitesse de coupe

SMG	v_c			
	DP2000	DP3000	T250D	DS2050
P1	355 *1175*	320 *1050*	205 *670*	320 *1050*
P2	345 *1125*	310 *1025*	200 *660*	310 *1025*
P3	295 *970*	265 *870*	170 *560*	265 *870*
P4	165 *540*	150 *490*	90 *295*	— —
P5	155 *510*	140 *460*	90 *295*	— —
P6	175 *570*	160 *520*	100 *330*	— —
P7	165 *540*	150 *490*	95 *310*	— —
P8	155 *510*	140 *460*	90 *295*	— —
P11	160 *520*	145 *475*	90 *295*	— —
P12	95 *310*	85 *280*	55 *180*	— —
M1	— —	225 *740*	105 *345*	— —
M2	— —	180 *590*	85 *280*	— —
M3	— —	140 *460*	65 *215*	140 *460*
M4	— —	105 *345*	49 *160*	95 *310*
M5	— —	85 *280*	41 *135*	80 *260*
K1	195 *640*	185 *610*	— —	— —
K2	170 *560*	160 *520*	— —	— —
K3	145 *475*	135 *445*	— —	— —
K4	140 *460*	130 *425*	— —	— —
K5	80 *260*	80 *260*	— —	— —
N1	— —	285 *940*	240 *790*	240 *790*
N2	— —	185 *610*	155 *510*	155 *510*
N3	— —	120 *395*	100 *330*	100 *330*
N11	— —	235 *770*	200 *660*	200 *660*
S1	— —	— —	26 *85*	44 *145*
S2	— —	— —	20 *65*	36 *120*
S3	— —	— —	20 *65*	31 *100*
S11	— —	— —	50 *165*	65 *215*
S12	— —	— —	39 *130*	49 *160*
S13	— —	— —	30 *100*	38 *125*
H3	— —	48 *155*	46 *150*	— —
H5	— —	90 *295*	85 *280*	— —
H7	— —	48 *155*	46 *150*	— —
H8	— —	90 *295*	85 *280*	— —
H11	— —	115 *375*	110 *360*	— —
H12	— —	50 *165*	100 *330*	— —
H21	— —	90 *295*	85 *280*	— —

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD542 ∅ 60-85 mm / *2.250-3.500 pouces*

SMG		f		v_c
		Ø 60,00-65,00 *Ø 2.250-2.559*	Ø 70,00-85,00 *Ø 2.750-3.500*	
P1	P2 DP3000 *P2 DP3000*	0,095 *0.0038*	0,12 *0.0048*	390 *1275*
P2	P2 DP3000 *P2 DP3000*	0,10 *0.0040*	0,12 *0.0048*	380 *1250*
P3	P2 DP3000 *P2 DP3000*	0,19 *0.0075*	0,22 *0.0085*	325 *1075*
P4	P2 DP3000 *P2 DP3000*	0,19 *0.0075*	0,22 *0.0085*	205 *670*
P5	P2 DP3000 *P2 DP3000*	0,18 *0.0070*	0,22 *0.0085*	195 *640*
P6	P2 DP3000 *P2 DP3000*	0,18 *0.0070*	0,22 *0.0085*	220 *720*
P7	P2 DP3000 *P2 DP3000*	0,18 *0.0070*	0,22 *0.0085*	205 *670*
P8	P2 DP3000 *P2 DP3000*	0,19 *0.0075*	0,22 *0.0085*	195 *640*
P11	P2 DP3000 *P2 DP3000*	0,18 *0.0070*	0,22 *0.0085*	200 *660*
P12	P2 DP3000 *P2 DP3000*	0,12 *0.0048*	0,15 *0.0060*	120 *395*
M1	P2 DP3000 *P2 DP3000*	0,14 *0.0055*	0,17 *0.0065*	250 *820*
M2	P2 DP3000 *P2 DP3000*	0,13 *0.0050*	0,15 *0.0060*	205 *670*
M3	P1 T250D *P1 T250D*	0,10 *0.0040*	0,12 *0.0048*	90 *295*
M4	P1 T250D *P1 T250D*	0,090 *0.0036*	0,11 *0.0044*	70 *230*
M5	P1 T250D *P1 T250D*	0,090 *0.0036*	0,11 *0.0044*	55 *180*
K1	P2 DP3000 *P2 DP3000*	0,20 *0.0080*	0,24 *0.0095*	225 *740*
K2	P2 DP3000 *P2 DP3000*	0,18 *0.0070*	0,22 *0.0085*	195 *640*
K3	P2 DP3000 *P2 DP3000*	0,18 *0.0070*	0,22 *0.0085*	165 *540*
K4	P2 DP3000 *P2 DP3000*	0,18 *0.0070*	0,22 *0.0085*	160 *520*
K5	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,19 *0.0075*	95 *310*
N1	P1 T250D *P1 T250D*	0,20 *0.0080*	0,24 *0.0095*	335 *1100*
N2	P1 T250D *P1 T250D*	0,20 *0.0080*	0,24 *0.0095*	215 *710*
N3	P1 T250D *P1 T250D*	0,20 *0.0080*	0,24 *0.0095*	145 *475*
N11	P1 T250D *P1 T250D*	0,20 *0.0080*	0,24 *0.0095*	285 *940*
S1	MP DS2050 *MP DS2050*	0,15 *0.0060*	0,18 *0.0070*	55 *180*
S2	MP DS2050 *MP DS2050*	0,15 *0.0060*	0,18 *0.0070*	45 *150*
S3	MP DS2050 *MP DS2050*	0,14 *0.0055*	0,17 *0.0065*	39 *130*
S11	MP DS2050 *MP DS2050*	0,17 *0.0065*	0,20 *0.0080*	80 *260*
S12	MP DS2050 *MP DS2050*	0,17 *0.0065*	0,20 *0.0080*	60 *195*
S13	MP DS2050 *MP DS2050*	0,15 *0.0060*	0,18 *0.0070*	48 *155*
H3	P1 T250D *P1 T250D*	0,080 *0.0032*	0,10 *0.0040*	65 *215*
H5	P1 T250D *P1 T250D*	0,12 *0.0048*	0,15 *0.0060*	120 *395*
H7	P1 T250D *P1 T250D*	0,080 *0.0032*	0,10 *0.0040*	65 *215*
H8	P1 T250D *P1 T250D*	0,095 *0.0038*	0,11 *0.0044*	120 *395*
H11	P1 T250D *P1 T250D*	0,12 *0.0048*	0,15 *0.0060*	155 *510*
H12	P1 T250D *P1 T250D*	0,095 *0.0038*	0,11 *0.0044*	140 *460*
H21	P1 T250D *P1 T250D*	0,095 *0.0038*	0,11 *0.0044*	120 *395*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD542 Vitesse de coupe

SMG	v_c			
	DP2000	DP3000	T250D	DS2050
P1	435 *1425*	390 *1275*	290 *950*	390 *1275*
P2	425 *1400*	380 *1250*	280 *920*	380 *1250*
P3	365 *1200*	325 *1075*	240 *790*	325 *1075*
P4	255 *840*	205 *670*	130 *425*	— —
P5	245 *800*	195 *640*	125 *410*	— —
P6	275 *900*	220 *720*	140 *460*	— —
P7	260 *850*	205 *670*	130 *425*	— —
P8	245 *800*	195 *640*	125 *410*	— —
P11	250 *820*	200 *660*	125 *410*	— —
P12	150 *490*	120 *395*	75 *245*	— —
M1	— —	250 *820*	150 *490*	— —
M2	— —	205 *670*	120 *395*	— —
M3	— —	155 *510*	90 *295*	155 *510*
M4	— —	115 *375*	70 *230*	130 *425*
M5	— —	95 *310*	55 *180*	105 *345*
K1	235 *770*	225 *740*	— —	— —
K2	205 *670*	195 *640*	— —	— —
K3	175 *570*	165 *540*	— —	— —
K4	165 *540*	160 *520*	— —	— —
K5	100 *330*	95 *310*	— —	— —
N1	— —	390 *1275*	335 *1100*	335 *1100*
N2	— —	250 *820*	215 *710*	215 *710*
N3	— —	165 *540*	145 *475*	145 *475*
N11	— —	325 *1075*	285 *940*	285 *940*
S1	— —	— —	37 *120*	55 *180*
S2	— —	— —	27 *90*	45 *150*
S3	— —	— —	27 *90*	39 *130*
S11	— —	— —	70 *230*	80 *260*
S12	— —	— —	55 *180*	60 *195*
S13	— —	— —	43 *140*	48 *155*
H3	— —	65 *215*	65 *215*	— —
H5	— —	120 *395*	120 *395*	— —
H7	— —	65 *215*	65 *215*	— —
H8	— —	120 *395*	120 *395*	— —
H11	— —	155 *510*	155 *510*	— —
H12	— —	70 *230*	140 *460*	— —
H21	— —	120 *395*	120 *395*	— —

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD572 ∅ **15-52 mm** / *0.590-2.0472 pouces*

SMG		f						v_c
		Ø 15,00-17,00 *Ø 0.590-0.669*	Ø 18,00-20,00 *Ø 0.670-0.787*	Ø 21,00-24,00 *Ø 0.788-0.944*	Ø 25,00-32,00 *Ø 0.945-1.259*	Ø 33,00-36,00 *Ø 1.260-1.417*	Ø 37,00-52,00 *Ø 1.418-1.850*	
P1	85 DP3000	0,042	0,042	0,048	0,060	0,070	0,085	310
	85 DP3000	*0.0017*	*0.0017*	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*1025*
P2	85 DP3000	0,042	0,042	0,050	0,060	0,070	0,085	305
	85 DP3000	*0.0017*	*0.0017*	*0.0020*	*0.0024*	*0.0028*	*0.0034*	*1000*
P3	86 DP3000	0,12	0,12	0,13	0,17	0,19	0,22	260
	86 DP3000	*0.0048*	*0.0048*	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*850*
P4	86 DP3000	0,11	0,11	0,13	0,16	0,19	0,22	230
	86 DP3000	*0.0044*	*0.0044*	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*750*
P5	86 DP3000	0,11	0,11	0,13	0,16	0,18	0,22	220
	86 DP3000	*0.0044*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0085*	*720*
P6	86 DP3000	0,11	0,11	0,13	0,16	0,18	0,22	245
	86 DP3000	*0.0044*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0085*	*800*
P7	86 DP3000	0,11	0,11	0,13	0,16	0,18	0,22	235
	86 DP3000	*0.0044*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0085*	*770*
P8	86 DP3000	0,12	0,12	0,13	0,17	0,19	0,22	220
	86 DP3000	*0.0048*	*0.0048*	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*720*
P11	86 DP3000	0,11	0,11	0,13	0,16	0,18	0,22	225
	86 DP3000	*0.0044*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0085*	*740*
P12	86 DP3000	0,075	0,075	0,085	0,11	0,12	0,15	135
	86 DP3000	*0.0030*	*0.0030*	*0.0034*	*0.0044*	*0.0048*	*0.0060*	*445*
M1	86 DP3000	0,075	0,075	0,085	0,11	0,12	0,15	235
	86 DP3000	*0.0030*	*0.0030*	*0.0034*	*0.0044*	*0.0048*	*0.0060*	*770*
M2	86 DP3000	0,070	0,070	0,080	0,10	0,11	0,14	190
	86 DP3000	*0.0028*	*0.0028*	*0.0032*	*0.0040*	*0.0044*	*0.0055*	*620*
M3	85 DP3000	0,034	0,034	0,040	0,048	0,055	0,070	145
	85 DP3000	*0.0013*	*0.0013*	*0.0016*	*0.0019*	*0.0022*	*0.0028*	*475*
M4	85 DP3000	0,030	0,030	0,034	0,042	0,050	0,060	110
	85 DP3000	*0.0012*	*0.0012*	*0.0013*	*0.0017*	*0.0020*	*0.0024*	*360*
M5	85 DP3000	0,030	0,030	0,034	0,042	0,050	0,060	90
	85 DP3000	*0.0012*	*0.0012*	*0.0013*	*0.0017*	*0.0020*	*0.0024*	*295*
K1	86 DP3000	0,12	0,12	0,14	0,17	0,20	0,24	180
	86 DP3000	*0.0048*	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*590*
K2	86 DP3000	0,11	0,11	0,13	0,16	0,18	0,22	155
	86 DP3000	*0.0044*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0085*	*510*
K3	86 DP3000	0,11	0,11	0,13	0,16	0,18	0,22	130
	86 DP3000	*0.0044*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0085*	*425*
K4	86 DP3000	0,11	0,11	0,13	0,16	0,18	0,22	125
	86 DP3000	*0.0044*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0085*	*410*
K5	86 DP3000	0,10	0,10	0,11	0,14	0,16	0,19	75
	86 DP3000	*0.0040*	*0.0040*	*0.0044*	*0.0055*	*0.0065*	*0.0075*	*245*
S1	85 DP3000	0,055	0,055	0,060	0,075	0,090	0,11	40
	85 DP3000	*0.0022*	*0.0022*	*0.0024*	*0.0030*	*0.0036*	*0.0044*	*130*
S2	85 DP3000	0,055	0,055	0,060	0,075	0,090	0,11	30
	85 DP3000	*0.0022*	*0.0022*	*0.0024*	*0.0030*	*0.0036*	*0.0044*	*100*
S3	85 DP3000	0,050	0,050	0,060	0,070	0,085	0,10	30
	85 DP3000	*0.0020*	*0.0020*	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*100*
S11	85 DP3000	0,060	0,060	0,070	0,090	0,10	0,12	80
	85 DP3000	*0.0024*	*0.0024*	*0.0028*	*0.0036*	*0.0040*	*0.0048*	*260*
S12	85 DP3000	0,060	0,060	0,070	0,090	0,10	0,12	60
	85 DP3000	*0.0024*	*0.0024*	*0.0028*	*0.0036*	*0.0040*	*0.0048*	*195*
S13	85 DP3000	0,055	0,055	0,060	0,075	0,090	0,11	47
	85 DP3000	*0.0022*	*0.0022*	*0.0024*	*0.0030*	*0.0036*	*0.0044*	*155*
H3	86 DP3000	0,050	0,050	0,060	0,070	0,085	0,10	80
	86 DP3000	*0.0020*	*0.0020*	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*260*
H5	86 DP3000	0,075	0,075	0,085	0,11	0,12	0,15	150
	86 DP3000	*0.0030*	*0.0030*	*0.0034*	*0.0044*	*0.0048*	*0.0060*	*490*
H7	86 DP3000	0,050	0,050	0,060	0,070	0,085	0,10	80
	86 DP3000	*0.0020*	*0.0020*	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*260*
H8	86 DP3000	0,060	0,060	0,065	0,085	0,095	0,11	150
	86 DP3000	*0.0024*	*0.0024*	*0.0026*	*0.0034*	*0.0038*	*0.0044*	*490*
H11	86 DP3000	0,075	0,075	0,085	0,11	0,12	0,15	195
	86 DP3000	*0.0030*	*0.0030*	*0.0034*	*0.0044*	*0.0048*	*0.0060*	*640*
H12	86 DP3000	0,060	0,060	0,065	0,085	0,095	0,11	80
	86 DP3000	*0.0024*	*0.0024*	*0.0026*	*0.0034*	*0.0038*	*0.0044*	*260*
H21	86 DP3000	0,060	0,060	0,065	0,085	0,095	0,11	150
	86 DP3000	*0.0024*	*0.0024*	*0.0026*	*0.0034*	*0.0038*	*0.0044*	*490*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD572 Vitesse de coupe

SMG	v_c
	DP2000
P1	375 *1225*
P2	365 *1200*
P3	315 *1025*
P4	280 *920*
P5	265 *870*
P6	300 *980*
P7	280 *920*
P8	265 *870*
P11	275 *900*
P12	160 *520*
M1	285 *940*
M2	230 *750*
M3	175 *570*
M4	130 *425*
M5	110 *360*
K1	215 *710*
K2	185 *610*
K3	160 *520*
K4	150 *490*
K5	90 *295*
S1	—
S2	—
S3	—
S11	—
S12	—
S13	—
H3	80 *260*
H5	150 *490*
H7	80 *260*
H8	150 *490*
H11	195 *640*
H12	95 *310*
H21	150 *490*

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD602 ∅ 60-160 mm / *2.362-6.300 pouces*

SMG		f					v_c
		Ø 60,00-69,99 *Ø 2.362-2.755*	Ø 70,00-91,99 *Ø 2.756-3.621*	Ø 92,00-110,99 *Ø 3.622-4.369*	Ø 111,00-134,99 *Ø 4.370-4.314*	Ø 135,00-160,00 *Ø 4.315-6.300*	
P1	P2 DP3000 *P2 DP3000*	0,085 *0.0034*	0,095 *0.0038*	0,12 *0.0048*	0,13 *0.0050*	0,12 *0.0048*	295 *970*
P2	P2 DP3000 *P2 DP3000*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,12 *0.0048*	285 *940*
P3	P2 DP3000 *P2 DP3000*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,26 *0.010*	0,22 *0.0085*	245 *800*
P4	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	130 *425*
P5	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	125 *410*
P6	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	140 *460*
P7	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	135 *445*
P8	P2 DP3000 *P2 DP3000*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,26 *0.010*	0,22 *0.0085*	125 *410*
P11	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	130 *425*
P12	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,15 *0.0060*	75 *245*
M1	P2 DP3000 *P2 DP3000*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,19 *0.0075*	0,17 *0.0065*	215 *710*
M2	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,15 *0.0060*	175 *570*
M3	P1 DP3000 *P1 DP3000*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,12 *0.0048*	135 *445*
M4	P1 DP3000 *P1 DP3000*	0,075 *0.0030*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,11 *0.0044*	100 *330*
M5	P1 DP3000 *P1 DP3000*	0,075 *0.0030*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,11 *0.0044*	85 *280*
K1	P2 DP3000 *P2 DP3000*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,24 *0.0095*	175 *570*
K2	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,24 *0.0095*	0,22 *0.0085*	150 *490*
K3	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,24 *0.0095*	0,22 *0.0085*	130 *425*
K4	P2 DP3000 *P2 DP3000*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,24 *0.0095*	0,22 *0.0085*	120 *395*
K5	P2 DP3000 *P2 DP3000*	0,14 *0.0055*	0,16 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,19 *0.0075*	75 *245*
H3	P2 DP3000 *P2 DP3000*	0,070 *0.0028*	0,080 *0.0032*	0,10 *0.0040*	0,11 *0.0044*	0,10 *0.0040*	42 *140*
H5	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,15 *0.0060*	80 *260*
H7	P2 DP3000 *P2 DP3000*	0,070 *0.0028*	0,080 *0.0032*	0,10 *0.0040*	0,11 *0.0044*	0,10 *0.0040*	42 *140*
H8	P2 DP3000 *P2 DP3000*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,13 *0.0050*	0,11 *0.0044*	80 *260*
H11	P2 DP3000 *P2 DP3000*	0,11 *0.0044*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,15 *0.0060*	100 *330*
H12	P2 DP3000 *P2 DP3000*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,13 *0.0050*	0,11 *0.0044*	45 *150*
H21	P2 DP3000 *P2 DP3000*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,13 *0.0050*	0,11 *0.0044*	80 *260*

SMG = Groupes matières Seco f = mm/rev (IPR) v_c = m/min (sf/min) Toutes les données sont des valeurs de départ

SD602 Vitesse de coupe

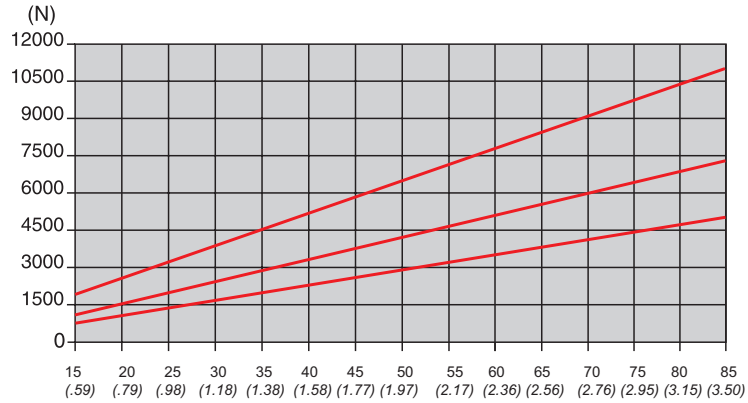
SMG	v_c	
	T250D	DS2050
P1	180 *590*	295 *970*
P2	175 *570*	285 *940*
P3	150 *490*	245 *800*
P4	80 *260*	— —
P5	75 *245*	— —
P6	85 *280*	— —
P7	80 *260*	— —
P8	75 *245*	— —
P11	80 *260*	— —
P12	46 *150*	— —
M1	90 *295*	— —
M2	75 *245*	— —
M3	55 *180*	135 *445*
M4	43 *140*	85 *280*
M5	36 *120*	70 *230*
K1	— —	— —
K2	— —	— —
K3	— —	— —
K4	— —	— —
K5	— —	— —
H3	40 *130*	— —
H5	75 *245*	— —
H7	40 *130*	— —
H8	75 *245*	— —
H11	95 *310*	— —
H12	85 *280*	— —
H21	75 *245*	— —

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

Paramètres de coupe SD522, SD523, SD524, SD525, SD542 et SD572 - Puissance requise, volume de lubrifiant et graphique des efforts de coupe

Les valeurs indiquées varient en fonction des conditions de coupe, de la matière, du rendement machine et de l'usure des plaquettes.
Les valeurs indiquées par les graphiques ci-dessous correspondent au groupe matières Seco (SMG) P5-P6 et à une vitesse de coupe de 200 m/min *(655 sf/min)*.

Force d'avance

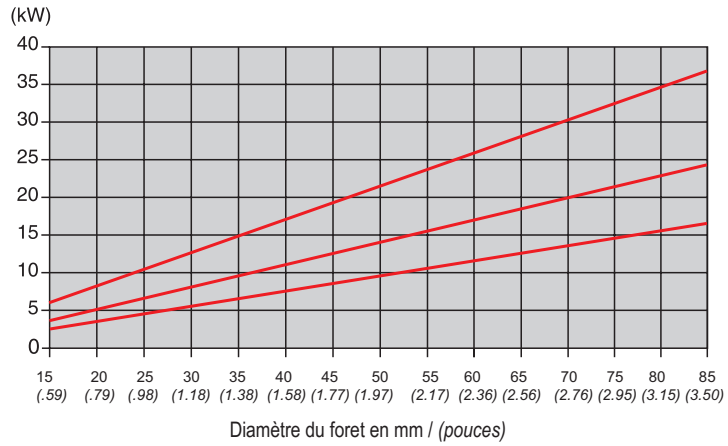


f = 0,18 mm/tr
(f = 0.007 pouce/tr)

f = 0,12 mm/tr
(f = 0.005 pouce/tr)

f = 0,08 mm/tr
(f = 0.003 pouce/tr)

Puissance réelle absorbée

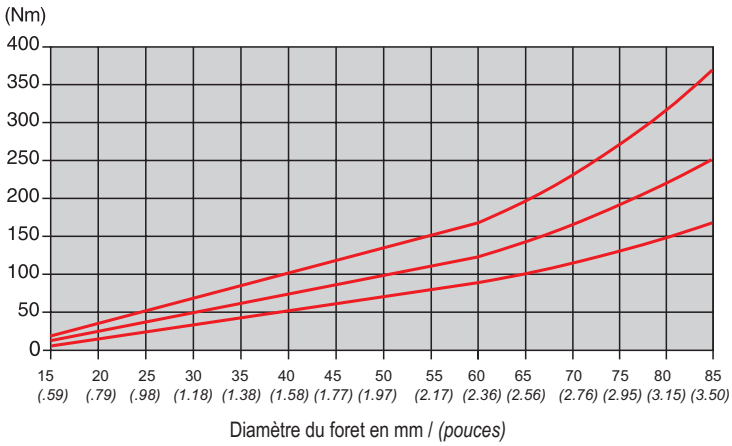


f = 0,18 mm/tr
(f = 0.007 pouce/tr)

f = 0,12 mm/tr
(f = 0.005 pouce/tr)

f = 0,08 mm/tr
(f = 0.003 pouce/tr)

Couple de perçage



f = 0,18 mm/tr
(f = 0.007 pouce/tr)

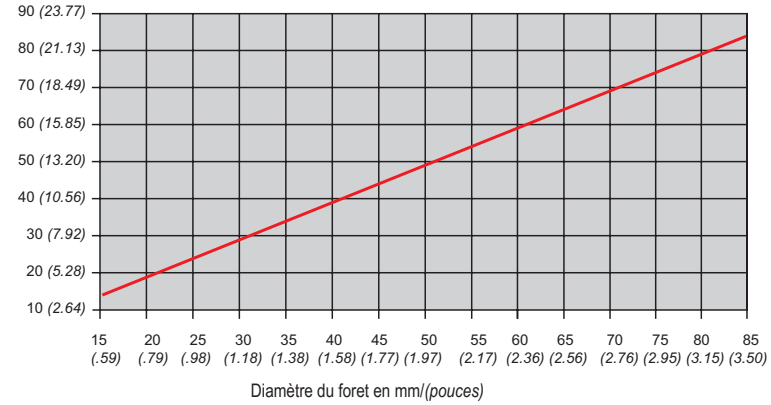
f = 0,12 mm/tr
(f = 0.005 pouce/tr)

f = 0,08 mm/tr
(f = 0.003 pouce/tr)

Conditions de coupe

Volume de lubrifiant requis

Litres/minute *(gallons/minute)*

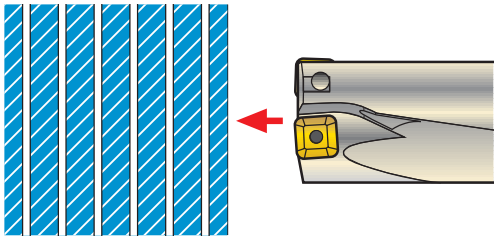


Pression recommandée (bar)

Pression recommandée en bar *(PSI)*

	Diamètre du foret mm (*pouces*)		
Profondeur de perçage	**15–25** *(0.591-0.984)*	**> 25–40** *> 0.984-1.575*	**> 40** *> 1.575*
< 3 x D	6 *(87)*	4,5 *(65)*	3 *(44)*
? 3 x D	12 *(174)*	9 *(130)*	6 *(87)*

Perçage de pièces empilées



Le perçage de plaques empilées sans espace entre ces plaques, max 0,2 mm *(0.008")*, peut être réalisé avec les forets SD522 2 x D, SD523 3 x D, SD542 2.5 x D et SD542 2.5 x D. Les éléments doivent être fixés avec soin, sans flexion possible pendant le passage de l'outil entre chaque plaque.

Conditions de coupe et choix de plaquettes pour perçage de pièces empilées

Géométrie de plaquette :	**Géométrie de plaquette**	**Nuance carbure**
Plaquette centrale	SPGX-C1	T400D
Plaquette périph.	SCGX-P2	DP3000

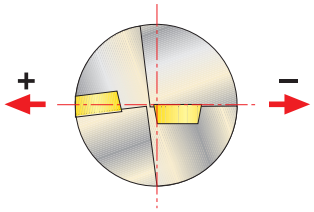
Vitesse de coupe : Voir les recommandations pour la nuance carbure DP3000
Avance/tour : Voir les recommandations pour la géométrie P2

En cas de problème lorsque le foret débouche entre les pièces, réduire l'avance/tour de 30 à 50 %.

Attention !
Dans le cas de pièces rotatives, le disque formé au débouché du foret peut être projeté violemment en dehors de la pièce.
Pour éviter les accidents, un dispositif de protection s'impose.

Recommandations

Réglage du diamètre des trous et recommandation de réglage
Les forets à plaquettes peuvent être décentrés pour obtenir un diamètre de trou plus petit ou plus grand que le foret en cours.
Pour les mesures, voir « Réglage radial » dans le tableau des données d'outil dans les pages du catalogue.



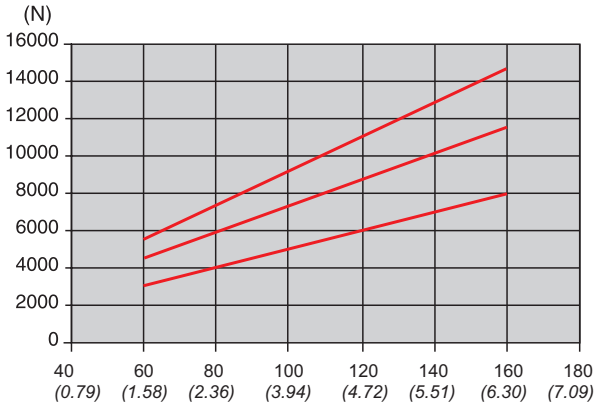
Outil rotatif
Un porte-outil réglable Seco est recommandé pour une précision de diamètre de trou IT10 lors de l'utilisation de SD522 et SD523, 3 x D comme forets tournants.

Outil statique
Lors du montage d'un foret, vérifier que les arêtes de coupe sont parallèles aux guides de la semelle et que l'axe du foret et celui de la pièce à usiner sont alignés. Pour obtenir un diamètre de trou plus grand, déplacer le foret de manière à ce que la plaquette périphérique s'éloigne de l'axe de la pièce à usiner.

Paramètres d'usinage SD602 – Puissance requise, volume de lubrifiant et graphiques des efforts de coupe

Les valeurs indiquées par les graphiques varient en fonction des paramètres de coupe, de la matière, avec un rendement de la machine de 80 %.
Les valeurs indiquées par les graphiques ci-dessous correspondent au SMG P5-P6 et à une vitesse de coupe de 200 m/min *(655 sf/min)*.

Force d'avance

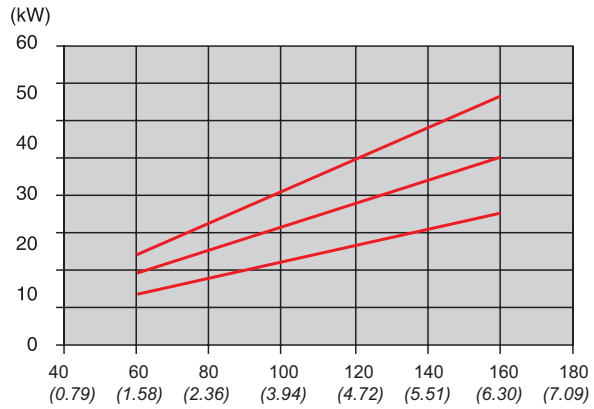


f = 0,18 mm/tr
(f = 0.007 pouce/tr)

f = 0,12 mm/tr
(f = 0.005 pouce/tr)

f = 0,08 mm/tr
(f = 0.003 pouce/tr)

Puissance réelle absorbée

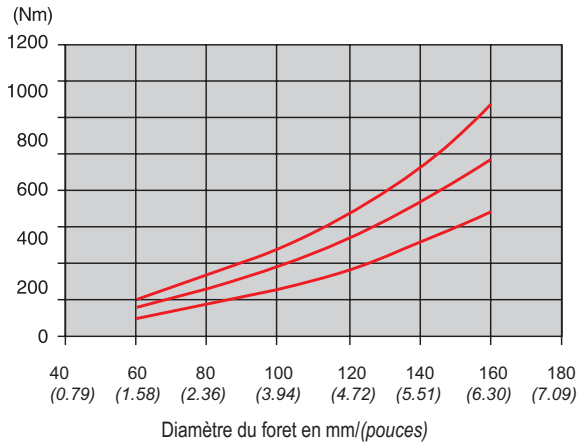


f = 0,18 mm/tr
(f = 0.007 pouce/tr)

f = 0,12 mm/tr
(f = 0.005 pouce/tr)

f = 0,08 mm/tr
(f = 0.003 pouce/tr)

Couple de perçage



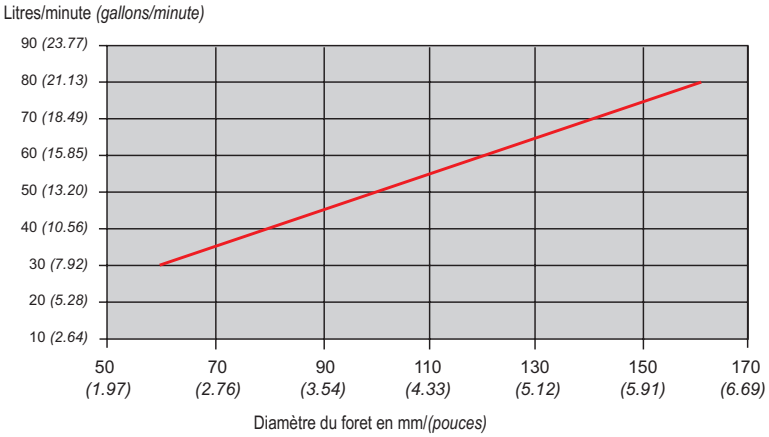
f = 0,18 mm/tr
(f = 0.007 pouce/tr)

f = 0,12 mm/tr
(f = 0.005 pouce/tr)

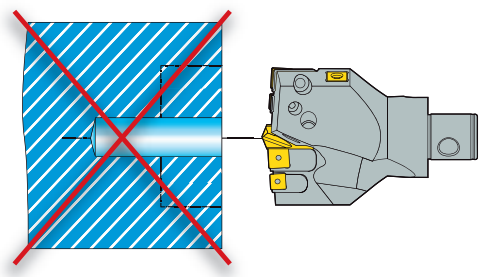
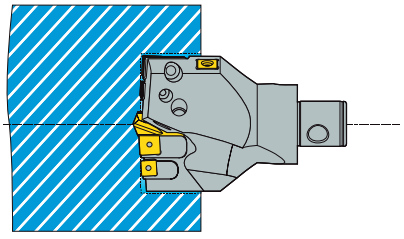
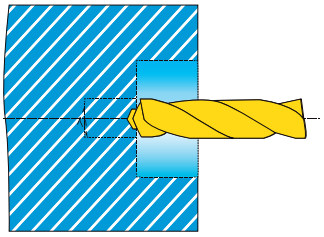
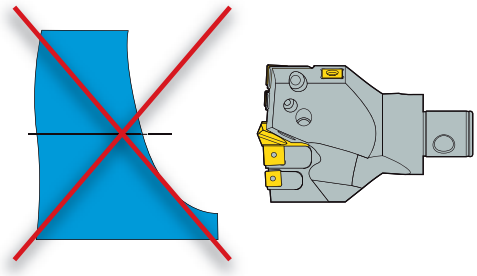
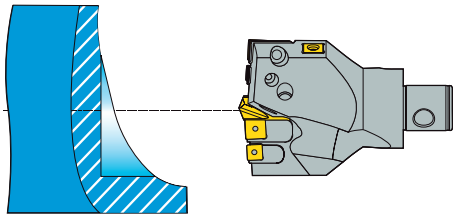
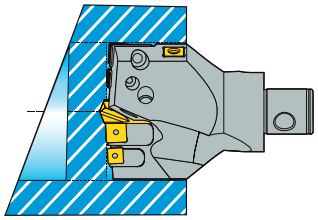
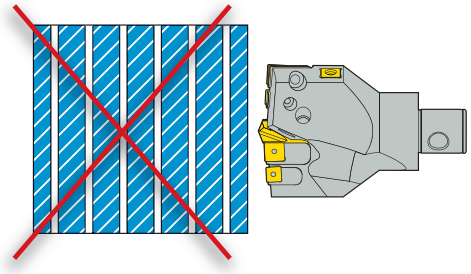
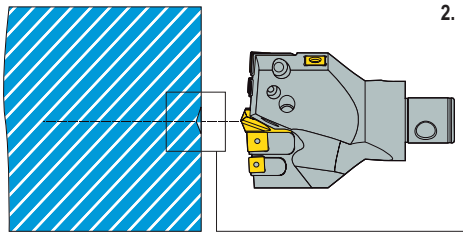
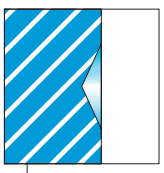
f = 0,08 mm/tr
(f = 0.003 pouce/tr)

Paramètres d'usinage SD602

Volume de lubrifiant requis



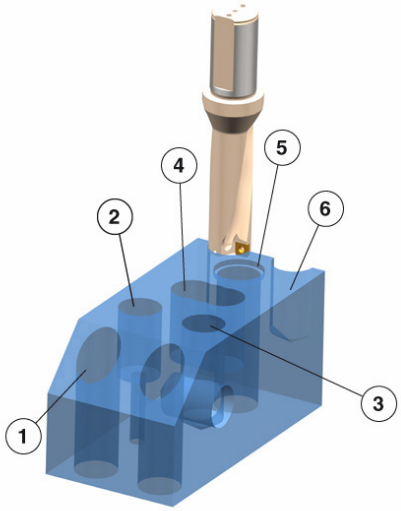
Méthodes

Non recommandé	Solution
	1.  2. 
	1.  2. 
	1.  2.  > 5xD

Polyvalence

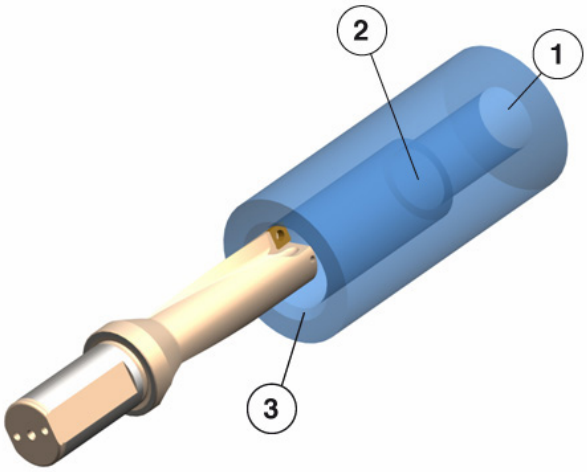
Applications

1. Trou avec entrée inclinée
2. Alésage
3. Perçage au travers d'un trou existant
4. Perçage et tréflage
5. Perçage et lamage avec interpolation circulaire
6. Tréflage



Choix multiples dans les opérations sans rotation

1. Perçage
2. Alésage / Trou conique
3. Chanfreinage



Recommandations

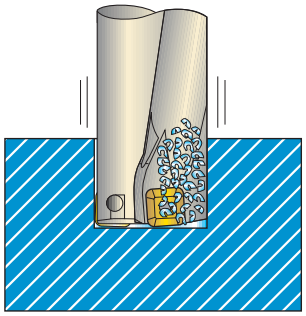
- Forets 2 x D et 3 x D (SD522, SD523)
- Réduire l'avance ~ 50 % lorsque le foret n'est pas totalement engagé
- Utiliser la nuance DP3000
- Utiliser le brise-copeaux P2

Incidents & remèdes

Vibrations

Applications

- Vérifier le montage du foret
- Vérifier la fixation de la pièce
- Augmenter l'avance. Avec un matériaux doux uniquement, diminuer l'avance et augmenter la vitesse de coupe
- Réduire la vitesse de coupe



Couple insuffisant

- Réduire l'avance
- Choisir une géométrie avec un brise-copeaux plus adapté pour de faibles avances

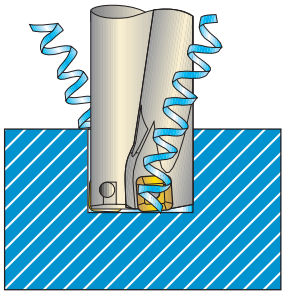
Puissance insuffisante

- Réduire la vitesse de coupe
- Réduire l'avance
- Choisir une géométrie avec un brise-copeaux plus adapté pour de faibles avances (SCGX-P1)

Problèmes de bourrage copeaux

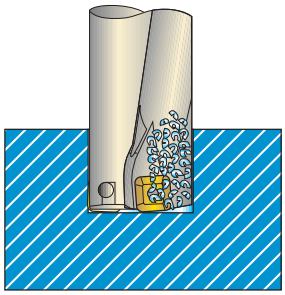
Problèmes de bourrage copeaux dû à de longs copeaux

- Augmenter l'avance. Avec un matériaux doux uniquement, diminuer l'avance et augmenter la vitesse de coupe
- Choisir une géométrie avec un brise-copeaux plus adapté pour les faibles avances. (SCGX-P1)



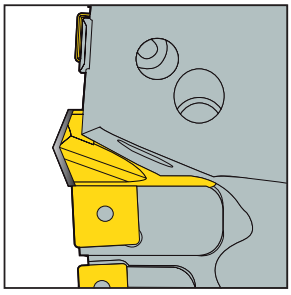
Problèmes de bourrage copeaux malgré des copeaux courts

- Augmenter la pression et/ou le volume d'arrosage
- Réduire la vitesse de coupe



Usure en dépouille rapide du foret pilote

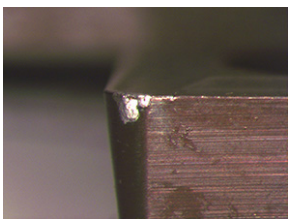
- Réduire la vitesse de coupe
- Augmenter la concentration du liquide de coupe



Problèmes de durée de vie

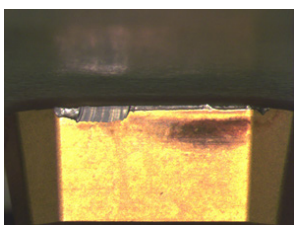
Écaillage de la plaquette périphérique

- Réduire l'avance d'entrée
- Choisir une nuance plus tenace
- Choisir une géométrie avec un brise-copeaux plus adapté aux vitesses de coupe plus élevées. (SCGX-P2)
- Réduire l'avance et la vitesse de coupe



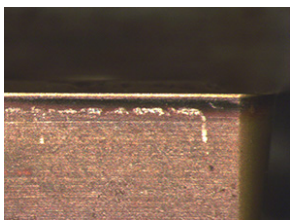
Écaillage de la plaquette centrale

- Vérifier le montage du foret
- Vérifier la fixation de la pièce
- Réduire l'avance d'entrée
- Augmenter l'avance
- Réduire la vitesse de coupe

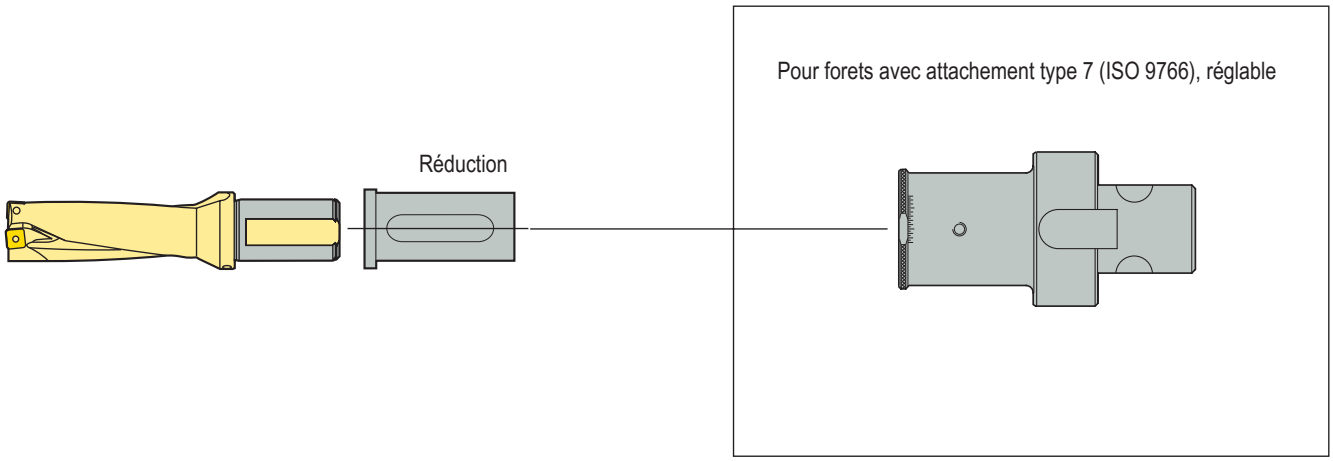


Usure en dépouille trop rapide sur la plaquette périphérique

- Réduire la vitesse de coupe
- Augmenter la pression et/ou le débit du liquide de coupe
- Choisir une nuance plus résistante à l'usure



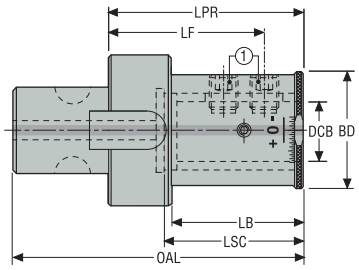
Mandrins porte-forets réglables



ADH 6101 – Porte-forets réglables pour forets avec attachement type 7

Graflex®





1. Vis de blocage

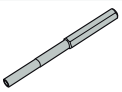
—Pour forets Perfomax®
—Réglable de -0,3 mm à +0,8

Références	Numéro de produit	Côté machine Taille d'attachement Graflex	Côté pièce Pour corps de foret	DCB	OAL	LPR	BD	LF	LB	LSC	Poids	Equili-brage
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
BM061610025	02422113	G6	R7	25,0 *0.984*	110,0 *4.331*	70,0 *2.756*	49,0 *1.929*	55,0 *2.165*	54,0 *2.126*	54,0 *2.126*	1,12 *2.470*	PB
BM061610125	02422116	G6	R7	25,4 *1.000*	110,0 *4.331*	70,0 *2.756*	49,0 *1.929*	55,0 *2.165*	54,0 *2.126*	54,5 *2.146*	1,11 *2.450*	PB
BM061610032	02422114	G6	R7	32,0 *1.260*	125,0 *4.921*	85,0 *3.346*	71,0 *2.795*	70,0 *2.756*	66,0 *2.598*	60,5 *2.382*	2,1 *4.630*	PB
BM061610138	02422118	G6	R7	38,1 *1.500*	125,0 *4.921*	85,0 *3.346*	81,0 *3.189*	70,0 *2.756*	66,0 *2.598*	60,5 *2.382*	2,45 *5.400*	PB
BM061610040	02422115	G6	R7	40,0 *1.575*	125,0 *4.921*	85,0 *3.346*	81,0 *3.189*	70,0 *2.756*	66,0 *2.598*	60,5 *2.382*	2,4 *5.290*	PB

Pièces détachées, pièces incluses lors de la livraison

Pour DCB	Vis de serrage	Tenon
		
25,4/1.000	950AF1210014	90M61
25/0.984	950AF1210014	90M61
32/1.260	–	90M61
38,1/1.500	–	90M61
40/1.575	–	90M61

Accessoires

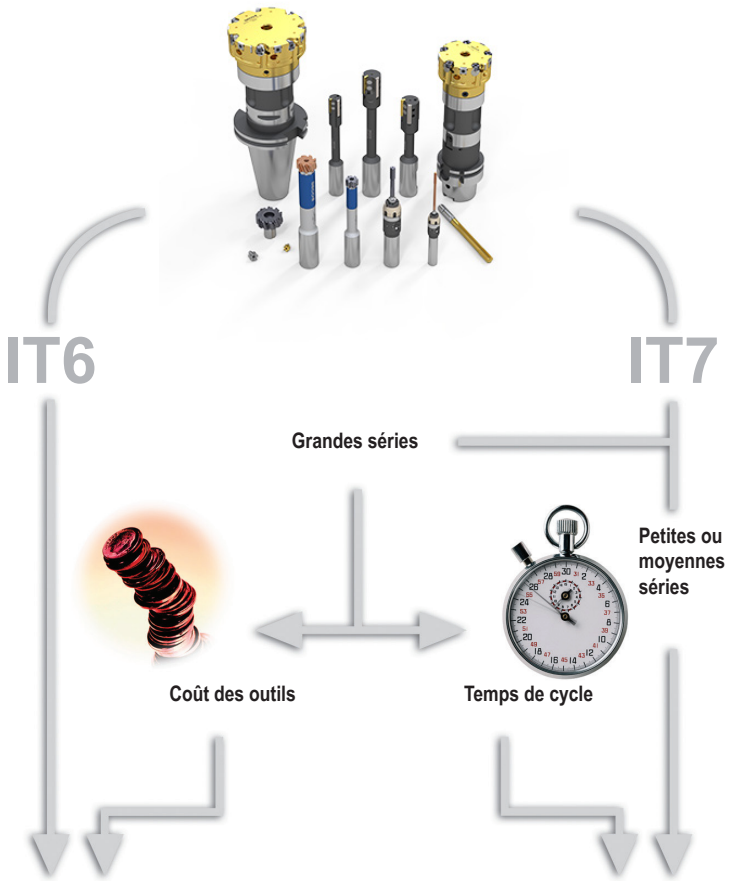
Pour DCB	Clé (Poignée-T)	Clé
		
25,4/1.000	DOUBLE-T	H6B-H6.0L
25/0.984	DOUBLE-T	H6B-H6.0L
32/1.260	DOUBLE-T	H6B-H6.0L
38,1/1.500	–	–
40/1.575	DOUBLE-T	H6B-H6.0L

PB = Pré-équilibrage de conception (voir la page Guide d'équilibrage dans le catalogue Systèmes Attachements pour plus d'informations)

Plaquette multi-coupe ou indexable – Choix de la meilleure solution

Qualité, performance et coût outil, sont les objectifs que vous souhaitez atteindre. Le choix de l'alésoir dépend de votre opération, tolérance, taille de la série et temps de cycle. La gamme Seco Holemaking répond à toutes ces attentes.
Avec Precimaster, Bifix et les alésoirs Xfix et Nanofix, Seco peut résoudre tous les problèmes d'alésage.

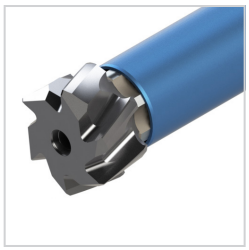
Le tableau ci-dessous vous aide à choisir l'outil d'alésage adapté



Bifix®



Precimaster™ Plus



Xfix™



Nanofix™ / Nanojet



Présentation de la gamme

	Page(s)	∅ gamme	Profondeur d'alésage	Tolérance ∅ trou	Diamètres intermédiaires	État de surface
Precimaster™ Plus 	Page(s) 303-339	7,75-60,500 mm *(0.3051-2.3818")*	~ 2-10 x D	IT 6-7-8	Conception sur mesure également disponible My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
Nanofix™ 	Page(s) 340-368	2,970-12,050 mm *(0.1169-0.4744")*	~ 5-12 x D	IT 7	Conception sur mesure également disponible My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
Nanojet 	Page(s) 369-387	1,461-9,960 mm *(0.057-0.392")*	~ 4-7 x D	IT 7	Conception sur mesure également disponible My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
Bifix® 	Page(s) 388-414	5,900-60,500 mm *(0.2323-2.3819")*	~ 2-7 x D	IT 6-7	Conception sur mesure également disponible My Design	R_a 0,2-0,8 µm *(R_a 7.87-31.5 µin)*
Xfix™ 	Page(s) 415-454	39,500-154,500 mm *(1.5551-6.0827")*	~ 2,5-6,5 x D	IT 6	Conception sur mesure également disponible My Design	R_a 0,8-1,6 µm *(R_a 31-63 µin)*



Precimaster™ Plus

Precimaster™ Plus est un système d'alésoir modulaire qui augmente la vitesse, la stabilité et la polyvalence d'alésage, pour une production de trous plus précise et plus économique.

- Le système possède une connexion haute précision innovante, des têtes amovibles en carbure monobloc ainsi que des porte-outils communs pour l'alésage des trous débouchants et des trous borgnes
- Permet d'obtenir des tolérances de taille comprises entre 15 et 25 microns et des états de surface de R_a 0,4 à R_a 0,8 µm (RMS 15 à 35 micro/pouce)

Precimaster™ Plus – Présentation de la gamme

	∅ gamme	Profondeur d'alésage	Tolérance ∅ trou	Diamètres intermédiaires	État de surface
PMX5 / PMX6 / PMX8 	7,75-60 mm *(0.3051-2.3622")*	~ 2-3 x D	IT 6-7-8	Conception sur mesure également disponible My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
PMX5 / PMX6 / PMX8 	7,75-60 mm *(0.3051-2.3622")*	~ 4-5 x D	IT 6-7-8	Conception sur mesure également disponible My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
PMX5 / PMX6 / PMX8 	7,75-60 mm *(0.3051-2.3622")*	~ 8-10 x D	IT 6-7-8	Conception sur mesure également disponible My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*

Codification des références :

Les porte-outils Precimaster Plus sont adaptés à la fois pour les trous borgnes et débouchants.

Attachement d'outil

Taille du corps de l'alésoir	Profondeur max. d'alésage		Neutre	
PMX08	– 08200	– 20	– N	1

- 20 : Diamètre de l'attachement cylindrique
- 1 : Type d'attachement 1. Cylindrique DIN1835



Tête

Type de tête		Géométrie d'entrée		
PMX6	– 18H7	– EB45	– RX2000	

- 18H7 : Diamètre et tolérance du trou
- RX2000 : Nuance carbure



PMX6

Diamètre intermédiaire pour tête

Type de tête	Diamètre et tolérance du trou		Géométrie d'entrée		Nuance carbure
PMX5	– 15.515 P7		– EB845	–	RX2000
	0.6108"/0.6115"				

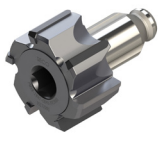
PMX4 : Conception de goujures hélicoïdales à droite, adaptées pour trous borgnes uniquement.
PMX5 : Conception de goujures droites, adaptées pour trous borgnes ou débouchants.
PMX6 : Conception de goujures hélicoïdales à gauche, adaptées pour trous débouchants uniquement.
PMX8 : Goujures droites à expansion, adaptées pour trous borgnes ou débouchants.
La conception de la goujure à gauche augmente l'effet de poussée des copeaux vers l'avant.
La conception de la goujure à droite augmente l'effet d'évacuation des copeaux vers l'arrière.
Voir Precimaster Plus – Choix de la tête page 312.



PMX4



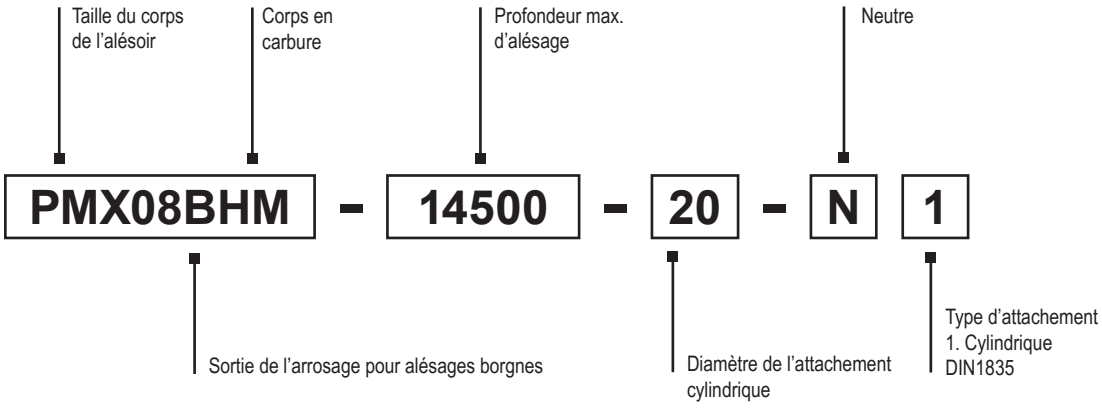
PMX5



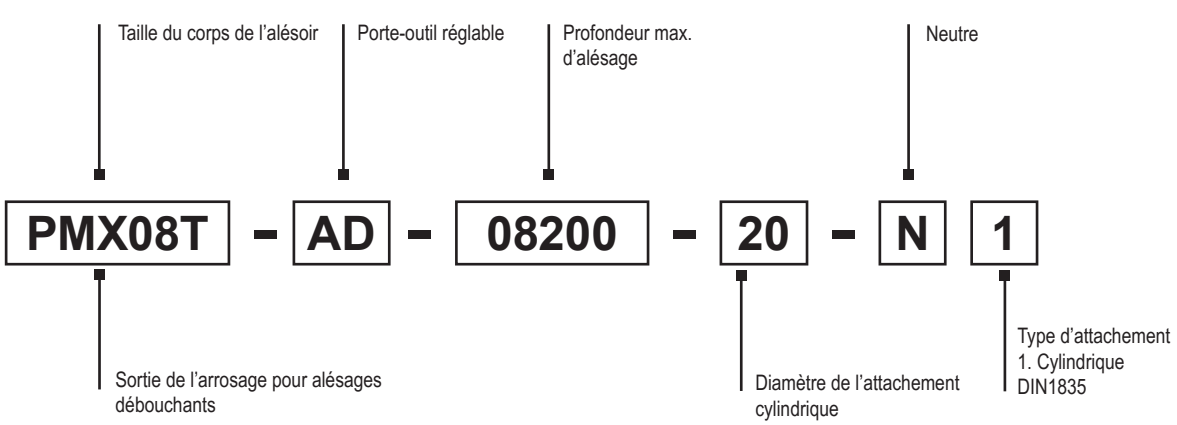
PMX8

Codification des références :

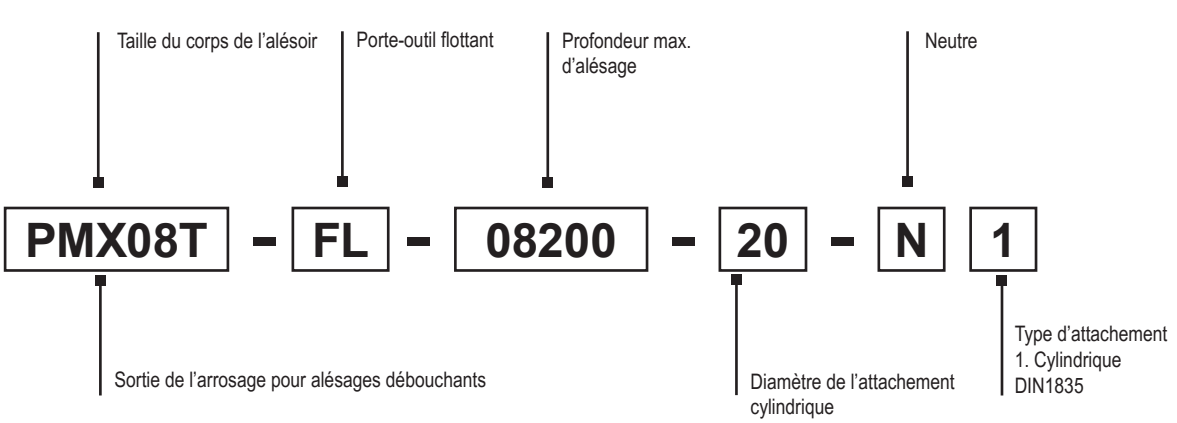
Les porte-outils Precimaster Plus sont adaptés à la fois pour les trous borgnes et débouchants.







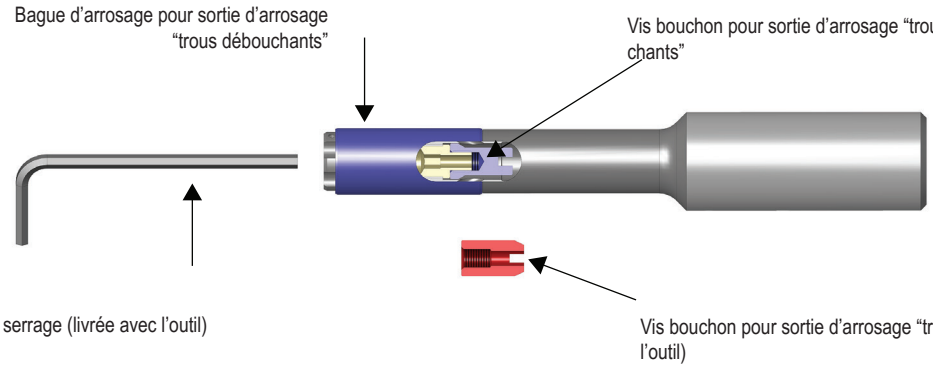






Réglage de l'arrosage

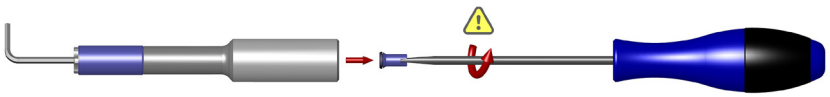
Procédure de réglage de sortie de liquide de coupe : description des pièces de rechange



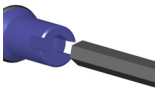
Procédure de réglage de sortie de liquide de coupe : réglage de sortie du liquide de coupe pour trous borgnes

1.

Retirer la vis bouchon pour trous débouchants (bleue)
Remarque : les vis d'obturation sont des vis à gauche



Utiliser un tournevis plat OU une clé Allen, à la taille comme indiqué dans le tableau

Taille du corps	Taille des tournevis plats en mm	Taille des tournevis plats en *pouces*	Taille des clés Allen en mm	Taille des clés Allen en *pouces*
				
PMX05	1,2 x 4 x 120	*0.05 x 0.16 x 4.72*	2 x 120	*0.08 x 4.72*
PMX06	1,0 x 5,5 x 150	*0.04 x 0.22 x 5.9*	2,5 x 150	*0.10 x 5.9*
PMX08	1,2 x 6,5 x 200	*0.05 x 0.26 x 7.87*	3 x 200	*0.12 x 7.87*
PMX12	1,2 x 8 x 200	*0.05 x 0.31 x 6.89*	5 x 200	*0.2 x 6.89*

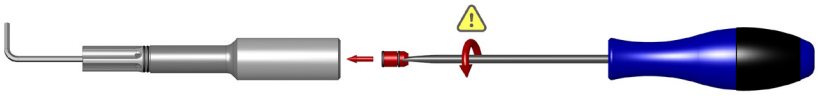
2.

Enlever la bague d'arrosage



3.

Monter la vis bouchon (rouge) pour arrosage "trous borgnes"
Remarque : les vis d'obturation sont des vis à gauche



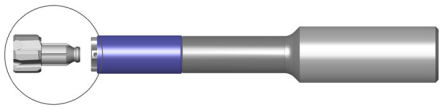
Montage de la tête

1.

Assurez-vous que la géométrie de la tête est adaptée au type d'arrosage


PMX5/PMX8


PMX6

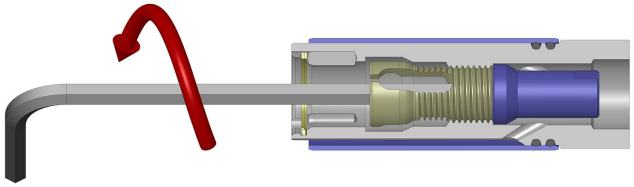

Trous débouchants


PMX5/PMX8


Trous borgnes

2.

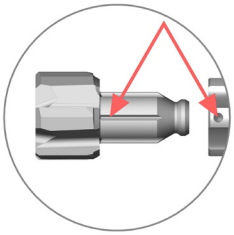
Position de la bride avant le montage de la tête

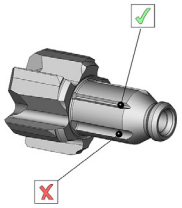


3.

Aligner la rainure d'indexage sur le point rouge situé sur le corps

Petite rainure

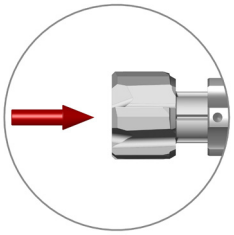




Grandes rainures

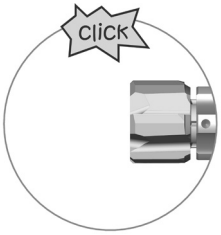
4.

Présenter la tête dans le porte-outils



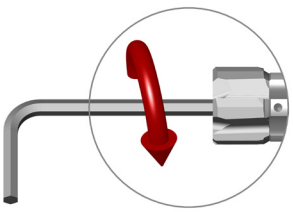
5.

Enclipser la tête dans le corps jusqu'à entendre un « clic »



6.

Bloquer la tête à l'aide de la clé Allen

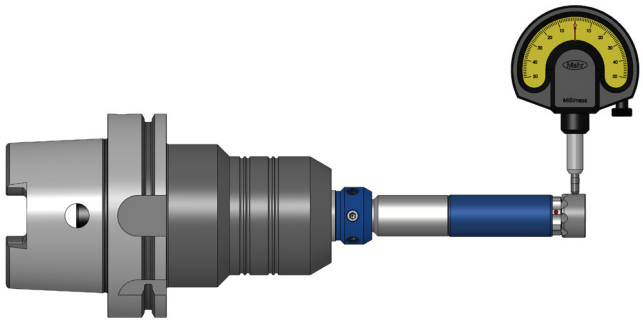


PMX Taille d'attachement	Couple de serrage recommandé
PMX05	0,5 Nm
PMX06	0,9 Nm
PMX08	1,2 Nm
PMX12	2,0 Nm
PMX16	5,0 Nm

Réglage – Faux-rond

Outil rotatif

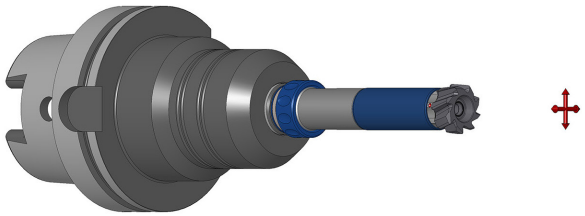
Faux-rond max. recommandé : 10-15 µm *(393.7008-590.5512 µin)*.
Mandrin hydraulique, de frettage, porte-outil ou pince de précision recommandés.
Pour un meilleur contrôle du faux-rond, nous recommandons d'utiliser les adaptateurs réglables Precimaster Plus PMX-AD, voir page(s) 324-325.



Outil statique

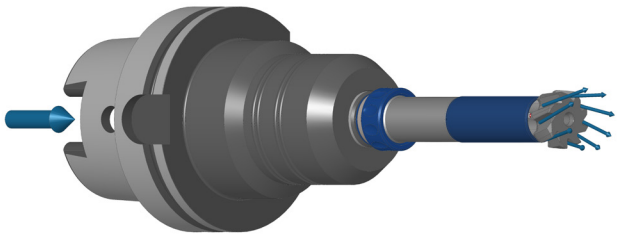
Utiliser les mandrins flottants pour le Precimaster Plus PMX - FL, voir page(s) 326-327.

Mandrin flottant pour rendre l'alésoir auto-centrant par rapport au trou à aléser.



Conditions d'arrosage

Afin d'obtenir une durée de vie maximum et une qualité de trou satisfaisante, les indications suivantes sur la lubrification doivent être respectées.
Arrosage central recommandé.
L'utilisation en arrosage extérieur impose une réduction des conditions de coupe < 2 x D.
Utiliser une huile soluble avec 40 % d'huile minérale minimum.
Une huile entière est recommandée pour l'acier inoxydable.
Concentration minimum 6–8 %.
Filtration 30-50 µm *(1 200-2 000 µin)*.
Débit mini 0,5 l/min/mm *(3.35 gal/min/pouce)* du diamètre de l'outil.
Ex. : pour un alésoir de ∅ 10, le débit minimum est de 5 l/min *(1.3 gal/min)*.
Pression d'arrosage recommandée : 8 - 10 bar mini, 30 bar max.

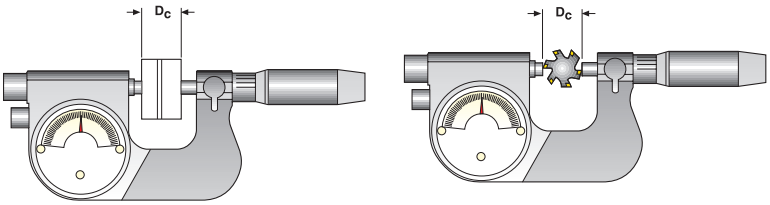


Mesure du diamètre

Étalonner le micromètre avant de mesurer le ∅.

Important
Les alésoirs Precimaster ont des pas différentiels entre les dents.
Lorsque vous contrôlez le diamètre, vérifiez de bien prendre la mesure sur les 2 lames à 180°

Utiliser un comparateur à cadran et des cales étalons.

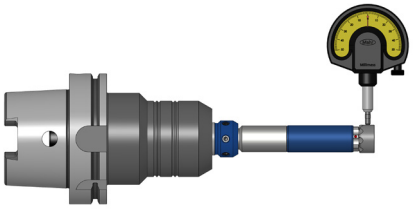


Réglage des attachements :

1.
Monter l'étalon de contrôle (fourni avec support réglable).

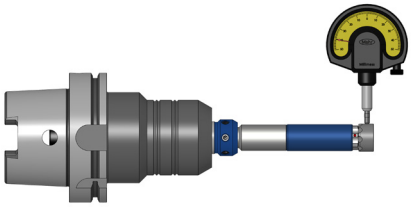
Monter l'outil dans la broche.

2.
Régler le micromètre comme indiqué.





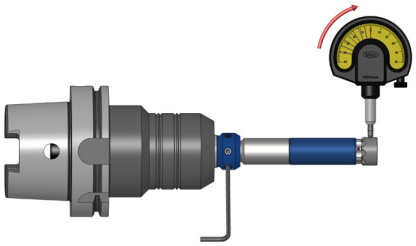
3.
Retourner l'outil manuellement jusqu'à ce que le point le plus bas soit atteint.





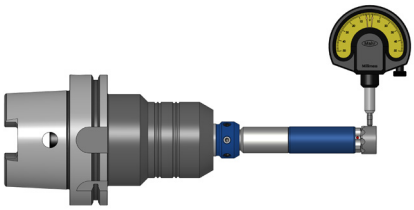
4.
Compenser le faux-rond avec les vis de réglage. La direction est indiquée par les flèches.

5.
Vérifier le faux-rond et refaire le contrôle si nécessaire.





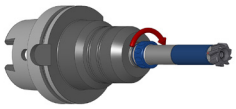
6.
Lorsque le faux-rond maximal est inférieur à 5 µm *(197")*, vérifier que le serrage des vis est correct pour éviter de perdre les réglages



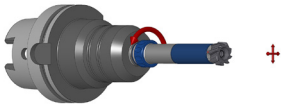


Installation des mandrins flottants :

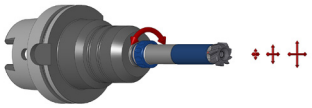
1.
Serrer entièrement la bague du mandrin flottant dans le sens des aiguilles d'une montre.



2.
Desserrer le mandrin flottant de 2 ou 3 clics en tournant dans le sens contraire des aiguilles d'une montre.

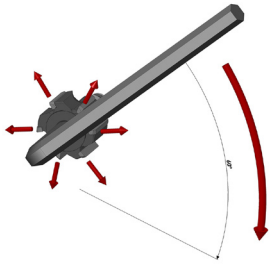


3.
Refaire par la suite le même réglage si nécessaire. Trop de jeu peut générer de l'instabilité lors de l'entrée. Pas assez de jeu peut générer des vibrations et de la conicité dans l'alésage.

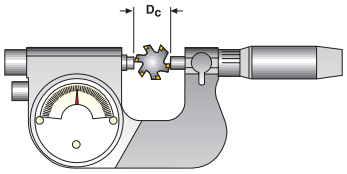


Alésoir à tête interchangeable à compensation d'usure

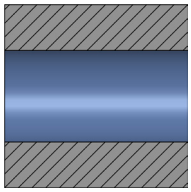
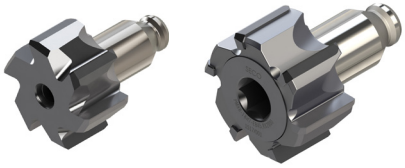
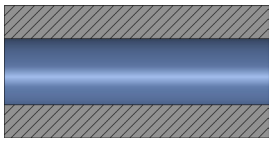
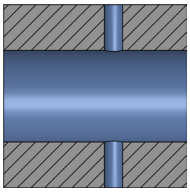
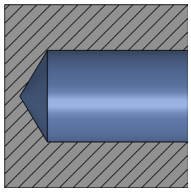
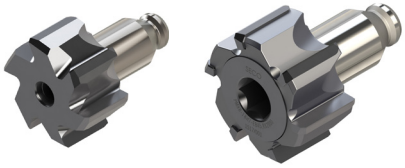
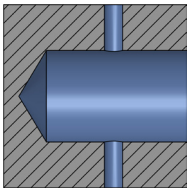
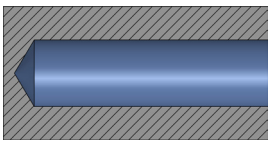
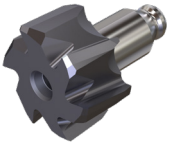
1.
Utiliser une clé Allen hexagonale pour compenser le Ø d'usure de l'outil (Tour de 60° = compensation approximative de 0,005 mm *(0.197")* sur Ø)



2.
Vérifier la taille du Ø après l'expansion en utilisant un micromètre



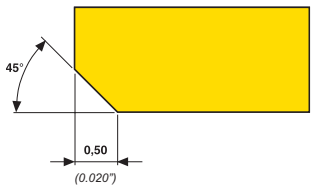
Choix de la tête

Pièce à usiner	Diamètre d'alésoir ∅ 8-60 mm *(0.3150-2.3622")*	
Trou débouchant court < 3 x D 	**PMX5 / PMX8** 	
Trou débouchant long > 3 x D 	**PMX6** Pour les applications d'alésage débouchant, s'assurer que le porte-outil est bien configuré pour « arrosage pour trous débouchants », voir pages correspondantes. 	
Trou débouchant long et sécant 		
Trou borgne 	**PMX5 / PMX8** Pour les applications d'alésage borgne, s'assurer que le porte-outil est bien configuré pour « arrosage pour trous borgnes », voir pages correspondantes 	
Trou borgne et sécant 		
Trou borgne > 3x D 	**PMX4** Pour les applications d'alésage borgne difficiles, s'assurer que le porte-outil est bien configuré pour « arrosage pour trous borgnes », voir pages correspondantes. 	

Choix de géométrie – Applications

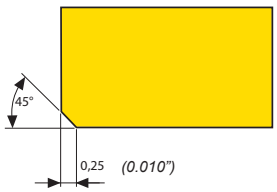
Géométrie d'entrée - EB45

Contrôle des copeaux ++
État de surface +++ R_a 0,8 - 1,2 µm
(État de surface +++ R_a 31 - 47 µin)
Polyvalent



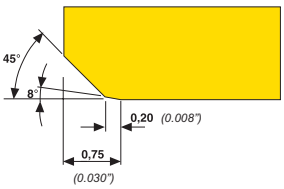
Géométrie d'entrée - EBS45

Contrôle des copeaux +++
État de surface + R_a 0,8 - 1,2 µm
(État de surface + R_a 31 - 47 µin)
EB45 court



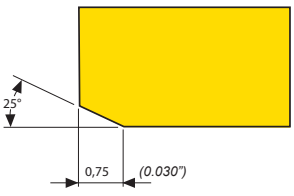
Géométrie d'entrée - EB845

Contrôle des copeaux ++
État de surface +++ R_a 0,2 - 0,8 µm
(État de surface +++ R_a 8 - 31 µin)



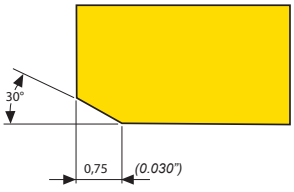
Géométrie d'entrée - EB25

Performances d'avance +++
État de surface ++ R_a 0,4 - 0,8 µm
(État de surface ++ R_a 16 - 31 µin)
Contrôle des copeaux +

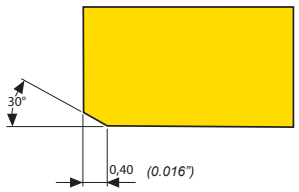
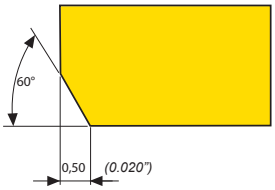
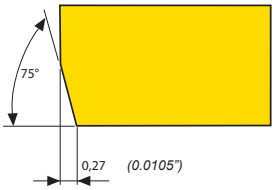


Géométrie d'entrée - EB30

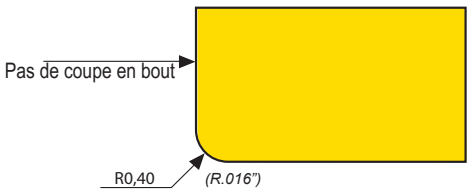
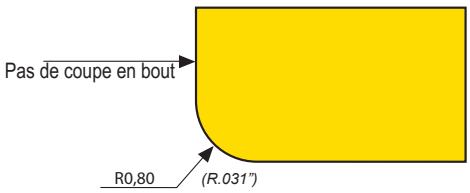
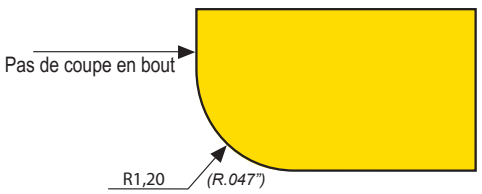
Performances d'avance +++
État de surface ++ R_a 0,4 - 0,8 µm
(État de surface ++ R_a 16 - 31 µin)
Contrôle des copeaux +



Choix de géométrie – Applications

Géométrie d'entrée - EBS30 Performances d'avance +++ État de surface ++ R_a 0,4 - 0,8 µm *(État de surface ++ R_a 16 - 31 µin)* Contrôle des copeaux + EB30 court	
Géométrie d'entrée - EB60 Performances d'avance + État de surface ++ R_a 0,8 - 1,2 µm *(État de surface ++ R_a 31 - 47 µin)* Contrôle des copeaux ++	
Géométrie d'entrée - EB75 Performances d'avance + État de surface ++ R_a 0,8 - 1,2 µm *(État de surface ++ R_a 31 - 47 µin)* Contrôle des copeaux ++	

Choix de géométrie – Applications

Géométrie d'entrée - RE040 Performances d'avance ++ État de surface ++ R_a 0,4 - 0,8 µm *(État de surface ++ R_a 16 - 31 µin)* Contrôle des copeaux +	
Géométrie d'entrée - RE080 Performances d'avance ++ État de surface ++ R_a 0,4 - 0,8 µm *(État de surface ++ R_a 16 - 31 µin)* Contrôle des copeaux +	
Géométrie d'entrée - RE120 Performances d'avance ++ État de surface ++ R_a 0,4 - 0,8 µm *(État de surface ++ R_a 16 - 31 µin)* Contrôle des copeaux + Disponible à partir de Ø 14 mm *(0.551")*	

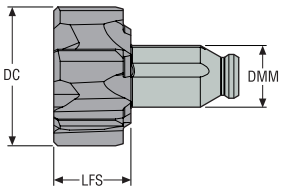
Nuances

	**RX2000**	**Revêtue** Nuances revêtue hautes performances pour toutes les matières.
	**CP20**	**Revêtue** Nuance revêtue polyvalente adaptée à la plupart des matières (sauf l'aluminium). TiN
	**H15**	**Non revêtue** Nuance micrograin tenace pour toutes les matières. Adaptée aux opérations d'alésages de précision grâce à l'acuité d'arête.
	**CF**	**Cermet** Nuance résistante à l'usure pour optimisation des performances d'usinage dans l'acier.
	**RX1500**	**Revêtue Cermet** Nuance résistante à l'usure pour l'optimisation des performances d'usinage dans l'acier et les fontes.
	**RN2010**	**Non revêtue** Nuance non revêtue sub-micrograin avec géométries optimisées pour les matériaux N (non ferreux).
	**RM2020**	**Revêtue** Nuance à revêtement dur adaptée aux opérations d'alésage de finition avec géométries optimisées pour les matériaux M.
	**RM2090**	**Revêtue** Nuance revêtue résistante à l'usure avec des géométries spécifiques pour les matériaux M.. Optimisation dans les matériaux M.
	**RK2050**	**Revêtue** Nuance à revêtement dur adaptée aux opérations d'alésage de finition avec géométries optimisées pour les matériaux K.
	**RK1550**	**Revêtue Cermet** Nuance revêtue résistante à l'usure avec des géométries spécifiques pour les matériaux K. Optimisation dans les matériaux K.
	**RS2090**	**Revêtue** Nuance revêtue résistante à l'usure avec des géométries spécifiques pour les matériaux S. Optimisation dans les matériaux S.

Têtes pour trous borgnes et débouchants

∅ 8–32 mm / *0.315-1.260"*





—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

Références	Numéro de produit	DC	Taille de foret*		LFS	DMM	Taille du corps	Géométries			Nuances				
		mm	mm		mm	mm		EB45	EB845	EB30	H15	CP20	RX2000	CF	RX1500
PMX5-8H7-EB45	03123158	8,0	7,8/7,9	6	6,0	4,5	PMX05-xx	■	□	□	□	□	■	–	–
PMX5-9H7-EB45	03123159	9,0	8,8/8,9	6	6,0	4,5	PMX05-xx	■	□	□	□	□	■	–	–
PMX5-10H7-EB30	10020602	10,0	9,8/9,9	6	7,0	6,0	PMX06-xx	□	□	■	□	□	■	□	□
PMX6-10H7-EB45	02965863	10,0	9,8/9,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-11H7-EB45	02925754	11,0	10,8/10,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-12H7-EB30	10019482	12,0	11,8/11,908	6	7,0	6,0	PMX06-xx	□	□	■	□	□	■	□	□
PMX5-12H7-EB45	02925755	12,0	11,8/11,908	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-13H7-EB30	10019483	13,0	12,8/12,9	6	7,0	6,0	PMX06-xx	□	□	■	□	□	■	□	□
PMX5-13H7-EB45	02925756	13,0	12,8/12,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-14H7-EB30	10019484	14,0	13,8/13,891	6	7,0	6,0	PMX06-xx	□	□	■	□	□	■	□	□
PMX5-14H7-EB45	02925757	14,0	13,8/13,891	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-15H7-EB30	10019485	15,0	14,8/14,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-15H7-EB45	02925758	15,0	14,8/14,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-16H7-EB30	10019486	16,0	15,8/15,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-16H7-EB45	02925759	16,0	15,8/15,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-17H7-EB30	10019487	17,0	16,8/16,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-17H7-EB45	02925760	17,0	16,8/16,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-18H7-EB30	10019488	18,0	17,8/17,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-18H7-EB45	02925761	18,0	17,8/17,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-19H7-EB30	10019489	19,0	18,8/18,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-19H7-EB45	02925762	19,0	18,8/18,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-20H7-EB30	10020603	20,0	19,8/19,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-20H7-EB45	02925763	20,0	19,8/19,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-21H7-EB45	02925764	21,0	20,8/20,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-22H7-EB30	10020604	22,0	21,8/21,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-22H7-EB45	02925765	22,0	21,8/21,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-23H7-EB30	10019490	23,0	22,8/22,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-23H7-EB45	02925766	23,0	22,8/22,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-24H7-EB30	10019491	24,0	23,813/23,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-24H7-EB45	02925767	24,0	23,813/23,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-25H7-EB30	10019492	25,0	24,8/24,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-25H7-EB45	02925768	25,0	24,8/24,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-26H7-EB30	10019493	26,0	25,8/25,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-26H7-EB45	02925769	26,0	25,8/25,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-27H7-EB45	02925770	27,0	26,8/26,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-28H7-EB30	10019494	28,0	26,8/26,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-28H7-EB45	02925771	28,0	27,8/27,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-29H7-EB45	02925772	29,0	28,8/28,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-30H7-EB30	10019495	30,0	29,8/29,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-30H7-EB45	02925773	30,0	29,8/29,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□

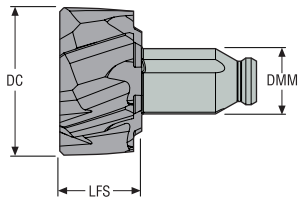
Références	Numéro de produit	DC	Taille de foret*		LFS	DMM	Taille du corps	Géométries			Nuances				
		mm	mm		mm	mm		EB45	EB845	EB30	H15	CP20	RX2000	CF	RX1500
PMX5-32H7-EB30	10019496	32,0	31,8/31,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-32H7-EB45	02925775	32,0	31,8/31,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□

*Pour plus d'information sur le foret à utiliser voir page(s) 8
■ **Disponibilité : voir tarif en vigueur** □ **Non stocké.**

Têtes pour trous débouchants

∅ 8–32 mm / *0.315–1.260"*





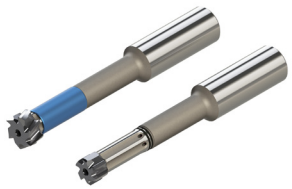
—Pour le choix géométrie, voir page(s) 313–315
—Paramètres de coupe, voir page(s) 333–339

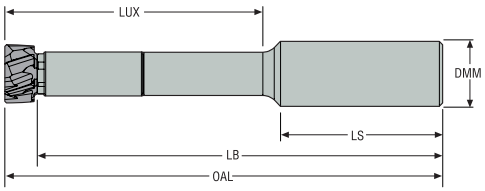
Références	Numéro de produit	DC	Taille de foret*		LFS	DMM	Taille du corps	Géométries			Nuances				
		mm	mm		mm	mm		EB45	EB845	EB30	H15	CP20	RX2000	CF	RX1500
PMX6-8H7-EB45	03123161	8,0	7,8/7,9	6	6,0	4,5	PMX05-xx	■	□	□	□	□	■	–	–
PMX6-9H7-EB45	03123162	9,0	8,8/8,9	6	6,0	4,5	PMX05-xx	■	□	□	□	□	■	–	–
PMX6-10H7-EB45	02965863	10,0	9,8/9,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-11H7-EB45	02925776	11,0	10,8/10,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-12H7-EB45	02925777	12,0	11,8/11,908	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-13H7-EB45	02925778	13,0	12,8/12,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-14H7-EB45	02925779	14,0	13,8/13,891	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-15H7-EB45	02925780	15,0	14,8/14,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-16H7-EB45	02925781	16,0	15,8/15,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-17H7-EB45	02925782	17,0	16,8/16,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-18H7-EB45	02925783	18,0	17,8/17,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-19H7-EB45	02925784	19,0	18,8/18,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-20H7-EB45	02925785	20,0	19,8/19,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-21H7-EB45	02925786	21,0	20,8/20,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-22H7-EB45	02925030	22,0	21,8/21,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-23H7-EB45	02925031	23,0	22,8/22,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-24H7-EB45	02925032	24,0	23,813/23,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-25H7-EB45	02925033	25,0	24,8/24,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-26H7-EB45	02925034	26,0	25,8/25,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-27H7-EB45	02925035	27,0	26,8/26,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-28H7-EB45	02925036	28,0	27,8/27,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-29H7-EB45	02925037	29,0	28,8/28,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-30H7-EB45	02925038	30,0	29,8/29,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-31H7-EB45	02925039	31,0	30,8/30,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-32H7-EB45	02925040	32,0	31,8/31,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□

*Pour plus d'information sur le foret à utiliser voir page(s) 8
■ Disponibilité : voir tarif en vigueur□ Non stocké.

Attachements pour trous borgnes et débouchants

∅ 7,75-60,500 mm / *0.305-2.381"*

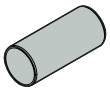
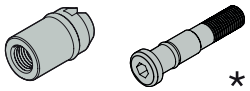
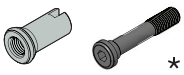




—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

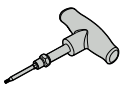
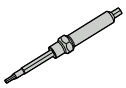
Références	Numéro de produit	Porte-outils matières	DC	OAL	LB	LS	LUX	DMM
			mm	mm	mm	mm	mm	mm
PMX05-02800-10N1	03123012	Acier	7,75 - 9,9	69,0	63,0	40,0	28,0	10,0
PMX05-04100-10N1	02929923	Acier	7,75 - 9,9	84,0	78,0	40,0	41,0	10,0
PMX05-10000-10N1	03123013	Acier	7,75 - 9,9	143,0	137,0	40,0	100,0	10,0
PMX06-03700-12N1	02925828	Acier	9,901 - 14,499	84,0	77,0	45,0	37,0	12,0
PMX06-05700-12N1	02925829	Acier	9,901 - 14,499	104,0	97,0	45,0	57,0	12,0
PMX06-12000-12N1	02925830	Acier	9,901 - 14,499	167,0	160,0	45,0	120,0	12,0
PMX06HM-12000-12N1	02925831	Carbure	9,901 - 14,499	167,0	160,0	45,0	120,0	12,0
PMX08-04600-20N1	02925832	Acier	14,5 - 21,499	99,0	89,0	50,0	46,0	20,0
PMX08-08200-20N1	02925833	Acier	14,5 - 21,499	135,0	125,0	50,0	82,0	20,0
PMX08-14500-20N1	02925834	Acier	14,5 - 21,499	198,0	188,0	50,0	145,0	20,0
PMX08HM-14500-20N1	02925835	Carbure	14,5 - 21,499	198,0	188,0	50,0	145,0	20,0
PMX12-06800-25N1	02925836	Acier	21,5 - 32,499	127,0	115,0	56,0	68,0	25,0
PMX12-10400-25N1	02925837	Acier	21,5 - 32,499	163,0	151,0	56,0	104,0	25,0
PMX12-17000-25N1	02925838	Acier	21,5 - 32,499	229,0	217,0	56,0	170,0	25,0
PMX12HM-17000-25N1	02925839	Carbure	21,5 - 32,499	229,0	217,0	56,0	170,0	25,0
PMX16-06300-32N1	02925840	Acier	32,5 - 60,5	124,0	110,0	60,0	63,0	32,0
PMX16-12700-32N1	02925841	Acier	32,5 - 60,5	188,0	174,0	60,0	127,0	32,0
PMX16-17000-32N1	02925842	Acier	32,5 - 60,5	231,0	217,0	60,0	170,0	32,0
PMX16HM-17000-32N1	02925843	Carbure	32,5 - 60,5	231,0	217,0	61,0	170,0	32,0

Pièces détachées, pièces incluses lors de la livraison

Pour attachement	Pour ∅ (mm)	Clé	Kit de serrage	Kit d'arrosage	Bouchon pour trou borgne	Bouchon pour trou débouchant
			 *		 *	 *
PMX05	7,75-9,900	1.5SMS795	PMX05-CLKI	RT05-KI	SB05	ST05
PMX06	9,901-14,499	2SMS795	PMX06-CLKI	RT06-KI	SB06	ST06
PMX08	14,5-21,499	2.5SMS795	PMX08-CLKI	RT08-KI	SB08	ST08
PMX12	21,5-32,499	4SMS795	PMX12-CLKI	RT12-KI	SB12	ST12
PMX16	32,5-60	5SMS795	PMX16-CLKI	–	SB16	ST16

* Pièces de rechange pour corps PMX16 uniquement. Pour le PMX16, les vis bouchon sont également utilisées pour le bridage.

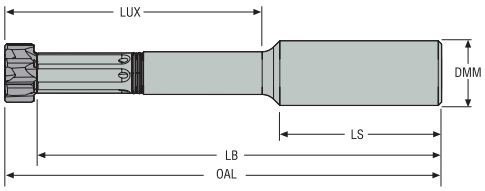
Accessoires

Pour ∅ (mm)	Taille d'attachement	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Couple de serrage
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Attachements pour trous borgnes

∅ 7,75-60,500 mm / *0.305-2.381"*

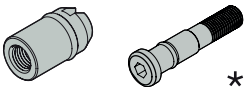




—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

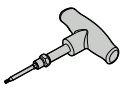
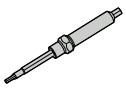
Références	Numéro de produit	Porte-outils matières	DC	OAL	LB	LS	LUX	DMM
			mm	mm	mm	mm	mm	mm
PMX05B-02800-10N1	03144322	Acier	7,75 - 9,9	69,0	63,0	40,0	28,0	10,0
PMX05B-04100-10N1	03144323	Acier	7,75 - 9,9	84,0	78,0	40,0	41,0	10,0
PMX05B-10000-10N1	03144324	Acier	7,75 - 9,9	143,0	137,0	40,0	100,0	10,0
PMX06B-03700-12N1	03075433	Acier	9,901 - 14,499	84,0	77,0	45,0	37,0	12,0
PMX06B-05700-12N1	03075434	Acier	9,901 - 14,499	104,0	97,0	45,0	57,0	12,0
PMX06B-12000-12N1	03075435	Acier	9,901 - 14,499	167,0	160,0	45,0	120,0	12,0
PMX06BHM-12000-12N1	03075436	Carbure	9,901 - 14,499	167,0	160,0	45,0	120,0	12,0
PMX08B-04600-20N1	03075437	Acier	14,5 - 21,499	99,0	89,0	50,0	46,0	20,0
PMX08B-08200-20N1	03075438	Acier	14,5 - 21,499	135,0	125,0	50,0	82,0	20,0
PMX08B-14500-20N1	03075439	Acier	14,5 - 21,499	198,0	188,0	50,0	145,0	20,0
PMX08BHM-14500-20N1	03075440	Carbure	14,5 - 21,499	198,0	188,0	50,0	145,0	20,0
PMX12B-06800-25N1	03075441	Acier	21,5 - 32,499	127,0	115,0	56,0	68,0	25,0
PMX12B-10400-25N1	03075442	Acier	21,5 - 32,499	163,0	151,0	56,0	104,0	25,0
PMX12B-17000-25N1	03075443	Acier	21,5 - 32,499	229,0	217,0	56,0	170,0	25,0
PMX12BHM-17000-25N1	03075444	Carbure	21,5 - 32,499	229,0	217,0	56,0	170,0	25,0
PMX16B-06300-32N1	03075445	Acier	32,5 - 60,5	124,0	110,0	61,0	63,0	32,0
PMX16B-12700-32N1	03075446	Acier	32,5 - 60,5	188,0	174,0	61,0	127,0	32,0
PMX16B-17000-32N1	03075447	Acier	32,5 - 60,5	231,0	217,0	61,0	170,0	32,0
PMX16BHM-17000-32N1	03075448	Carbure	32,5 - 60,5	231,0	217,0	61,0	170,0	32,0

Pièces détachées, pièces incluses lors de la livraison

Pour attachement	Pour ∅ (mm)	Clé	Kit de serrage	Bouchon pour trou borgne
			 *	 *
PMX05B	7,75-9,900	1.5SMS795	PMX05-CLKI	SB05
PMX06B	9,901-14,499	2SMS795	PMX06-CLKI	SB06
PMX08B	14,500-21,499	2.5SMS795	PMX08-CLKI	SB08
PMX12B	21,500-32,499	4SMS795	PMX12-CLKI	SB12
PMX16B	32,500-60,000	5SMS795	PMX16-CLKI	SB16

* Pièces de rechange pour corps PMX16 uniquement. Pour le PMX16, les vis bouchon sont également utilisées pour le bridage.

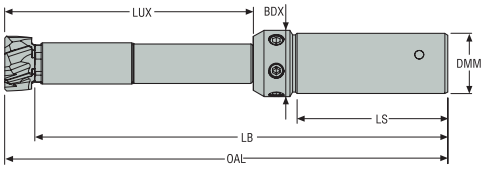
Accessoires

Pour ∅ (mm)	Taille d'attachement	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Couple de serrage
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Attachements ajustables pour trous débouchants

∅ 7,75-60,500 mm / *0.305-2.381"*

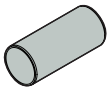




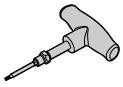
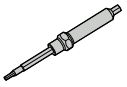
—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

Références	Numéro de produit	DC	OAL	LB	LS	LUX	DMM
		mm	mm	mm	mm	mm	mm
PMX05T-AD-04100-16N1	03271918	7,75 - 9,9	102,0	96,0	48,0	41,0	16,0
PMX06T-AD-05700-16N1	03002833	9,901 - 14,499	117,0	110,0	48,0	57,0	16,0
PMX08T-AD-08200-20N1	03002835	14,5 - 21,499	147,0	137,0	50,0	82,0	20,0
PMX12T-AD-10400-25N1	03002837	21,5 - 32,499	179,0	167,0	56,0	104,0	25,0
PMX16T-AD-12700-32N1	03002839	32,5 - 60,5	214,0	200,0	60,0	127,0	32,0

Pièces détachées, pièces incluses lors de la livraison

Pour attachement	Pour ∅ (mm)	Clé	Bague d'arrosage	Clé	Etalon de contrôle	Vis d'assise
						
PMX05T	7,750-9,900	1.5SMS795	RT05-KI	2SMS795	PMX05-MSTR	HCM4X4X0.5/ISO4026
PMX06T	9,901-14,499	2SMS795	RT06-KI	–	PMX06-MSTR	HCM4X4X0.5/ISO4026
PMX08T	14,50-21,499	2.5SMS795	RT08-KI	–	PMX08-MSTR	HCM5X5X0.5/ISO4026
PMX12T	21,50-32,499	4SMS795	RT12-KI	3SMS795	PMX12-MSTR	HCM6X6X0.75/ISO4026
PMX16T	32,50-60,000	5SMS795	–	3SMS795	–	HCM6X6X0.75/ISO4026

Accessoires

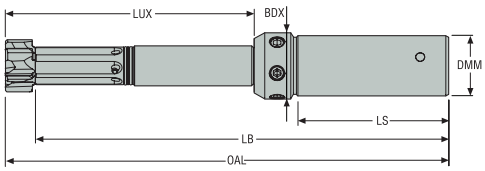
Pour ∅ (mm)	Taille d'attachement	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Couple de serrage
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Remarque : le kit de réparation PMxx-CLKI ne convient pas aux attachements type PMX FL & AD

Attachements ajustables pour trous borgnes

∅ 7,75-60,500 mm / *0.305-2.381"*





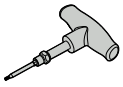
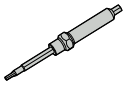
—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

Références	Numéro de produit	DC	OAL	LB	LS	LUX	DMM
		mm	mm	mm	mm	mm	mm
PMX05B-AD-04100-16N1	03271919	7,75 - 9,9	102,0	96,0	48,0	41,0	16,0
PMX06B-AD-05700-16N1	03002834	9,901 - 14,499	117,0	110,0	48,0	57,0	16,0
PMX08B-AD-08200-20N1	03002836	14,5 - 21,499	147,0	137,0	50,0	82,0	20,0
PMX12B-AD-10400-25N1	03002838	21,5 - 32,499	179,0	167,0	56,0	104,0	25,0
PMX16B-AD-12700-32N1	03002840	32,5 - 60,5	214,0	200,0	60,0	127,0	32,0

Pièces détachées, pièces incluses lors de la livraison

Pour attachement	Pour ∅ (mm)	Clé	Clé	Etalon de contrôle	Vis d'assise
					
PMX05B	7,750-9,900	1.5SMS795	2SMS795	PMX05-MSTR	HCM4X4X0.5/ISO4026
PMX06B	9,901-14,499	2SMS795	–	PMX06-MSTR	HCM4X4X0.5/ISO4026
PMX08B	14,50-21,499	2.5SMS795	–	PMX08-MSTR	HCM5X5X0.5/ISO4026
PMX12B	21,50-32,499	4SMS795	3SMS795	PMX12-MSTR	HCM6X6X0.75/ISO4026
PMX16B	32,50-60,000	5SMS795	3SMS795	–	HCM6X6X0.75/ISO4026

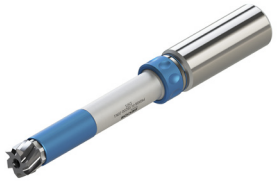
Accessoires

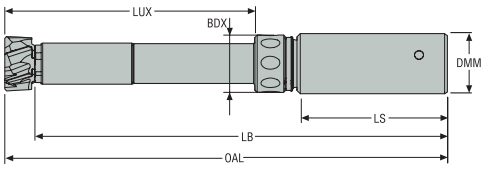
Pour ∅ (mm)	Taille d'attachement	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Couple de serrage
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Remarque : le kit de réparation PMxx-CLKI ne convient pas aux attachements type PMX FL & AD

Mandrins flottants pour trous débouchants

∅ 7,75-60,500 mm / *0.305-2.381"*

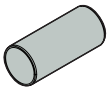




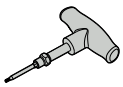
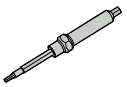
—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

Références	Numéro de produit	DC	OAL	LB	LS	LUX	DMM
		mm	mm	mm	mm	mm	mm
PMX05T-FL-04100-16N1	03197751	7,75 - 9,9	102,0	96,0	48,0	41,0	16,0
PMX06T-FL-05700-16N1	03002825	9,901 - 14,499	117,0	110,0	48,0	57,0	16,0
PMX08T-FL-08200-20N1	03002827	14,5 - 21,499	147,0	137,0	50,0	82,0	20,0
PMX12T-FL-10400-25N1	03002829	21,5 - 32,499	179,0	167,0	56,0	104,0	25,0
PMX16T-FL-12700-32N1	03002831	32,5 - 60,5	214,0	200,0	60,0	127,0	32,0

Pièces détachées, pièces incluses lors de la livraison

Pour attachement	Pour ∅ (mm)	Clé	Bague d'arrosage
			
PMX05T	7,750-9,900	1.5SMS795	RT05-KI
PMX06T	9,901-14,499	2SMS795	RT06-KI
PMX08T	14,50-21,499	2.5SMS795	RT08-KI
PMX12T	21,50-32,499	4SMS795	RT12-KI
PMX16T	32,50-60,000	5SMS795	–

Accessoires

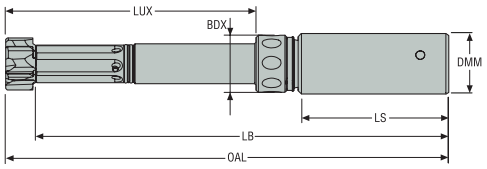
Pour ∅ (mm)	Taille d'attachement	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Couple de serrage
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Remarque : le kit de réparation PMxx-CLKI ne convient pas aux attachements type PMX FL & AD

Mandrins flottants pour trous borgnes

∅ 7,75-60,500 mm / *0.305-2.381"*





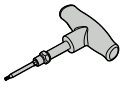
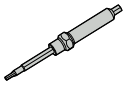
—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

Références	Numéro de produit	DC	OAL	LB	LS	LUX	DMM
		mm	mm	mm	mm	mm	mm
PMX05B-FL-04100-16N1	03271916	7,75 - 9,9	102,0	96,0	48,0	41,0	16,0
PMX06B-FL-05700-16N1	03002826	9,901 - 14,499	117,0	110,0	48,0	57,0	16,0
PMX08B-FL-08200-20N1	03002828	14,5 - 21,499	147,0	137,0	50,0	82,0	20,0
PMX12B-FL-10400-25N1	03002830	21,5 - 32,499	179,0	167,0	56,0	104,0	25,0
PMX16B-FL-12700-32N1	03002832	32,5 - 60,5	214,0	200,0	60,0	127,0	32,0

Pièces détachées, pièces incluses lors de la livraison

Pour attachement	Pour ∅ (mm)	Clé
		
PMX05B	7,750-9,900	1.5SMS795
PMX06B	9,901-14,499	2SMS795
PMX08B	14,50-21,499	2.5SMS795
PMX12B	21,50-32,499	4SMS795
PMX16B	32,50-60,500	5SMS795

Accessoires

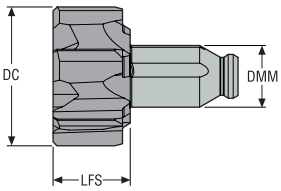
Pour ∅ (mm)	Taille d'attachement	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Numéro de produit	Clé de serrage	Numéro de produit	Embout remplaçable	Couple de serrage
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Remarque : le kit de réparation PMxx-CLKI ne convient pas aux attachements type PMX FL & AD

Têtes pour trous borgnes et débouchants, Conception sur mesure (Custom Design)

∅ 7,75-60,500 mm / *0.305-2.381"*





—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

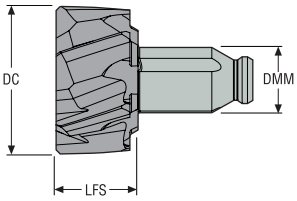
Références	DCN	DCX	LFS	DMM		Taille du corps	Géométries	Nuances										
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	CP20	RX2000	RK2050	RK1550	CF	RX1500	RN2010	RM2020	RM2090	RS2090
PMX5-7.75-XX-XXXX	7,75 *0.305*	9,9 *0.390*	6,0 *0.236*	4,5 *0.177*	6	PMX05-xx	EB45 EB845 EB30	□	□	□	□	□	–	–	□	□	□	□
PMX5-10.0-XX-XXXX	9,901 *0.390*	14,499 *0.571*	7,0 *0.276*	6,0 *0.236*	6	PMX06-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX5-14.5-XX-XXXX	14,5 *0.571*	21,499 *0.846*	10,0 *0.394*	8,0 *0.315*	6	PMX08-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX5-21.5-XX-XXXX	21,5 *0.846*	32,499 *1.279*	12,0 *0.472*	12,0 *0.472*	8	PMX12-XX	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX5-32.5-XX-XXXX	32,5 *1.280*	60,5 *2.382*	14,0 *0.551*	16,0 *0.630*	10	PMX16-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□

□= Non stocké.
Remarque : Pour la commande des Precimaster Plus en diamètre intermédiaire, veuillez précisez le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : PMX5-16.515 P7-EB45 RM2020.

Têtes pour trous débouchants, Conception sur mesure (Custom Design)

∅ 7,75-60,500 mm / *0.305-2.381"*





—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

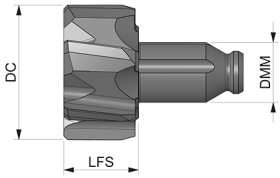
Références	DCN	DCX	LFS	DMM		Taille du corps	Géométries	Nuances										
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	CP20	RX2000	RK2050	RK1550	CF	RX1500	RN2010	RM2020	RM2090	RS2090
PMX6-7.75-XX-XXXX	7,75 *0.305*	9,9 *0.390*	6,0 *0.236*	4,5 *0.177*	6	PMX05-xx	EB45 EB845 EB30	□	□	□	□	□	–	–	□	□	□	□
PMX6-10.0-XX-XXXX	9,901 *0.390*	14,499 *0.571*	7,0 *0.276*	6,0 *0.236*	6	PMX06-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX6-14.5-XX-XXXX	14,5 *0.571*	21,499 *0.846*	10,0 *0.394*	8,0 *0.315*	6	PMX08-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX6-21.5-XX-XXXX	21,5 *0.846*	32,499 *1.279*	12,0 *0.472*	12,0 *0.472*	8	PMX12-XX	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX6-32.5-XX-XXXX	32,5 *1.280*	60,5 *2.382*	14,0 *0.551*	16,0 *0.630*	10	PMX16-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□

□= Non stocké.
Remarque : Pour la commande des Precimaster Plus en diamètre intermédiaire, veuillez précisez le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : PMX6-16.515 P7-EB45 RM2020.

Têtes pour trous borgnes, Conception sur mesure (Custom Design)

∅ 7,75-60,500 mm / *0.305-2.381"*





—Pour le choix géométrie, voir page(s) 313-315
—Paramètres de coupe, voir page(s) 333-339

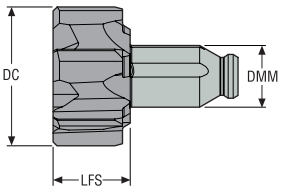
Références	DCN	DCX	LFS	DMM		Taille du corps	Géométries	Nuances										
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	CP20	RX2000	RK2050	RK1550	CF	RX1500	RN2010	RM2020	RM2090	RS2090
PMX4-7.75-XX-XXXX	7,75 *0.305*	9,9 *0.390*	6,0 *0.236*	4,5 *0.177*	6	PMX05-xx	EB45 EB84 EB30	□	□	□	□	□	–	–	□	□	□	□
PMX4-10.0-XX-XXXX	9,901 *0.390*	14,499 *0.571*	7,0 *0.276*	6,0 *0.236*	6	PMX06-xx	EB45 EB84 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX4-14.5-XX-XXXX	14,5 *0.571*	21,499 *0.846*	10,0 *0.394*	8,0 *0.315*	6	PMX08-xx	EB45 EB84 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX4-21.5-XX-XXXX	21,5 *0.846*	32,499 *1.279*	12,0 *0.472*	12,0 *0.472*	8	PMX12-xx	EB45 EB84 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX4-32.5-XX-XXXX	32,5 *1.280*	60,5 *2.382*	14,0 *0.551*	16,0 *0.630*	10	PMX16-xx	EB45 EB84 EB30	□	□	□	□	□	□	□	□	□	□	□

□= Non stocké.
Remarque : Pour la commande des Precimaster Plus en diamètre intermédiaire, veuillez précisez le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : PMX4-16.515 P7-EB45 RM2020.

Tête expansible pour trous débouchants et trous borgnes

∅ 10,00–32,500 mm / *0.393–1.279"*





—Pour le choix géométrie, voir page(s) 313–315
—Paramètres de coupe, voir page(s) 333–339

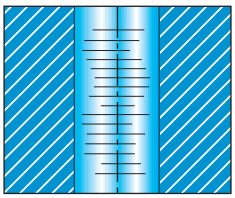
Références	DCN	DCX	LFS	DMM		Taille du corps	Géométries	Nuances										
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	CP20	RX2000	RK2050	RK1550	CF	RX1500	RN2010	RM2020	RM2090	RS2090
PMX8-10.0-XX-XXXX	10,0 *0.394*	14,499 *0.571*	7,0 *0.276*	6,0 *0.236*	6	PMX06-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX8-14.5-XX-XXXX	14,5 *0.571*	21,499 *0.846*	10,0 *0.394*	8,0 *0.315*	6	PMX08-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX8-21.5-XX-XXXX	21,5 *0.846*	32,499 *1.279*	12,0 *0.472*	12,0 *0.472*	8	PMX12-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□

□= Non stocké.
Remarque : Pour la commande des Precimaster Plus en diamètre intermédiaire, veuillez précisez le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : PMX8-16.515 P7-EB45 RM2020.

Incidents & remèdes

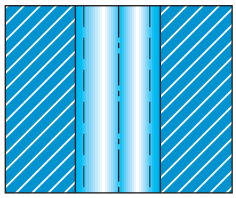
État de surface non satisfaisant

- Vérifier la surépaisseur d'usinage
- Améliorer les conditions d'arrosage (filtration, débit, qualité et concentration)
- Réduire l'avance



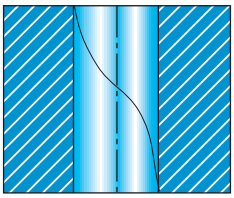
Alésage trop grand

- Améliorer l'alignement (alésoir/trou)



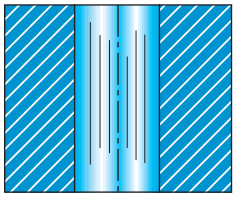
Trace au retour

- Améliorer les conditions d'arrosage (filtration, pression, qualité)
- Améliorer l'alignement (alésoir/trou)
- Augmenter la conicité arrière



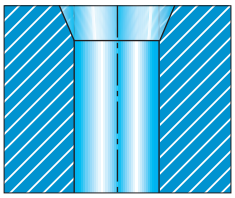
Facettes

- Améliorer l'alignement (alésoir/trou)
- Vérifier la surépaisseur d'usinage



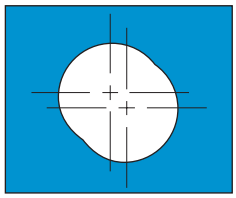
Entrée conique

- Réduire l'avance
- Améliorer l'alignement (alésoir/trou)
- Réduire le faux-rond radial



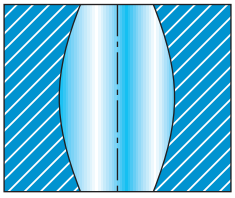
Ovalisation

- Améliorer le bridage pièce (déformation de la pièce)
- Vérifier la surépaisseur d'usinage
- Améliorer l'alignement (alésoir/trou)



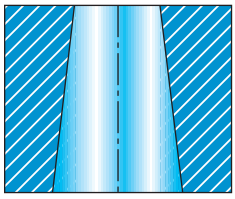
Alésage déformé

- Améliorer le bridage pièce (déformation de la pièce par le bridage)



Alésage conique

- Améliorer l'alignement (alésoir/trou)



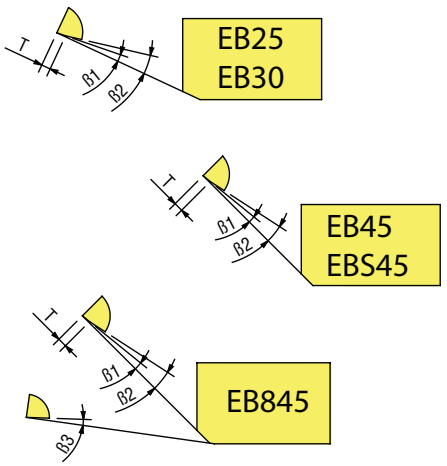
Instructions de réaffûtage

Spécifications

Meule de réaffûtage diamant
Taille de grain :
D6 – Pour les premiers angles de dépouille (β1–β3)
D64 – Pour le second angle de dépouille (β2)

Important :

Le réaffûtage diminue le diamètre de l'alésoir
Un nouveau revêtement peut générer un diamètre surdimensionné
Faux-rond max. sur les chanfreins d'entrée 10 µm *(394 µin)*





∅ **Precimaster Plus mm** *(pouces)*	β_1	β_2	β_3	**T mm** *(pouces)*
7,75–9,999 *(0.3151–0.3937)*	8°	18°	8°	0,20 *(0.008)*
10,00–14,499 *(0.3937–0.5708)*	8°	18°	8°	0,20 *(0.008)*
14,500–21,499 *(0.5709–0.8464)*	8°	18°	8°	0,20 *(0.008)*
21,500–32,499 *(0.8465–1.2795)*	8°	18°	8°	0,25 *(0.010)*
32,500–60,499 *(1.2795–2.3819)*	8°	15°	8°	0,30 *(0.012)*

Paramètres de coupe – PM Plus... -EB45 Métrique

SMG		a_p (∅)		f			v_c										
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RN2010	RM2020	RM2090	RS2090
P1	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–	–	–	–	–
P2	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–	–	–	–	–
P3	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–	–	–	–	–
P4	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–	–
P5	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–	–
P6	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–	–
P7	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–	–
P8	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	15 (10-20)	35 (20-60)	40 (20-80)	–	80 (60-120)	120 (80-180)	–	–	–	–	–
P11	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	15 (10-20)	35 (20-60)	40 (20-80)	–	80 (60-120)	120 (80-180)	–	–	–	–	–
P12	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	12 (8-15)	25 (15-45)	30 (15-65)	–	65 (45-95)	95 (65-145)	–	–	–	–	–
M1	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	12 (9-15)	25 (15-45)	35 (20-70)	–	–	–	–	–	25 (15-40)	40 (25-80)	–
M2	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	25 (15-45)	35 (20-70)	–	–	–	–	–	25 (15-40)	40 (25-80)	–
M3	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	25 (15-45)	35 (20-70)	–	–	–	–	–	25 (15-40)	40 (25-80)	–
M4	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-30)	25 (15-50)	–	–	–	–	–	20 (10-30)	30 (20-60)	–
M5	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-30)	25 (15-50)	–	–	–	–	–	20 (10-30)	30 (20-60)	–
K1	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–	–
K2	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	25 (20-40)	40 (30-70)	45 (35-80)	–	80 (50-100)	90 (55-110)	–	–	–	–
K3	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–	–
K4	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)	–	–	–	–
K5	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)	–	–	–	–
K6	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–	–
K7	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–	–
N1	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	50 (30-100)	–	80 (30-150)	–	–	–	–	50 (30-100)	–	–	–
N2	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	50 (30-100)	–	80 (30-150)	–	–	–	–	50 (30-100)	–	–	–
N3	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	50 (30-100)	–	80 (30-150)	–	–	–	–	50 (30-100)	–	–	–
N11	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	50 (30-100)	–	80 (30-150)	–	–	–	–	50 (30-100)	–	–	–
S1	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	-	–	–	25 (12-30)
S2	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	-	–	–	25 (12-30)
S3	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	-	–	–	25 (12-30)
S11	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	–	50 (25-65)
S12	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	–	50 (25-65)
S13	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	–	50 (25-65)

Le tableau se poursuit à la page suivante.

Paramètres de coupe – PM Plus... -EB45 Métrique

SMG		a_p (∅)		f			v_c										
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RN2010	RM2020	RM2090	RS2090
H3	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H5	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H7	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H8	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H11	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H12	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H21	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H31	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
PM1	PMXxx ..6 ..8 -EB45	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–	–
PM2	PMXxx ..6 ..8 -EB45	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–	–
PM3	PMXxx ..6 ..8 -EB45	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–	–
TS1	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	–
TS2	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	–
TS3	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	–
TS4	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	25 (12-30)
TP1	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	25 (12-30)
TP2	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	25 (12-30)
TP3	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	50 (25-65)
TP4	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	50 (25-65)
GR1	PMXxx ..6 ..8 -EB45	0,10 -0,30	0,10 -0,40	0,30 -0,90	0,40 -1,20	0,50 -1,50	40 (80-20)	–	60 (30-120)	–	–	–	–	–	–	–	50 (25-65)

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – PM Plus...-EB45 *pouces*

SMG		a_p (∅)		f			v_c										
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RN2010	RM2020	RM2090	RS2090
P1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (100-330)	260 (100-490)	–	590 (295-655)	720 (395-985)	–	–	–	–	–
P2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (100-330)	260 (100-490)	–	590 (295-655)	720 (395-985)	–	–	–	–	–
P3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (100-330)	260 (100-490)	–	590 (295-655)	720 (395-985)	–	–	–	–	–
P4	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–	–
P5	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–	–
P6	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–	–
P7	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–	–
P8	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	50 (35-65)	115 (65-195)	130 (65-260)	–	260 (195-395)	395 (260-590)	–	–	–	–	–
P11	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	50 (35-65)	115 (65-195)	130 (65-260)	–	260 (195-395)	395 (260-590)	–	–	–	–	–
P12	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.008	.008 -.028	.012 -.039	.016 -.047	40 (25-50)	80 (50-130)	100 (50-215)	–	215 (150-315)	315 (215-480)	–	–	–	–	–
M1	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	40 (30-50)	80 (50-130)	115 (65-230)	–	–	–	–	–	80 (50-130)	130 (80-260)	–
M2	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	80 (50-130)	115 (65-230)	–	–	–	–	–	80 (50-130)	130 (80-260)	–
M3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	80 (50-130)	115 (65-230)	–	–	–	–	–	80 (50-130)	130 (80-260)	–
M4	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	65 (35-100)	80 (50-165)	–	–	–	–	–	65 (35-100)	100 (65-195)	–
M5	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	65 (35-100)	80 (50-165)	–	–	–	–	–	65 (35-100)	100 (65-195)	–
K1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–	–
K2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	80 (65-130)	130 (100-230)	145 (110-260)	–	260 (165-330)	290 (185-370)	–	–	–	–
K3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–	–
K4	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	330 (230-490)	490 (260-655)	550 (290-735)	–	–	–	–
K5	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	330 (230-490)	490 (260-655)	550 (290-735)	–	–	–	–
K6	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–	–
K7	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–	–
N1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	165 (100-330)	–	260 (100-490)	–	–	–	–	165 (100-330)	–	–	–
N2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	165 (100-330)	–	260 (100-490)	–	–	–	–	165 (100-330)	–	–	–
N3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	165 (100-330)	–	260 (100-490)	–	–	–	–	165 (100-330)	–	–	–
N11	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	165 (100-330)	–	260 (100-490)	–	–	–	–	165 (100-330)	–	–	–
S1	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	–	80 (40-100)
S2	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	–	80 (40-100)
S3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	–	80 (40-100)
S11	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	–	165 (80-215)
S12	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	–	165 (80-215)
S13	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	–	165 (80-215)

Le tableau se poursuit à la page suivante.

Paramètres de coupe – PM Plus...-EB45 *pouces*

SMG		a_p (∅)		f			v_c										
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RN2010	RM2020	RM2090	RS2090
H5	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H7	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H8	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H11	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H12	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H21	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H31	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
PM1	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .012	.012- .035	.016- .047	.020- .059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–	–
PM2	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .012	.012- .035	.016- .047	.020- .059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–	–
PM3	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .012	.012- .035	.016- .047	.020- .059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–	–
TS1	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TS2	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TS3	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TS4	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TP1	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TP2	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TP3	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TP4	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
GR1	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .016	.012- .035	.016- .047	.020- .059	130 (260-65)	–	195 (100-395)	–	–	–	–	–	–	–	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – PM Plus...-EB845 Métrique

SMG		a_p (∅)		f			v_c									
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RM2020	RM2090	RS2090
P3	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–	–	–	–
P4	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–
P5	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–
P6	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–
P7	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–
P8	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	15 (10-20)	35 (20-60)	40 (20-80)	–	80 (60-120)	120 (80-180)	–	–	–	–
P11	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	15 (10-20)	35 (20-60)	40 (20-80)	–	80 (60-120)	120 (80-180)	–	–	–	–
P12	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	12 (8-15)	25 (15-45)	30 (15-65)	–	65 (45-95)	95 (65-145)	–	–	–	–
M1	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	12 (9-15)	25 (15-45)	35 (20-70)	–	–	–	–	25 (15-40)	35 (20-70)	–
M2	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	25 (15-45)	35 (20-70)	–	–	–	–	25 (15-40)	35 (20-70)	–
M3	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	25 (15-45)	35 (20-70)	–	–	–	–	25 (15-40)	35 (20-70)	–
M4	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-30)	25 (15-50)	–	–	–	–	20 (10-30)	25 (15-50)	–
M5	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-30)	25 (15-50)	–	–	–	–	20 (10-30)	25 (15-50)	–
K1	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–
K2	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	25 (20-40)	40 (30-70)	45 (35-80)	–	80 (50-100)	90 (55-110)	–	–	–
K3	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–
K4	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)	–	–	–
K5	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)	–	–	–
K6	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–
K7	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–
S1	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	–	–	25 (12-30)
S2	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	–	–	25 (12-30)
S3	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	–	–	25 (12-30)
S11	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	50 (25-65)
S12	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	50 (25-65)
S13	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	50 (25-65)
H3	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H5	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H7	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H8	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H11	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H12	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H21	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H31	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
PM1	PMXxx ..6 ..8 -EB845	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–
PM2	PMXxx ..6 ..8 -EB845	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–
PM3	PMXxx ..6 ..8 -EB845	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – PM Plus...-EB845 *pouces*

SMG		a_p (∅)		f			v_c									
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RM2020	RM2090	RS2090
P3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (100-330)	260 (100-490)	–	590 (295-655)	720 (395-985)	–	–	–	–
P4	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–
P5	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–
P6	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–
P7	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–
P8	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	50 (35-65)	115 (65-195)	130 (65-260)	–	260 (195-395)	395 (260-590)	–	–	–	–
P11	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	50 (35-65)	115 (65-195)	130 (65-260)	–	260 (195-395)	395 (260-590)	–	–	–	–
P12	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	40 (25-50)	80 (50-130)	100 (50-215)	–	215 (150-315)	315 (215-480)	–	–		
M1	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	40 (30-50)	80 (50-130)	115 (65-230)	–	–	–	–	80 (50-130)	115 (65-230)	–
M2	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	80 (50-130)	115 (65-230)	–	–	–	–	80 (50-130)	115 (65-230)	–
M3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	80 (50-130)	115 (65-230)	–	–	–	–	80 (50-130)	115 (65-230)	–
M4	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	65 (35-100)	80 (50-165)	–	–	–	–	65 (35-100)	80 (50-165)	–
M5	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	65 (35-100)	80 (50-165)	–	–	–	–	65 (35-100)	80 (50-165)	–
K1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–
K2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	80 (65-130)	130 (100-230)	145 (110-260)	–	260 (165-330)	290 (185-370)	–	–	–
K3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–
K4	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	330 (230-490)	490 (260-655)	550 (290-735)	–	–	–
K5	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	330 (230-490)	490 (260-655)	550 (290-735)	–	–	–
K6	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–
K7	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	-
S1	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	80 (40-100)
S2	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	80 (40-100)
S3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	80 (40-100)
S11	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	165 (80-215)
S12	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	165 (80-215)
S13	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	165 (80-215)
H3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H5	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H7	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H8	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H11	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H12	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H21	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H31	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
PM1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–
PM2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–
PM3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – Plus... -EB25/EB30 Métrique

SMG		a_p (∅)		f			v_c						
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550
P1	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–
P2	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–
P3	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–
P4	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–
P5	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–
P6	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–
P7	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–
M1	PMXxx ..6 ..8 -EB25/EB30	0,08-0,15	0,10-0,20	0,80-1,20	1,00-2,00	1,20-2,50	–	25 (15-40)	35 (20-70)	–	–	–	–
K1	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-2,20	1,00-2,80	1,20-3,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)
K2	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-1,80	1,00-2,40	1,20-3,00	–	25 (20-40)	40 (30-70)	45 (35-80)	–	80 (50-100)	90 (55-110)
K3	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-2,20	1,00-2,80	1,20-3,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)
K4	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-2,20	1,00-2,80	1,20-3,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)
K5	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-2,20	1,00-2,80	1,20-3,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)
K6	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-1,80	1,00-2,40	1,20-3,00	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)
K7	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-1,80	1,00-2,40	1,20-3,00	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)
N1	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-2,20	1,00-2,80	1,20-3,50	50 (30-100)	–	–	–	–	–	–
N2	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-2,20	1,00-2,80	1,20-3,50	50 (30-100)	–	–	–	–	–	–
N3	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-2,20	1,00-2,80	1,20-3,50	50 (30-100)	–	–	–	–	–	–
N11	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-2,20	1,00-2,80	1,20-3,50	50 (30-100)	–	–	–	–	–	–
PM1	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,50-1,80	0,80-2,00	1,00-2,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM2	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,50-1,80	0,80-2,00	1,00-2,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM3	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,50-1,80	0,80-2,00	1,00-2,50	–	50 (30-80)	70 (40-100)	–	–	–	–

SMG = Groupes matières Seco. a_p = mm. f = mm/Tr. v_c= m/min. Toutes les données sont des valeurs de départ

Paramètres de coupe – PM Plus... -EB25/EB30 *pouces*

SMG		a_p (∅)		f			v_c						
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550
P1	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	*590 (295-655)*	*720 (395-985)*	–
P2	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	*590 (295-655)*	*720 (395-985)*	–
P3	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	*590 (295-655)*	*720 (395-985)*	–
P4	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	*395 (260-490)*	*590 (295-655)*	–
P5	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	*395 (260-490)*	*590 (295-655)*	–
P6	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	*395 (260-490)*	*590 (295-655)*	–
P7	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	*395 (260-490)*	*590 (295-655)*	–
M1	*PMXxx ..6 ..8 -EB25/EB30*	*.003 –.006*	*.004 –.008*	*.031 –.047*	*.039 –.079*	*.039-.098*	–	*80 (50-130)*	*115 (65-230)*	–	–	–	–
K1	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.087*	*.039 –.110*	*.047-.138*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	*720 (395-985)*	*805 (440-1105)*
K2	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.071*	*.039 –.094*	*.047-.118*	–	*80 (65-130)*	*130 (100-230)*	*145 (110-260)*	–	*260 (165-330)*	*290 (185-370)*
K3	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.087*	*.039 –.110*	*.047-.138*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	*720 (395-985)*	*805 (440-1105)*
K4	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.087*	*.039 –.110*	*.047-.138*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*	*330 (230-490)*	*490 (260-655)*	*550 (290-735)*
K5	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.087*	*.039 –.110*	*.047-.138*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*	*330 (230-490)*	*490 (260-655)*	*550 (290-735)*
K6	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.071*	*.039 –.094*	*.047-.118*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	*720 (395-985)*	*805 (440-1105)*
K7	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.071*	*.039 –.094*	*.047-.118*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	*720 (395-985)*	*805 (440-1105)*
N1	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.087*	*.039 –.110*	*.047-.138*	*165 (100-330)*	–	–	–	–	–	–
N2	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.087*	*.039 –.110*	*.047-.138*	*165 (100-330)*	–	–	–	–	–	–
N3	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.087*	*.039 –.110*	*.047-.138*	*165 (100-330)*	–	–	–	–	–	–
N11	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.087*	*.039 –.110*	*.047-.138*	*165 (100-330)*	–	–	–	–	–	–
PM1	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.020 –.071*	*.031 –.079*	*.039-.098*	–	*165 (100-260)*	*230 (130-330)*	–	–	–	–
PM2	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.020 –.071*	*.031 –.079*	*.039-.098*	–	*165 (100-260)*	*230 (130-330)*	–	–	–	–
PM3	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.020 –.071*	*.031 –.079*	*.039-.098*	–	*165 (100-260)*	*230 (130-330)*	–	–	–	–

SMG = Groupes matières Seco. a_p = *pouces*. f = in/rev. v_c= sf/min. Toutes les conditions de coupe sont des valeurs de départ



Nanofix™

Les alésoirs en carbure monobloc Nanofix™ sont conçus pour les petits diamètres compris entre 2,97 et 12,05 mm (entre 0.117" et 0.474").

- Ils possèdent un arrosage interne avec un système de réglable simple permettant de définir le style de sortie de l'alésage : débouchant ou borgne, selon l'application
- Permet des tolérances comprises entre 10 et 15 µm (entre 0.0004 et 0.0006")
- Huit géométries disponibles : EB45, EBS45, EB845, EB25, EB30, EBS30, EB60 et EB75

Présentation de la gamme

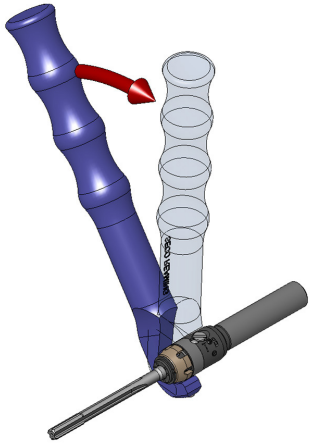
	∅ gamme	Profondeur d'alésage	Tolérance ∅ trou	Diamètres intermédiaires	État de surface
Nanofix™ 	2,97-12,05 mm *(0.1169-0.4744")*	5-12 x D	IT 7	Conception sur mesure également disponible My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*

Nanofix™ est le programme d'alésoir carbure Seco pour les petits ∅ de 2,97 à 12,05 mm *(0.1169 à 0.4744")*.
La conception inclut un système de serrage unique Quick-Fit (système breveté) qui permet de prendre la gamme entière des alésoirs Nanofix avec seulement 2 porte-outils.
Les porte-outils ont un arrosage interne avec un système simple de réglage permettant d'adapter la sortie d'arrosage à l'application : trous borgnes ou trous débouchants.

Quick-fit

Quick-fit

Changement d'outil rapide et facile.
Repositionnement précis du faux-rond et de la longueur.



2 tailles de porte-outils Quick-fit pour couvrir toute la gamme de diamètres



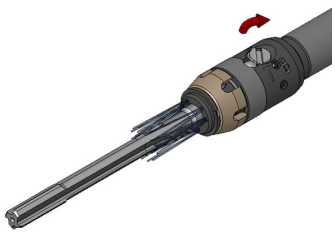
Quick-fit ∅ 10 mm pour
∅ 6,051-12,050 mm
(∅ 0.2382-0.4744")



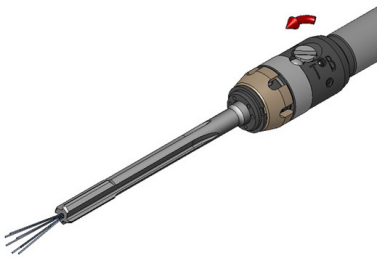
Quick-fit ∅ 6 mm pour
∅ 2,97-6,050 mm
(∅ 0.1169-0.2382")

Un même outil pour les alésages borgnes ou débouchants.

Tourner la vis de réglage d' 1/4 de tour pour changer le mode d'arrosage de borgne à débouchant et vice-versa.



débouchant



borgne

Codification des références :

Attachements



Type d'attachement	Longueur utile	Diamètre de l'attachement cylindrique		
NFQF06	03300	12	N	1
			Neutre	Attachement cylindrique DIN 1835

Alésoirs



Type d'alésoirs	Diamètre et tolérance du trou		
NF06	4H7	EB45	RX2000
		Géométrie d'entrée	Nuance

Alésoirs de diamètre intermédiaire



Type d'alésoirs	Diamètre et tolérance du trou		
NF6	10.1H7	EB845	RX2000
	0.3976"-0.3983"	Géométrie d'entrée	Nuance

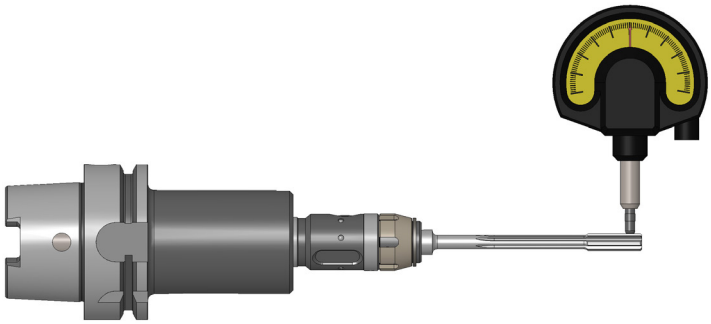
NF06/NF10/NS06/NS10 : Conception à goujures droites, adaptée aux trous débouchants et borgnes.
NF4/NS4 : Conception de goujures hélicoïdales à droite, adaptées pour trous borgnes uniquement.
NF6/NS6 : Conception de goujures hélicoïdales à gauche, adaptées pour trous débouchants uniquement.
La conception de la goujure à gauche augmente l'effet de poussée des copeaux vers l'avant.
La conception à goujure à droite améliore l'action d'évacuation des copeaux vers l'arrière.
Voir choix des géométries de goujures Nanofix page(s) 345.

Faux-rond

Outils rotatifs

Faux-rond max. recommandé : 5 µm *(197 µin)*.
Précision du mandrin recommandé : Mandrin hydraulique, mandrin à pince type D ou mandrin à pince 5672.

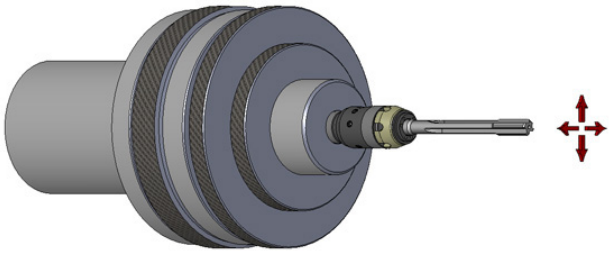
Du fait de l'utilisation d'un joint torique dans le système de réglage de lubrification, le frettage n'est pas recommandé.



Outil statique

Utiliser un porte-outil flottant Seco, voir page 469-473.

Mandrin flottant pour rendre l'alésoir auto-centrant par rapport au trou à aléser.



Conditions d'arrosage

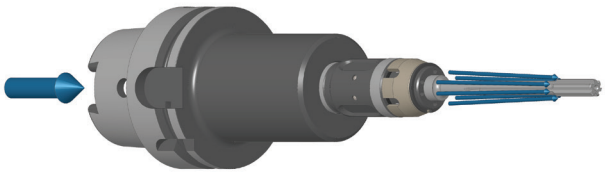
Afin d'obtenir une durée de vie maximum et une qualité de trou satisfaisante, les indications suivantes sur la lubrification doivent être respectées.

Arrosage central recommandé.
L'utilisation en arrosage extérieur impose une réduction des conditions de coupe de 75%.

Huile soluble avec 40% minimum d'huile minérale.
Une huile entière est recommandée pour l'acier inoxydable.

Concentration minimum 6–8%.
Filtration 30-50 µm *(1 181-1 969 µin)*.
Volume min 0,5 l/min/mm *(0.13 gal/min/pouce)* du diamètre de l'outil
(Ex. : pour un alésoir de ∅ 10, le débit minimum est de 5 l/min *(1.3 gal/min)*.

Pression d'arrosage recommandée : 8 - 10 bar mini, 30 bar max.

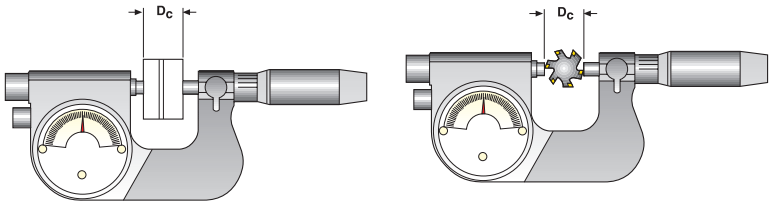


Mesure du diamètre

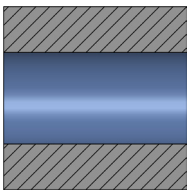
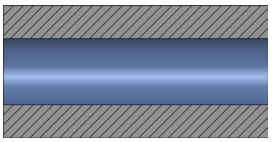
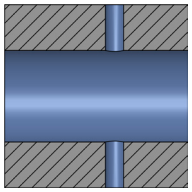
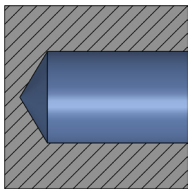
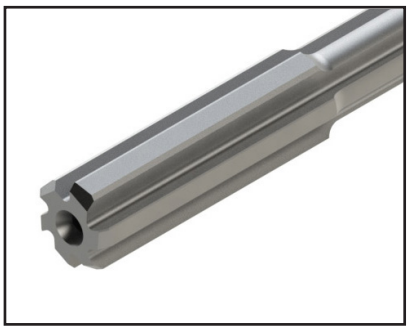
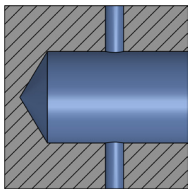
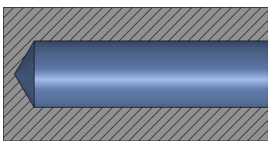
Étalonner le micromètre avant de mesurer le ∅.

Important !
Les alésoirs Nanofix ont des pas différentiels entre les dents.
Lorsque vous contrôlez le diamètre, vérifiez de bien prendre la mesure sur les 2 lames à 180°.

Utiliser un comparateur à cadran et des cales étalons.



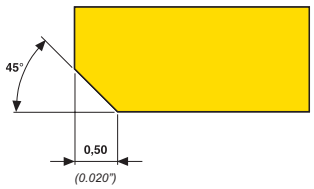
Choix de géométrie de goujure

Pièce à usiner	Diamètre d'alésoir ∅ 2,97-12,50 mm *(0.1169-0.4744")*	
Trou débouchant court < 3 x D 	**Goujures droites** NF06 NS06 NF10 NS10	
Trou débouchant long > 3 x D 	**Goujures hélicoïdales à gauche** NF6 NS6	
Trou débouchant long et sécant 		
Trou borgne 	**Goujures droites** NF06 NS06 NF10 NS10	
Trou borgne et sécant 		
Trou borgne > 3x D. 	**Goujures hélicoïdales à droite** NF4 NS4	

Choix de géométrie – Applications

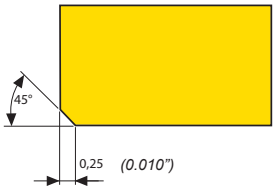
Géométrie d'entrée - EB45

Contrôle des copeaux ++
État de surface +++ R_a 0,8 - 1,2 µm
(État de surface +++ R_a 31 - 47 µin)
Polyvalent



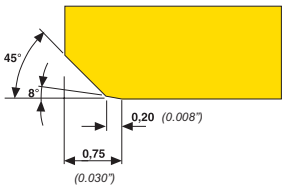
Géométrie d'entrée - EBS45

Contrôle des copeaux +++
État de surface + R_a 0,8 - 1,2 µm
(État de surface + R_a 31 - 47 µin)
EB45 court



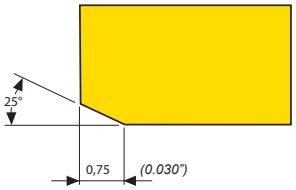
Géométrie d'entrée - EB845

Contrôle des copeaux ++
État de surface +++ R_a 0,2 - 0,8 µm
(État de surface +++ R_a 8 - 31 µin)



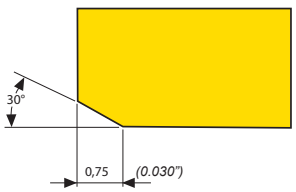
Géométrie d'entrée - EB25

Performances d'avance +++
État de surface ++ R_a 0,4 - 0,8 µm
(État de surface ++ R_a 16 - 31 µin)
Contrôle des copeaux +



Géométrie d'entrée - EB30

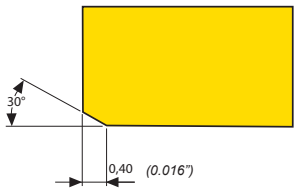
Performances d'avance +++
État de surface ++ R_a 0,4 - 0,8 µm
(État de surface ++ R_a 16 - 31 µin)
Contrôle des copeaux +



Choix de géométrie – Applications

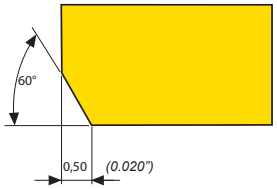
Géométrie d'entrée - EBS30

Performances d'avance +++
État de surface ++ R_a 0,4 - 0,8 µm
(État de surface ++ R_a 16 - 31 µin)
Contrôle des copeaux +
EB30 court



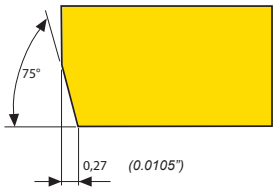
Géométrie d'entrée - EB60

Performances d'avance +
État de surface ++ R_a 0,8 - 1,2 µm
(État de surface ++ R_a 31 - 47 µin)
Contrôle des copeaux ++



Géométrie d'entrée - EB75

Performances d'avance +
État de surface ++ R_a 0,8 - 1,2 µm
(État de surface ++ R_a 31 - 47 µin)
Contrôle des copeaux ++



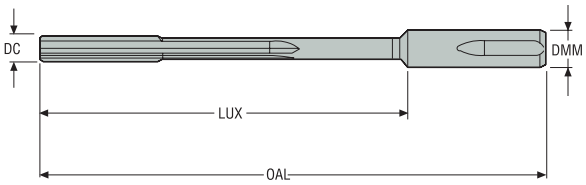
Nuances

	**RX2000**	**Revêtue** Nuances revêtue hautes performances pour toutes les matières.
	**CP20**	**Revêtue** Nuance revêtue polyvalente adaptée à la plupart des matières (sauf l'aluminium). TiN
	**H15**	**Non revêtue** Nuance micrograin tenace pour toutes les matières. Adaptée aux opérations d'alésages de précision grâce à l'acuité d'arête.
	**RN2010**	**Non revêtue** Nuance non revêtue sub-micrograin avec géométries optimisées pour les matériaux N (non ferreux).
	**RM2020**	**Revêtue** Nuance à revêtement dur adaptée aux opérations d'alésage de finition avec géométries optimisées pour les matériaux M.
	**RM2090**	**Revêtue** Nuance revêtue résistante à l'usure avec des géométries spécifiques pour les matériaux M.. Optimisation dans les matériaux M.
	**RK2050**	**Revêtue** Nuance à revêtement dur adaptée aux opérations d'alésage de finition avec géométries optimisées pour les matériaux K.
	**RS2090**	**Revêtue** Nuance revêtue résistante à l'usure avec des géométries spécifiques pour les matériaux S. Optimisation dans les matériaux S.

Alésoir pour trous borgnes et débouchants

∅ 2,97-12,05 mm / *0.116-0.474"*





Références	Numéro de produit	DC	ø mini-max du trou		LUX	DMM	OAL		Géométries			Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		EB45	EB845	EB30	RX2000	H15	H15
NF06-2.98H7-EB45	02728853	2,98 *0.1173*	2,98 *0.1173*	2,99 *0.1177*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-2.99H7-EB45	02728854	2,99 *0.1177*	2,99 *0.1177*	3,0 *0.1181*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-3H7-EB45	02728858	3,0 *0.1181*	3,0 *0.1181*	3,01 *0.1185*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-3.01H7-EB45	02728860	3,01 *0.1185*	3,01 *0.1185*	3,022 *0.1190*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-3.02H7-EB45	02728862	3,02 *0.1189*	3,02 *0.1189*	3,032 *0.1194*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-3.03H7-EB45	02728864	3,03 *0.1193*	3,03 *0.1193*	3,042 *0.1198*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-3.04H7-EB45	02728865	3,04 *0.1197*	3,04 *0.1197*	3,052 *0.1202*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-3.05H7-EB45	02728866	3,05 *0.1201*	3,05 *0.1201*	3,062 *0.1206*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-3.167H7-EB45	02761485	3,167 *0.1247*	3,167 *0.1247*	3,179 *0.1252*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-3.175H7-EB45	02761489	3,175 *0.1250*	3,175 *0.1250*	3,187 *0.1255*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-3.5H7-EB45	02728868	3,5 *0.1378*	3,5 *0.1378*	3,512 *0.1383*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-3.51H7-EB45	02728869	3,51 *0.1382*	3,51 *0.1382*	3,522 *0.1387*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-3.97H7-EB45	02728871	3,97 *0.1563*	3,97 *0.1563*	3,982 *0.1568*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-3.98H7-EB45	02728872	3,98 *0.1567*	3,98 *0.1567*	3,992 *0.1572*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-3.99H7-EB45	02728873	3,99 *0.1571*	3,99 *0.1571*	4,002 *0.1576*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4H7-EB45	02728874	4,0 *0.1575*	4,0 *0.1575*	4,012 *0.1580*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.01H7-EB45	02728875	4,01 *0.1579*	4,01 *0.1579*	4,022 *0.1583*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.02H7-EB45	02728876	4,02 *0.1583*	4,02 *0.1583*	4,032 *0.1587*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.04H7-EB45	02728879	4,04 *0.1591*	4,04 *0.1591*	4,052 *0.1595*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.05H7-EB45	02728880	4,05 *0.1594*	4,05 *0.1594*	4,062 *0.1599*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.5H7-EB45	02728881	4,5 *0.1772*	4,5 *0.1772*	4,512 *0.1776*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.750H7-EB45	02761490	4,75 *0.1870*	4,75 *0.1870*	4,762 *0.1875*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.762H7-EB45	02761494	4,762 *0.1875*	4,762 *0.1875*	4,774 *0.1880*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.97H7-EB45	02728882	4,97 *0.1957*	4,97 *0.1957*	4,982 *0.1961*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.98H7-EB45	02728883	4,98 *0.1961*	4,98 *0.1961*	4,992 *0.1965*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.99H7-EB45	02728884	4,99 *0.1965*	4,99 *0.1965*	5,002 *0.1969*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□

Références	Numéro de produit	DC	ø mini-max du trou		LUX	DMM	OAL		Géométries			Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		EB45	EB845	EB30	RX2000	H15	H15
NF06-5H7-EB45	02728927	5,0 *0.1969*	5,0 *0.1969*	5,012 *0.1973*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.01H7-EB45	02728928	5,01 *0.1972*	5,01 *0.1972*	5,022 *0.1977*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.02H7-EB45	02728929	5,02 *0.1976*	5,02 *0.1976*	5,032 *0.1981*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.03H7-EB45	02728930	5,03 *0.1980*	5,03 *0.1980*	5,042 *0.1985*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.05H7-EB45	02728932	5,05 *0.1988*	5,05 *0.1988*	5,062 *0.1993*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.5H7-EB45	02728933	5,5 *0.2165*	5,5 *0.2165*	5,512 *0.2170*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.97H7-EB45	02728934	5,97 *0.2350*	5,97 *0.2350*	5,982 *0.2355*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.98H7-EB45	02728935	5,98 *0.2354*	5,98 *0.2354*	5,992 *0.2359*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.99H7-EB45	02728936	5,99 *0.2358*	5,99 *0.2358*	6,002 *0.2363*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6H7-EB45	02728937	6,0 *0.2362*	6,0 *0.2362*	6,015 *0.2368*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.01H7-EB45	02728938	6,01 *0.2366*	6,01 *0.2366*	6,025 *0.2372*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.02H7-EB45	02728939	6,02 *0.2370*	6,02 *0.2370*	6,035 *0.2376*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.03H7-EB45	02728940	6,03 *0.2374*	6,03 *0.2374*	6,045 *0.2380*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.04H7-EB45	02728941	6,04 *0.2378*	6,04 *0.2378*	6,055 *0.2384*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.05H7-EB45	02728942	6,05 *0.2382*	6,05 *0.2382*	6,065 *0.2388*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF10-6.334H7-EB45	02761987	6,334 *0.2494*	6,33 *0.2492*	6,345 *0.2498*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-6.350H7-EB45	02762016	6,35 *0.2500*	6,35 *0.2500*	6,365 *0.2506*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-6.3754H7-EB45	02762017	6,375 *0.2510*	6,375 *0.2510*	6,39 *0.2516*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-6.5H7-EB45	02728943	6,5 *0.2559*	6,5 *0.2559*	6,515 *0.2565*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-6.98H7-EB45	02728947	6,98 *0.2748*	6,98 *0.2748*	6,995 *0.2754*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7H7-EB45	02728949	7,0 *0.2756*	7,0 *0.2756*	7,015 *0.2762*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.01H7-EB45	02728950	7,01 *0.2760*	7,01 *0.2760*	7,025 *0.2766*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.02H7-EB45	02728951	7,02 *0.2764*	7,02 *0.2764*	7,035 *0.2770*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.05H7-EB45	02728954	7,05 *0.2776*	7,05 *0.2776*	7,065 *0.2781*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.5H7-EB45	02728955	7,5 *0.2953*	7,5 *0.2953*	7,515 *0.2959*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.9375H7-EB45	02762018	7,9375 *0.3125*	7,937 *0.3125*	7,952 *0.3131*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.97H7-EB45	02728956	7,97 *0.3138*	7,97 *0.3138*	7,985 *0.3144*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.98H7-EB45	02728957	7,98 *0.3142*	7,98 *0.3142*	7,995 *0.3148*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.99H7-EB45	02728958	7,99 *0.3146*	7,99 *0.3146*	8,005 *0.3152*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8H7-EB45	02728959	8,0 *0.3150*	8,0 *0.3150*	8,015 *0.3156*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.01H7-EB45	02728960	8,01 *0.3154*	8,01 *0.3154*	8,025 *0.3159*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.02H7-EB45	02728961	8,02 *0.3157*	8,02 *0.3157*	8,035 *0.3163*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.03H7-EB45	02728962	8,03 *0.3161*	8,03 *0.3161*	8,045 *0.3167*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.04H7-EB45	02728963	8,04 *0.3165*	8,04 *0.3165*	8,055 *0.3171*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□

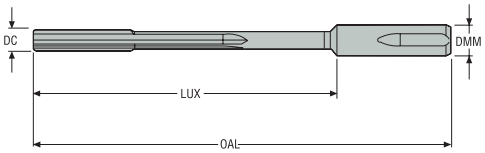
Références	Numéro de produit	DC	ø mini-max du trou		LUX	DMM	OAL		Géométries			Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		EB45	EB845	EB30	RX2000	H15	H15
NF10-8.05H7-EB45	02728964	8,05 *0.3169*	8,05 *0.3169*	8,065 *0.3175*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.5H7-EB45	02728965	8,5 *0.3346*	8,5 *0.3346*	8,515 *0.3352*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9H7-EB45	02728974	9,0 *0.3543*	9,0 *0.3543*	9,015 *0.3549*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.01H7-EB45	02728975	9,01 *0.3547*	9,01 *0.3547*	9,025 *0.3553*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.05H7-EB45	02728979	9,05 *0.3563*	9,05 *0.3563*	9,065 *0.3569*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.5H7-EB45	02728980	9,5 *0.3740*	9,5 *0.3740*	9,515 *0.3746*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.5250H7-EB45	02762020	9,525 *0.3750*	9,525 *0.3750*	9,54 *0.3756*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.97H7-EB45	02728981	9,97 *0.3925*	9,97 *0.3925*	9,985 *0.3931*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.98H7-EB45	02728982	9,98 *0.3929*	9,98 *0.3929*	9,995 *0.3935*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.99H7-EB45	02728983	9,99 *0.3933*	9,99 *0.3933*	10,005 *0.3939*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-10H7-EB45	02728986	10,0 *0.3937*	10,0 *0.3937*	10,015 *0.3943*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-11H7-EB45	02728997	11,0 *0.4331*	11,0 *0.4331*	11,018 *0.4338*	114,0 *4.4880*	10,0 *0.3940*	145,0 *5.7090*	6	■	□	□	■	□	□
NF10-12H7-EB45	02729011	12,0 *0.4724*	12,0 *0.4724*	12,018 *0.4731*	114,0 *4.4880*	10,0 *0.3940*	145,0 *5.7090*	6	■	□	□	■	□	□

■ **Disponibilité : voir tarif en vigueur** □ **Non stocké.**
Remarque : Pour la commande d'alésoirs Nanofix en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : NF10-10.187/10.213-EB845, RX2000.

Diamètres intermédiaires

Goujures droites, version longue, pour trous débouchants et borgnes





—Pour le choix géométrie, voir page(s) 346-347
—Paramètres de coupe, voir page(s) 361-367

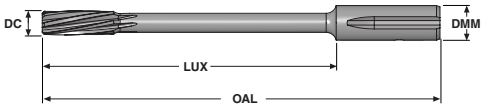
Références	DCN	DCX	LUX	DMM	OAL		Taille du corps	Géométries	Nuances						
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NF06-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	40,0 *0.120*	6,0 *0.236*	60,0 *2.362*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF06-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	60,0 *0.238*	6,0 *0.236*	80,0 *3.150*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF10-6.051-XX-XXXX	6,051 *0.238*	8,05 *0.317*	83,0 *0.317*	10,0 *0.394*	115,0 *4.528*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF10-8.051-XX-XXXX	8,051 *0.317*	10,05 *0.396*	93,0 *0.396*	10,0 *0.394*	125,0 *4.921*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF10-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	114,0 *0.474*	10,0 *0.394*	145,0 *5.709*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐

☐ **= Non stocké en standard.**
Remarque : Pour la commande d'alésoirs Nanofix en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : NF06-5.187/5.213-EB845, RX2000.

Diamètres intermédiaires

Goujures hélicoïdales à gauche, version longue, pour les trous débouchants





—Pour le choix géométrie, voir page(s) 346-347
—Paramètres de coupe, voir page(s) 361-367

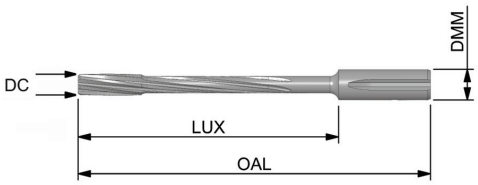
Références	DCN	DCX	LUX	DMM	OAL		Taille du corps	Géométries	Nuances						
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NF6-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	40,0 *1.575*	6,0 *0.236*	60,0 *2.362*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF6-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	60,0 *2.362*	6,0 *0.236*	80,0 *3.150*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF6-6.051-XX-XXXX	6,051 *0.238*	8,05 *0.317*	83,0 *3.268*	10,0 *0.394*	115,0 *4.528*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF6-8.051-XX-XXXX	8,051 *0.317*	10,05 *0.396*	93,0 *3.661*	10,0 *0.394*	125,0 *4.921*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF6-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	114,0 *4.488*	10,0 *0.394*	145,0 *5.709*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐

☐ **= Non stocké en standard.**
Remarque : Pour la commande d'alésoirs Nanofix en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : NF6-5.187/5.213-EB845, RX2000.

Diamètres intermédiaires

Goujures hélicoïdales à droite, version longue, pour trous borgnes





—Pour le choix géométrie, voir page(s) 346-347
—Paramètres de coupe, voir page(s) 361-367

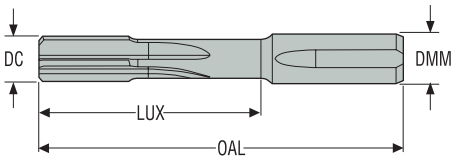
Références	DCN	DCX	LUX	DMM	OAL		Taille du corps	Géométries	Nuances						
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NF4-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	40,0 *1.575*	6,0 *0.236*	60,0 *2.362*	4	NFQF06-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NF4-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	60,0 *2.362*	6,0 *0.236*	80,0 *3.150*	4	NFQF06-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NF4-4.051-XX-XXXX	6,051 *0.238*	8,05 *0.317*	83,0 *3.268*	10,0 *0.394*	115,0 *4.528*	6	NFQF10-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NF4-8.051-XX-XXXX	8,051 *0.317*	10,05 *0.396*	93,0 *3.661*	10,0 *0.394*	125,0 *4.921*	6	NFQF10-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NF4-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	114,0 *4.488*	10,0 *0.394*	145,0 *5.709*	6	NFQF10-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐

☐ **= Non stocké en standard.**
Remarque : Pour la commande d'alésoirs Nanofix en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : NF4-10.187/10.213-EB845, RX2000.

Alésoir pour trous borgnes et débouchants – version courte

∅ 2,97–12,05 mm / *0.116–0.474"*





Références	Numéro de produit	DC	ø mini-max du trou		LUX	DMM	OAL		Géométries			Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		EB45	EB845	EB30	RX2000	H15	H15
NS06-2.97H7-EB...	–	2,97 *0.1169*	2,97 *0.1169*	2,98 *0.1173*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-2.98H7-EB...	–	2,98 *0.1173*	2,98 *0.1173*	2,99 *0.1177*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-2.99H7-EB...	–	2,99 *0.1177*	2,99 *0.1177*	3,00 *0.1181*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-3.00H7-EB...	–	3,0 *0.1181*	3,00 *0.1181*	3,01 *0.1185*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-3H7-EB30	10019456	3,0 *0.1181*	3,01 *0.1185*	3,00 *0.1181*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	■	■	□	□
NS06-3.01H7-EB...	–	3,01 *0.1185*	3,01 *0.1185*	3,02 *0.1190*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-3.02H7-EB...	–	3,02 *0.1189*	3,02 *0.1189*	3,03 *0.1194*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-3.03H7-EB...	–	3,03 *0.1193*	3,03 *0.1193*	3,04 *0.1198*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-3.04H7-EB...	–	3,04 *0.1197*	3,04 *0.1197*	3,05 *0.1202*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-3.05H7-EB...	–	3,05 *0.1201*	3,05 *0.1201*	3,06 *0.1206*	25,0 *0.9840*	6,0 *0.2360*	45,0 *1.7720*	4	□	□	□	□	□	□
NS06-3.167H7-EB...	–	3,167 *0.1247*	3,18 *0.1252*	3,17 *0.1247*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-3.175H7-EB...	–	3,175 *0.1250*	3,18 *0.1250*	3,19 *0.1255*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-3.49H7-EB...	–	3,49 *0.1374*	3,49 *0.1374*	3,50 *0.1379*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-3.50H7-EB...	–	3,5 *0.1378*	3,50 *0.1378*	3,51 *0.1383*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-3.51H7-EB...	–	3,51 *0.1382*	3,51 *0.1382*	3,52 *0.1387*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-3.52H7-EB...	–	3,52 *0.1386*	3,52 *0.1386*	3,53 *0.1391*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-3.97H7-EB...	–	3,97 *0.1563*	3,97 *0.1563*	3,98 *0.1568*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-3.98H7-EB...	–	3,98 *0.1567*	3,98 *0.1567*	3,99 *0.1572*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-3.99H7-EB...	–	3,99 *0.1571*	3,99 *0.1571*	4,00 *0.1576*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.00H7-EB...	–	4,0 *0.1575*	4,00 *0.1575*	4,01 *0.1580*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4H7-EB30	10019457	4,0 *0.1575*	4,01 *0.1580*	4,00 *0.1575*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	■	■	□	□
NS06-4.01H7-EB...	–	4,01 *0.1579*	4,01 *0.1579*	4,02 *0.1583*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.02H7-EB...	–	4,02 *0.1583*	4,02 *0.1583*	4,03 *0.1587*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.03H7-EB...	–	4,03 *0.1587*	4,03 *0.1587*	4,04 *0.1591*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.04H7-EB...	–	4,04 *0.1591*	4,04 *0.1591*	4,05 *0.1595*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.05H7-EB...	–	4,05 *0.1594*	4,05 *0.1594*	4,06 *0.1599*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□

Références	Numéro de produit	DC	ø mini-max du trou		LUX	DMM	OAL		Géométries			Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		EB45	EB845	EB30	RX2000	H15	H15
NS06-4.50H7-EB...	–	4,5 *0.1772*	4,50 *0.1772*	4,51 *0.1776*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.750H7-EB...	–	4,75 *0.1870*	4,75 *0.1870*	4,76 *0.1875*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.750H7-EB30	10019458	4,75 *0.1870*	4,76 *0.1875*	4,75 *0.1870*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	■	■	□	□
NS06-4.762H7-EB...	–	4,762 *0.1875*	4,76 *0.1875*	4,77 *0.1880*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.97H7-EB...	–	4,97 *0.1957*	4,97 *0.1957*	4,98 *0.1961*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.98H7-EB...	–	4,98 *0.1961*	4,98 *0.1961*	4,99 *0.1965*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-4.99H7-EB...	–	4,99 *0.1965*	4,99 *0.1965*	5,00 *0.1969*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.00H7-EB...	–	5,0 *0.1969*	5,00 *0.1969*	5,01 *0.1973*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5H7-EB30	10019459	5,0 *0.1969*	5,01 *0.1973*	5,00 *0.1969*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	■	■	□	□
NS06-5.01H7-EB...	–	5,01 *0.1972*	5,01 *0.1972*	5,02 *0.1977*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.02H7-EB...	–	5,02 *0.1976*	5,02 *0.1976*	5,03 *0.1981*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.03H7-EB...	–	5,03 *0.1980*	5,03 *0.1980*	5,04 *0.1985*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.04H7-EB...	–	5,04 *0.1984*	5,04 *0.1984*	5,05 *0.1989*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.05H7-EB...	–	5,05 *0.1988*	5,05 *0.1988*	5,06 *0.1993*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.50H7-EB...	–	5,5 *0.2165*	5,50 *0.2165*	5,51 *0.2170*	30,0 *1.1810*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.97H7-EB...	–	5,97 *0.2350*	5,97 *0.2350*	5,98 *0.2355*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.98H7-EB...	–	5,98 *0.2354*	5,98 *0.2354*	5,99 *0.2359*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-5.99H7-EB...	–	5,99 *0.2358*	5,99 *0.2358*	6,00 *0.2363*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-6.00H7-EB...	–	6,0 *0.2362*	6,00 *0.2362*	6,01 *0.2367*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-6H7-EB30	10019460	6,0 *0.2362*	6,01 *0.2367*	6,00 *0.2362*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	■	■	□	□
NS06-6.01H7-EB...	–	6,01 *0.2366*	6,01 *0.2366*	6,03 *0.2372*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-6.02H7-EB...	–	6,02 *0.2370*	6,02 *0.2370*	6,04 *0.2376*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-6.03H7-EB...	–	6,03 *0.2374*	6,03 *0.2374*	6,05 *0.2380*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-6.04H7-EB...	–	6,04 *0.2378*	6,04 *0.2378*	6,06 *0.2384*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS06-6.05H7-EB...	–	6,05 *0.2382*	6,05 *0.2382*	6,07 *0.2388*	31,0 *1.2200*	6,0 *0.2360*	50,0 *1.9690*	4	□	□	□	□	□	□
NS10-6.334H7-EB...	–	6,334 *0.2494*	6,33 *0.2494*	6,35 *0.2500*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-6.334H7-EB30	10019461	6,334 *0.2494*	6,35 *0.2500*	6,33 *0.2494*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	4	□	□	■	■	□	□
NS10-6.350H7-EB...	–	6,35 *0.2500*	6,35 *0.2500*	6,37 *0.2506*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-6.375H7-EB...	–	6,375 *0.2510*	6,38 *0.2510*	6,39 *0.2516*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-6.3754H7-EB30	10019462	6,375 *0.2510*	6,39 *0.2516*	6,38 *0.2510*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	4	□	□	■	■	□	□
NS10-6.5H7-EB...	–	6,5 *0.2559*	6,50 *0.2559*	6,52 *0.2565*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-6.97H7-EB...	–	6,97 *0.2744*	6,97 *0.2744*	6,99 *0.2750*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-6.98H7-EB...	–	6,98 *0.2748*	6,98 *0.2748*	7,00 *0.2754*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-6.99H7-EB...	–	6,99 *0.2752*	6,99 *0.2752*	7,01 *0.2758*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□

Références	Numéro de produit	DC	ø mini-max du trou		LUX	DMM	OAL		Géométries			Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		EB45	EB845	EB30	RX2000	H15	H15
NS10-7.00H7-EB...	–	7,0 *0.2756*	7,00 *0.2756*	7,02 *0.2762*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7H7-EB30	10019463	7,0 *0.2756*	7,02 *0.2762*	7,00 *0.2756*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	4	□	□	■	■	□	□
NS10-7.01H7-EB...	–	7,01 *0.2760*	7,01 *0.2760*	7,03 *0.2766*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.02H7-EB...	–	7,02 *0.2764*	7,02 *0.2764*	7,04 *0.2770*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.03H7-EB...	–	7,03 *0.2768*	7,03 *0.2768*	7,05 *0.2774*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.04H7-EB...	–	7,04 *0.2772*	7,04 *0.2772*	7,06 *0.2778*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.05H7-EB...	–	7,05 *0.2776*	7,05 *0.2776*	7,07 *0.2781*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.50H7-EB...	–	7,5 *0.2953*	7,50 *0.2953*	7,52 *0.2959*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.9375H7-EB...	–	7,9375 *0.3125*	7,94 *0.3125*	7,95 *0.3131*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.97H7-EB...	–	7,97 *0.3138*	7,97 *0.3138*	7,99 *0.3144*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.98H7-EB...	–	7,98 *0.3142*	7,98 *0.3142*	8,00 *0.3148*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-7.99H7-EB...	–	7,99 *0.3146*	7,99 *0.3146*	8,01 *0.3152*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.00H7-EB...	–	8,0 *0.3150*	8,00 *0.3150*	8,02 *0.3156*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8H7-EB30	10019464	8,0 *0.3150*	8,02 *0.3156*	8,00 *0.3150*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	4	□	□	■	■	□	□
NS10-8.01H7-EB...	–	8,01 *0.3154*	8,01 *0.3154*	8,03 *0.3159*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.02H7-EB...	–	8,02 *0.3157*	8,02 *0.3157*	8,04 *0.3163*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.03H7-EB...	–	8,03 *0.3161*	8,03 *0.3161*	8,05 *0.3167*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.04H7-EB...	–	8,04 *0.3165*	8,04 *0.3165*	8,06 *0.3171*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.05H7-EB...	–	8,05 *0.3169*	8,05 *0.3169*	8,07 *0.3175*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.50H7-EB...	–	8,5 *0.3346*	8,50 *0.3346*	8,52 *0.3352*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.97H7-EB...	–	8,97 *0.3531*	8,97 *0.3531*	8,99 *0.3537*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.98H7-EB...	–	8,98 *0.3535*	8,98 *0.3535*	9,00 *0.3541*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-8.99H7-EB...	–	8,99 *0.3539*	8,99 *0.3539*	9,01 *0.3545*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.00H7-EB...	–	9,0 *0.3543*	9,00 *0.3543*	9,02 *0.3549*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9H7-EB30	10019465	9,0 *0.3543*	9,02 *0.3549*	9,00 *0.3543*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	4	□	□	■	■	□	□
NS10-9.01H7-EB...	–	9,01 *0.3547*	9,01 *0.3547*	9,03 *0.3553*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.02H7-EB...	–	9,02 *0.3551*	9,02 *0.3551*	9,04 *0.3557*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.03H7-EB...	–	9,03 *0.3555*	9,03 *0.3555*	9,05 *0.3561*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.04H7-EB...	–	9,04 *0.3559*	9,04 *0.3559*	9,06 *0.3565*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.05H7-EB...	–	9,05 *0.3563*	9,05 *0.3563*	9,07 *0.3569*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.50H7-EB...	–	9,5 *0.3740*	9,50 *0.3740*	9,52 *0.3746*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.5123H7-EB...	–	9,5123 *0.3745*	9,51 *0.3745*	9,53 *0.3751*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.5250H7-EB...	–	9,525 *0.3750*	9,53 *0.3750*	9,54 *0.3756*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.525H7-EB30	10019466	9,525 *0.3750*	9,54 *0.3756*	9,53 *0.3750*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	4	□	□	■	■	□	□

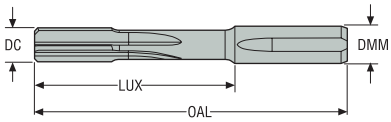
Références	Numéro de produit	DC	ø mini-max du trou		LUX	DMM	OAL		Géométries			Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		EB45	EB845	EB30	RX2000	H15	H15
NS10-9.97H7-EB...	–	9,97 *0.3925*	9,97 *0.3925*	9,99 *0.3931*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.98H7-EB...	–	9,98 *0.3929*	9,98 *0.3929*	10,00 *0.3935*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-9.99H7-EB...	–	9,99 *0.3933*	9,99 *0.3933*	10,01 *0.3939*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-10.00H7-EB...	–	10,0 *0.3937*	10,00 *0.3937*	10,02 *0.3943*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-10H7-EB30	10019467	10,0 *0.3937*	10,02 *0.3943*	10,00 *0.3937*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	4	□	□	■	■	□	□
NS10-10.01H7-EB...	–	10,01 *0.3941*	10,01 *0.3941*	10,03 *0.3948*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-10.02H7-EB...	–	10,02 *0.3945*	10,02 *0.3945*	10,04 *0.3952*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-10.03H7-EB...	–	10,03 *0.3949*	10,03 *0.3949*	10,05 *0.3956*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-10.04H7-EB...	–	10,04 *0.3953*	10,04 *0.3953*	10,06 *0.3960*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-10.05H7-EB...	–	10,05 *0.3957*	10,05 *0.3957*	10,07 *0.3964*	46,0 *1.8110*	10,0 *0.3940*	78,0 *3.0710*	6	□	□	□	□	□	□
NS10-10.50H7-EB...	–	10,5 *0.4134*	10,50 *0.4134*	10,52 *0.4141*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-10.97H7-EB...	–	10,97 *0.4319*	10,97 *0.4319*	10,99 *0.4326*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-10.98H7-EB...	–	10,98 *0.4323*	10,98 *0.4323*	11,00 *0.4330*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-10.99H7-EB...	–	10,99 *0.4327*	10,99 *0.4327*	11,01 *0.4334*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.00H7-EB...	–	11,0 *0.4331*	11,00 *0.4331*	11,02 *0.4338*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.01H7-EB...	–	11,01 *0.4335*	11,01 *0.4335*	11,03 *0.4342*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.02H7-EB...	–	11,02 *0.4339*	11,02 *0.4339*	11,04 *0.4346*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.03H7-EB...	–	11,03 *0.4343*	11,03 *0.4343*	11,05 *0.4350*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.04H7-EB...	–	11,04 *0.4346*	11,04 *0.4346*	11,06 *0.4354*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.05H7-EB...	–	11,05 *0.4350*	11,05 *0.4350*	11,07 *0.4357*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.112H7-EB...	–	11,112 *0.4375*	11,11 *0.4375*	11,13 *0.4382*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.50H7-EB...	–	11,5 *0.4528*	11,50 *0.4528*	11,52 *0.4535*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.97H7-EB...	–	11,97 *0.4713*	11,97 *0.4713*	11,99 *0.4720*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.98H7-EB...	–	11,98 *0.4717*	11,98 *0.4717*	12,00 *0.4724*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-11.99H7-EB...	–	11,99 *0.4720*	11,99 *0.4720*	12,01 *0.4728*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-12.00H7-EB...	–	12,0 *0.4724*	12,00 *0.4724*	12,02 *0.4731*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-12H7-EB30	10019468	12,0 *0.4724*	12,02 *0.4731*	12,00 *0.4724*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	4	□	□	■	■	□	□
NS10-12.01H7-EB...	–	12,01 *0.4728*	12,01 *0.4728*	12,03 *0.4735*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-12.02H7-EB...	–	12,02 *0.4732*	12,02 *0.4732*	12,04 *0.4739*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-12.03H7-EB...	–	12,03 *0.4736*	12,03 *0.4736*	12,05 *0.4743*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-12.04H7-EB...	–	12,04 *0.4740*	12,04 *0.4740*	12,06 *0.4747*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□
NS10-12.05H7-EB...	–	12,05 *0.4744*	12,05 *0.4744*	12,07 *0.4751*	57,0 *2.2440*	10,0 *0.3940*	88,0 *3.4650*	6	□	□	□	□	□	□

■ **Disponibilité : voir tarif en vigueur** □ **Non stocké.**
Remarque : Pour la commande d'alésoirs Nanofix en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : NS10-10.187/10.213-EB845, RX2000.

Diamètres intermédiaires

Goujures droites, version courte, pour trous débouchants et borgnes





—Pour le choix géométrie, voir page(s) 346-347
—Paramètres de coupe, voir page(s) 361-367

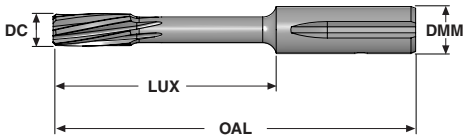
Références	DCN	DCX	LUX	DMM	OAL		Taille du corps	Géométries	Nuances						
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NS06-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	25,0 *0.120*	6,0 *0.236*	45,0 *1.772*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NS06-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	30,0 *0.238*	6,0 *0.236*	50,0 *1.969*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NS10-6.051-XX-XXXX	6,051 *0.238*	10,05 *0.396*	46,0 *0.396*	10,0 *0.394*	78,0 *3.071*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NS10-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	57,0 *0.474*	10,0 *0.394*	88,0 *3.465*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐

☐ **= Non stocké en standard.**
Remarque : Pour la commande d'alésoirs Nanofix en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : NS06-5.187/5.213-EB845, RX2000.

Diamètres intermédiaires

Goujures hélicoïdales à gauche, version courte, pour trous débouchants





—Pour le choix géométrie, voir page(s) 346-347
—Paramètres de coupe, voir page(s) 361-367

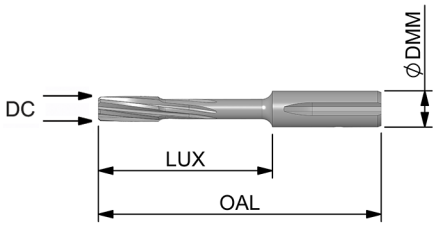
Références	DCN	DCX	LUX	DMM	OAL		Taille du corps	Géométries	Nuances						
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NS6-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	25,0 *0.984*	6,0 *0.236*	45,0 *1.772*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NS6-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	30,0 *1.181*	6,0 *0.236*	50,0 *1.969*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NS6-6.051-XX-XXXX	6,051 *0.238*	8,05 *0.317*	46,0 *1.811*	10,0 *0.394*	78,0 *3.071*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NS6-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	57,0 *2.244*	10,0 *0.394*	88,0 *3.465*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐

☐ **= Non stocké en standard.**
Remarque : Pour la commande d'alésoirs Nanofix en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : NS6-5.187/5.213-EB845, RX2000.

Diamètres intermédiaires

Goujures hélicoïdale à droite, version courte, pour trous borgnes





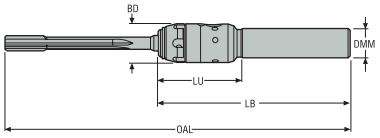
—Pour le choix géométrie, voir page(s) 346-347
—Paramètres de coupe, voir page(s) 361-367

Références	DCN	DCX	LUX	DMM	OAL		Taille du corps	Géométries	Nuances						
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NS4-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	25,0 *0.984*	6,0 *0.236*	45,0 *1.772*	4	NFQF06-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NS4-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	30,0 *1.181*	6,0 *0.236*	50,0 *1.969*	4	NFQF06-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NS4-4.051-XX-XXXX	6,051 *0.238*	8,05 *0.317*	46,0 *1.811*	10,0 *0.394*	78,0 *3.071*	6	NFQF10-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NS4-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	57,0 *2.244*	10,0 *0.394*	88,0 *3.465*	6	NFQF10-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐

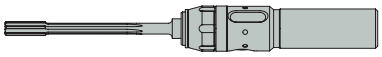
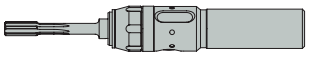
☐ **= Non stocké en standard.**
Remarque : Pour la commande d'alésoirs Nanofix en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : NS4-10.187/10.213-EB845, RX2000.

Porte-outils Nanofix

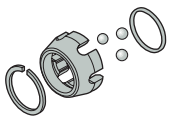




Références	Numéro de produit	DC	DMM	BD	LU	LB
		mm	mm	mm	mm	mm
NFQF06-03700-10N1	02729036	2,97-6,05	10,0	16,0	37,0	80,0
NFQF06-03300-12N1	02729037	2,97-6,05	12,0	16,0	35,0	80,0
NFQF06-03000-16N1	02729041	2,97-6,05	16,0	16,0	30,0	80,0
NFQF10-05200-12N1	02729044	6,051-12,05	12,0	23,0	52,0	100,0
NFQF10-04900-16N1	02729045	6,051-12,05	16,0	23,0	49,0	100,0
NFQF10-04700-20N1	02729046	6,051-12,05	20,0	23,0	47,0	100,0

	Longueur standard	Longueur courte
		
DC	**OAL**	**OAL**
2,970-3,050 mm *(0.1169-0.1200")*	124,5 mm *(4.902")*	109,5 mm *(4.311")*
3,051-6,050 mm *(0.1201-0.2382")*	144,5 mm *(5.689")*	113,5 mm *(4.469")*
6,051-8,050 mm *(0.2383-0.3169")*	189,5 mm *(7.461")*	149,5 mm *(5.886")*
8,051-10,050 mm *(0.3170-0.3956")*	199,5 mm *(7.854")*	152,5 mm *(6.004")*
10,051-12,050 mm *(0.3957-0.4744")*	219,5 mm *(8.642")*	162,5 mm *(6.398")*

Pièces détachées, pièces incluses lors de la livraison

DC	Kit de bridage de rechange	Clé
		
2,97-6,050	NF06-CLKI	CLC06KEY
6,051-12,050	NF10-CLKI	CLC10KEY

Le kit de bridage pour porte-outil Nanofix comprend :

- 1 circlips d'arrêt axial
- 1 écrou de serrage
- 3 billes de serrage (dia 3,5 mm pour la taille NF06 et dia 5 mm pour la taille NF10)
- 1 bille de détrompage (dia 3 mm pour la taille NF06 et dia 4 mm pour la taille NF10)
- 1 joint torique

Remarque : bille de détrompage non illustrée sur la vue ci-dessus.

Paramètres de coupe – NF/NS...-EB45 Métrique

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
P1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P2	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P3	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P4	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P5	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P6	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P7	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P8	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	15 (10-20)	35 (20-60)	40 (20-80)	-	–	–	–	–
P11	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	15 (10-20)	35 (20-60)	40 (20-80)	-	–	–	–	–
P12	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	12 (8-15)	25 (15-45)	30 (15-65)	-	–	–	–	–
M1	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	12 (9-15)	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M2	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M3	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M4	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	20 (10-30)	25 (15-40)	-	–	25 (10-30)	30 (15-40)	–
M5	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	20 (10-30)	25 (15-40)	-	–	25 (10-30)	30 (15-40)	–
K1	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K2	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	25 (20-40)	40 (30-70)	45 (35-80)	–	–	–	–
K3	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K4	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–	–
K5	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–	–
K6	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K7	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
N1	NF/NS-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N2	NF/NS-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N3	NF/NS-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N4	NF/NS-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
S1	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	20 (10-25)
S2	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	20 (10-25)
S3	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	25 (10-25)
S11	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)
S12	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)
S13	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)

Le tableau se poursuit à la page suivante.

Paramètres de coupe – NF/NS...-EB45 Métrique

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
H3	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H5	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H7	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H8	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H11	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H12	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H21	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H31	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
PM1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
PM2	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
PM3	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
TS1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS2	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS3	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS4	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP2	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP3	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP4	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
GR1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	40 (80-20)	–	60 (30-120)	-	–	–	–	–

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – NF/NS...-EB45 *pouces*

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
P1	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P2	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P3	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P4	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P5	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P6	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P7	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P8	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–	–
P11	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–	–
P12	NF/NS-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	40 (25-50)	80 (50-150)	100 (50-215)	–	–	–	–	–
M1	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	40 (30-50)	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M2	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M3	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M4	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	65 (35-100)	80 (50-130)	–	–	65 (35-100)	100 (50-130)	–
M5	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	65 (35-100)	80 (50-130)	–	–	65 (35-100)	100 (50-130)	–
K1	NF/NS-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K2	NF/NS-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	80 (65-130)	130 (100-230)	145 (110-260)	–	–	–	–
K3	NF/NS-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K4	NF/NS-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	–	–	–	–
K5	NF/NS-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	–	–	–	–
K6	NF/NS-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K7	NF/NS-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
N1	NF/NS-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N2	NF/NS-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N3	NF/NS-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N4	NF/NS-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
S1	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	65 (35-80)
S2	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	65 (35-80)
S3	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	80 (35-80)
S11	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)
S12	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)
S13	NF/NS-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)

Le tableau se poursuit à la page suivante.

Paramètres de coupe – NF/NS...-EB45 *pouces*

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
H3	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H5	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H7	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H8	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H11	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H12	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H21	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H31	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
PM1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
PM2	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
PM3	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
TS1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS2	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS3	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS4	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP2	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP3	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP4	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
GR1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*130 (65-260)*	–	*195 (100-395)*	–	–	–	–	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – NF/NS...-EB845 Métrique

SMG		a_p (∅)		f		v_c						
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RM2020	RM2090	RS2090
P3	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,30	0,20 -0,60	–	60 (30-100)	80 (30-150)	–	–	–	–
P4	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	60 (30-120)	–	–	–	–
P5	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P6	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P7	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P8	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	15 (10-20)	35 (20-60)	40 (20-80)	–	–	–	–
P11	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	15 (10-20)	35 (20-60)	40 (20-80)	–	–	–	–
P12	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	12 (8-15)	25 (15-45)	30 (15-65)	–	–	–	–
M1	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	12 (9-15)	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M2	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M3	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M4	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	20 (10-30)	25 (15-40)	–	25 (10-30)	30 (15-40)	–
M5	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	20 (10-30)	25 (15-40)	–	25 (10-30)	30 (15-40)	–
K1	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K2	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	25 (20-40)	40 (30-70)	45 (35-80)	–	–	–
K3	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K4	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (30-150)	–	–	–
K5	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–
K6	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K7	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
S1	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	20 (10-25)
S2	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	20 (10-25)
S3	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	25 (10-25)
S11	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
S12	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
S13	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
H3	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H5	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H7	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H8	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H11	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H12	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H21	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H31	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
PM1	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM2	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM3	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – NF/NS...-EB845 *pouces*

SMG		a_p (∅)		f		v_c						
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RM2020	RM2090	RS2090
P3	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.012	0.008 –0.024	–	195 (100-330)	260 (100-490)	–	–	–	–
P4	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	195 (100-395)	–	–	–	–
P5	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P6	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P7	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P8	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–
P11	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–
P12	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	40 (25-50)	80 (50-150)	100 (50-125)	–	–	–	–
M1	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	40 (30-50)	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M2	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M3	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M4	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	65 (30-100)	80 (50-135)	–	80 (35-100)	100 (50-130)	–
M5	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	65 (30-100)	80 (50-135)	–	80 (35-100)	100 (50-130)	–
K1	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K2	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	80 (65-130)	130 (100-230)	145 (110-260)	–	–	–
K3	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K4	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	150 (100-330)	230 (130-395)	260 (145-440)	–	–	–
K5	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	150 (100-330)	230 (130-395)	260 (145-440)	–	–	–
K6	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K7	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
S1	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S2	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S3	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S11	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
S12	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
S13	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
H3	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H5	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H7	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H8	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H11	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H12	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H21	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H31	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
PM1	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–
PM2	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–
PM3	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – NF/NS...-EB25/EB30 Métrique

SMG		a_p (∅)		f		v_c			
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050
P1	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P2	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P3	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P4	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P5	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P6	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P7	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
M1	NF/NS-EB25/EB30	0,08-0,15	0,10-0,15	0,3-0,7	0,5-1	–	25 (15-40)	35 (20-60)	–
K1	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)
K2	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	25 (20-40)	40 (30-70)	45 (35-80)
K3	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)
K4	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)
K5	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)
K6	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	60 (40-100)	80 (30-150)	90 (35-170)
K7	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	60 (40-100)	80 (30-150)	90 (35-170)
N1	NF/NS-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N2	NF/NS-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N3	NF/NS-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N11	NF/NS-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
PM1	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–
PM2	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–
PM3	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–

SMG = Groupes matières Seco. a_p = mm. f = mm/Tr. v_c= m/min. Toutes les données sont des valeurs de départ

Paramètres de coupe – NF/NS...-EB25/EB30 *pouces*

SMG		a_p (∅)		f		v_c			
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050
P1	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P2	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P3	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P4	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P5	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P6	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P7	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
M1	*NF/NS-EB25/EB30*	*0.003–0.006*	*0.004–0.006*	*0.012–0.028*	*0.020–0.039*	–	*80 (50-130)*	*115 (65-195)*	–
K1	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K2	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*80 (65-130)*	*130 (100-230)*	*145 (110-260)*
K3	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K4	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*
K5	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*
K6	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K7	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
N1	*NF/NS-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N2	*NF/NS-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N3	*NF/NS-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N11	*NF/NS-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
PM1	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–
PM2	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–
PM3	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–

SMG = Groupes matières Seco. a_p = *pouces*. f = in/rev. v_c= sf/min. Toutes les conditions de coupe sont des valeurs de départ

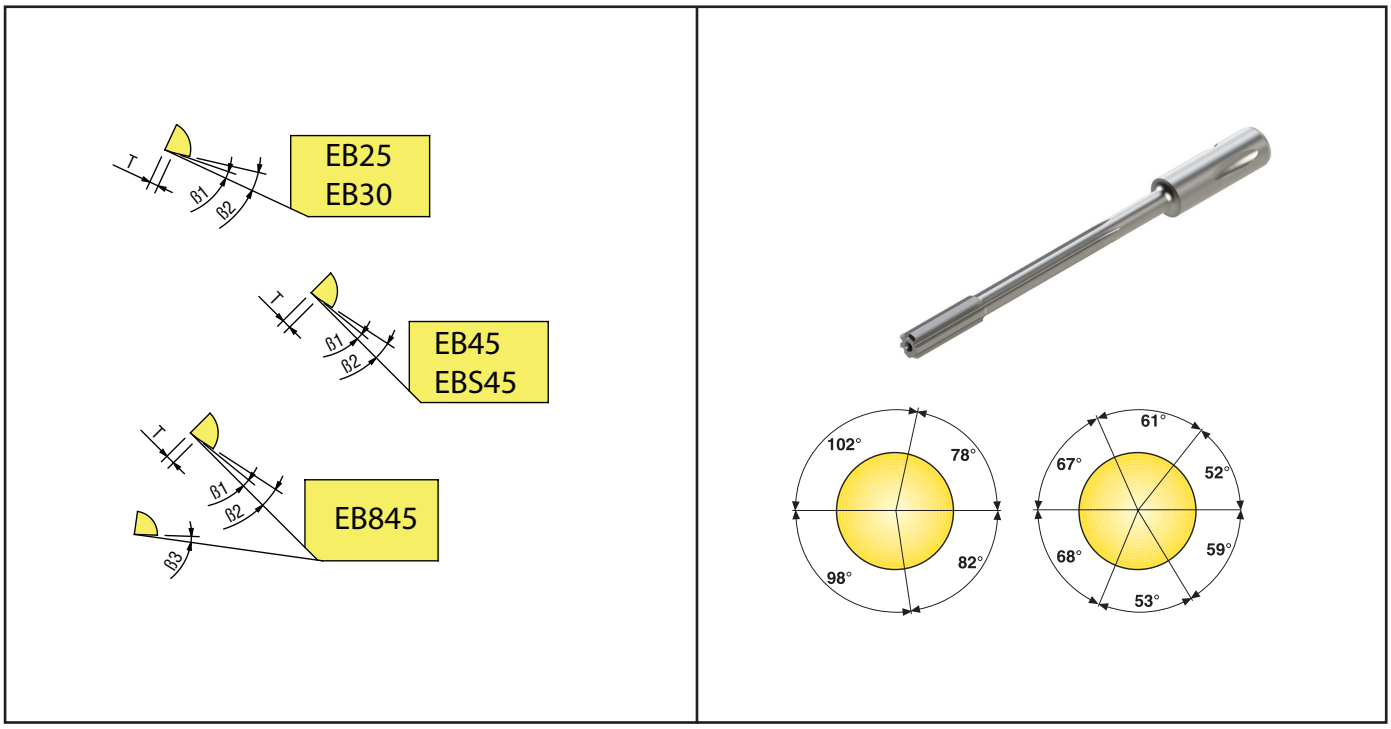
Instructions de réaffûtage

Spécifications

Meule de réaffûtage diamant
Taille de grain :
D6 pour le 1er angle de dépouille (β1 - β3)
D64 pour le second angle de dépouille (β2)

Important

Le réaffûtage diminue le diamètre de l'alésoir.
Un nouveau revêtement peut générer un diamètre surdimensionné.
Faux-rond max. sur les chanfreins d'entrée 10 µm *(394 µin)*.



Nanofix ∅ mm *(pouces)*	β_1	β_2	β_3	T mm *(pouces)*
2,97-9,99 *(0.117-0.393)*	8°	18°	8°	0,15 *(0.006)*
10,00-12,050 *(0.394-0.474)*	8°	18°	8°	0,20 *(0.008)*



Nanojet

Les alésoirs en carbure monobloc Nanojet sont conçus pour les petits diamètres compris entre 1,461 et 9,960 mm (entre .057'' - .392").

- Sortie d'arrosage performante et innovante
- Permet de maintenir des tolérances entre 10 et 15 µm (.0004'' - .0006'')
- 8 géométries disponibles : EB45, EBS45, EB845, EB25, EB30, EBS30, EB60 et EB75

Présentation de la gamme

	∅ gamme	Profondeur d'alésage	Tolérance ∅ trou	Diamètres intermédiaires	État de surface
Nanojet 	1,461-9,960 mm *(0.057-0.392")*	~ 4-7 x D	IT 7	Conception sur mesure également disponible My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*

Le Nanojet est un alésoir en carbure monobloc dédié aux petits diamètres de 1,461 à 9,960 mm (.057" - .392").
La conception comprend une sortie d'arrosage périphérique innovante qui délivre le liquide de refroidissement directement sur les arêtes de coupe de manière optimisée et puissante.

Codification des références :

Alésoirs

Type d'alésoirs — Diamètre et tolérance du trou

N5TS - **4H7** - **EB45** - **RX2000**

Géométrie d'entrée — Nuance



Alésoirs de diamètre intermédiaire

Type d'alésoirs — Diamètre et tolérance du trou

N5BS - **2.5 P7** - **EB30** - **RK2050**

0.0984"-0.0989"

Géométrie d'entrée — Nuance



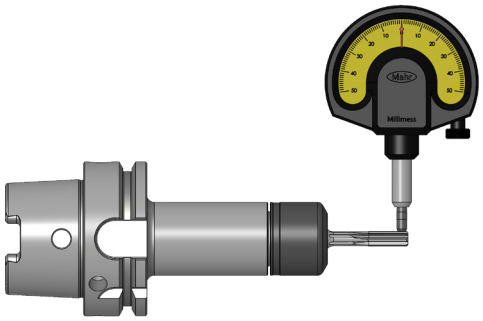
N5TS : conception de goujures droites, adaptée aux trous débouchants.
N5BS : conception de goujures droites, adaptée aux trous borgnes.

Voir choix des géométries de goujures Nanojet page(s) 373.

Faux-rond

Outils rotatifs

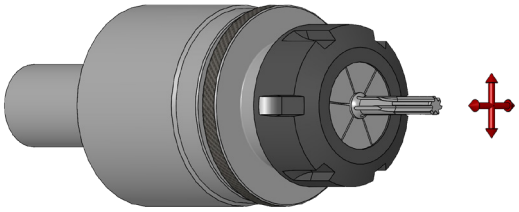
Faux-rond maxi recommandé : 5 µm, (*197 µin*)
Porte-outils de précision recommandés : mandrins hydrauliques, mandrins à pince haute précision ERHP ou porte-outils de frettage



Outil statique

Utiliser un porte-outil flottant Seco, voir page 469-473.

Mandrin flottant pour rendre l'alésoir auto-centrant par rapport au trou à aléser.



Conditions d'arrosage

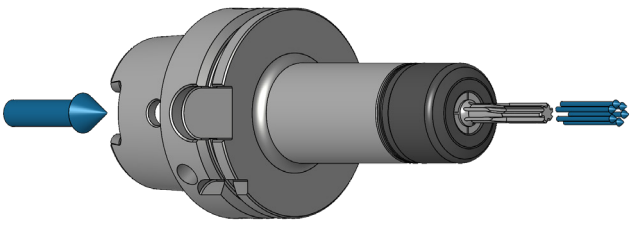
Afin d'obtenir une durée de vie maximum et une qualité de trou satisfaisante, les indications suivantes sur la lubrification doivent être respectées.

Arrosage central recommandé.
L'utilisation en arrosage extérieur impose une réduction des conditions de coupe de 75%.

Huile soluble avec 40% minimum d'huile minérale.
Une huile entière est recommandée pour l'acier inoxydable.

Concentration minimum 6–8%.
Filtration 30-50 µm *(1 181-1 969 µin)*.
Volume min 0,5 l/min/mm *(0.13 gal/min/pouce)* du diamètre de l'outil
(Ex. : pour un alésoir de ∅ 10, le débit minimum est de 5 l/min *(1.3 gal/min)*.

Pression d'arrosage recommandée : 8 - 10 bar mini, 30 bar max.

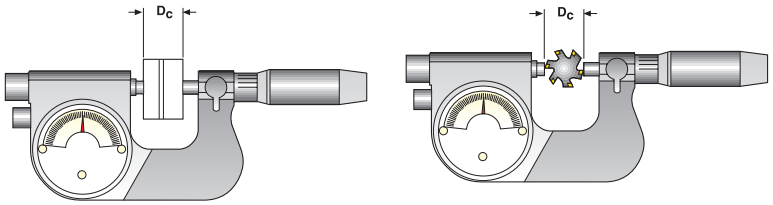


Mesure du diamètre

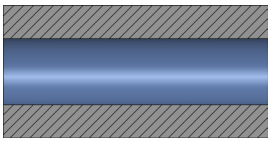
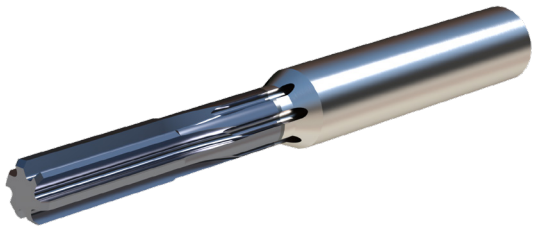
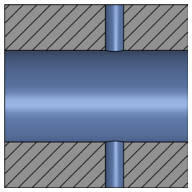
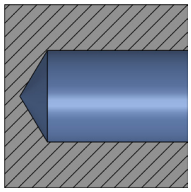
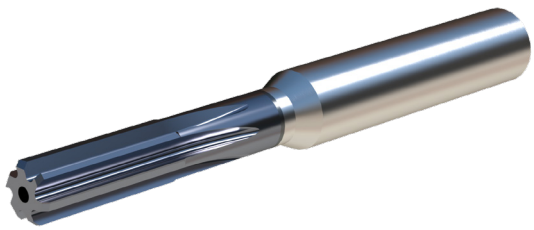
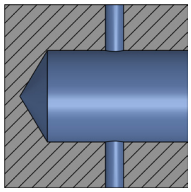
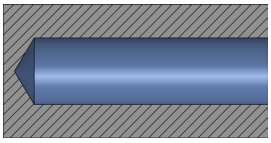
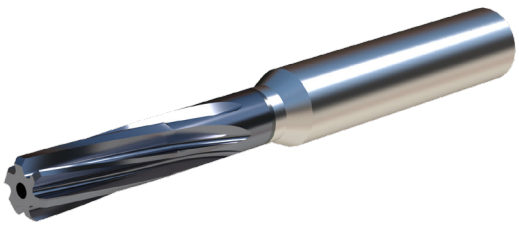
Étalonner le micromètre avant de mesurer le ∅.

Important !
Les alésoirs Nanojet ont des pas différentiels entre les dents.
Lorsque vous contrôlez le diamètre, vérifiez de bien prendre la mesure sur les 2 lames à 180°.

Utiliser un comparateur à cadran et des cales étalons.



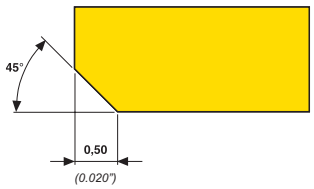
Choix de géométrie de goujure

Pièce à usiner	Diamètre d'alésoir ∅ **1 461-9 960 mm** *(0.057-0.392")*
Trous débouchants 	**Goujures droites** N5T 
Trou débouchant et sécant 	
Trou borgne 	**Goujures droites** N5B 
Trou borgne et sécant 	
Trou borgne > 3 x D 	**Goujures hélicoïdales à droite** N4B 

Choix de géométrie – Applications

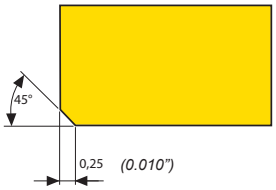
Géométrie d'entrée - EB45

Contrôle des copeaux ++
État de surface +++ R_a 0,8 - 1,2 µm
(État de surface +++ R_a 31 - 47 µin)
Polyvalent



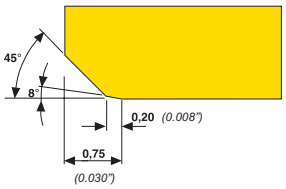
Géométrie d'entrée - EBS45

Contrôle des copeaux +++
État de surface + R_a 0,8 - 1,2 µm
(État de surface + R_a 31 - 47 µin)
EB45 court



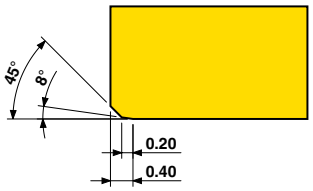
Géométrie d'entrée - EB845

Contrôle des copeaux ++
État de surface +++ R_a 0,2 - 0,8 µm
(État de surface +++ R_a 8 - 31 µin)



Géométrie d'entrée - EBS845

Contrôle des copeaux ++
État de surface +++ R_a 0,2 - 0,8 µm
(État de surface +++ R_a 8 - 31 µin)

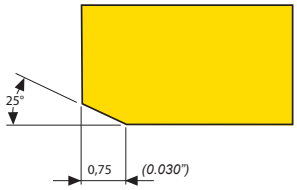


Note : Pour les petits diamètres, les longueurs de géométries d'entrée peuvent être plus petites que celles indiquées ci -dessus.

Choix de géométrie – Applications

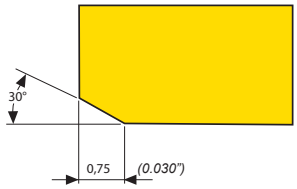
Géométrie d'entrée - EB25

Performances d'avance +++
État de surface ++ R_a 0,4 - 0,8 µm
(État de surface ++ R_a 16 - 31 µin)
Contrôle des copeaux +



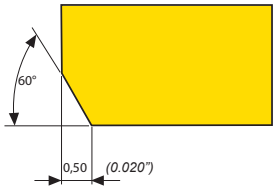
Géométrie d'entrée - EB30

Performances d'avance +++
État de surface ++ R_a 0,4 - 0,8 µm
(État de surface ++ R_a 16 - 31 µin)
Contrôle des copeaux +



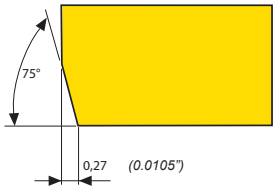
Géométrie d'entrée - EB60

Performances d'avance +
État de surface ++ R_a 0,8 - 1,2 µm
(État de surface ++ R_a 31 - 47 µin)
Contrôle des copeaux ++



Géométrie d'entrée - EB75

Performances d'avance +
État de surface ++ R_a 0,8 - 1,2 µm
(État de surface ++ R_a 31 - 47 µin)
Contrôle des copeaux ++



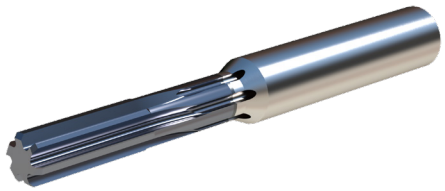
Note : Pour les petits diamètres, les longueurs de géométries d'entrée peuvent être plus petites que celles indiquées ci -dessus.

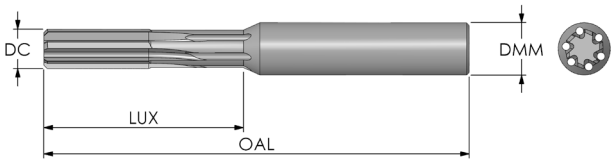
Nuances

	**RX2000**	**Revêtue** Nuances revêtue hautes performances pour toutes les matières.
	**CP20**	**Revêtue** Nuance revêtue polyvalente adaptée à la plupart des matières (sauf l'aluminium). TiN
	**H15**	**Non revêtue** Nuance micrograin tenace pour toutes les matières. Adaptée aux opérations d'alésages de précision grâce à l'acuité d'arête.
	**RN2010**	**Non revêtue** Nuance non revêtue sub-micrograin avec géométries optimisées pour les matériaux N (non ferreux).
	**RM2020**	**Revêtue** Nuance à revêtement dur adaptée aux opérations d'alésage de finition avec géométries optimisées pour les matériaux M.
	**RM2090**	**Revêtue** Nuance revêtue résistante à l'usure avec des géométries spécifiques pour les matériaux M.. Optimisation dans les matériaux M.
	**RK2050**	**Revêtue** Nuance à revêtement dur adaptée aux opérations d'alésage de finition avec géométries optimisées pour les matériaux K.
	**RS2090**	**Revêtue** Nuance revêtue résistante à l'usure avec des géométries spécifiques pour les matériaux S. Optimisation dans les matériaux S.

Alésoir pour trous débouchants

∅ 2–9 mm / *0.0787–0.3150"*





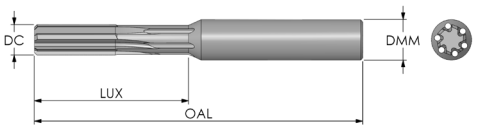
Références	Numéro de produit	DC	ø mini-max du trou		LUX	OAL	DMM		Géométries			Nuances		
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*		EB45	EB845	EB30	RX2000	H15	H15
N5TS-2H7-EB45	10238500	2,0 *0.0787*	2,0 *0.0787*	2,01 *0.0791*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5TS-3H7-EB45	10238501	3,0 *0.1181*	3,0 *0.1181*	3,01 *0.1185*	21,0 *0.8270*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5TS-4H7-EB45	10238502	4,0 *0.1575*	4,0 *0.1575*	4,012 *0.1580*	28,0 *1.1020*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5TS-5H7-EB45	10238503	5,0 *0.1969*	5,0 *0.1969*	5,012 *0.1973*	28,0 *1.1020*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5TS-6H7-EB45	10238504	6,0 *0.2362*	6,0 *0.2362*	6,015 *0.2368*	30,0 *1.1810*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-6.35H7-EB45	10238506	6,35 *0.2500*	6,35 *0.2500*	6,365 *0.2506*	30,0 *1.1810*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-8H7-EB45	10238505	8,0 *0.3150*	8,0 *0.3150*	8,015 *0.3156*	40,0 *1.5750*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□

■ Disponibilité : voir tarif en vigueur□ Non stocké.

Alésoir pour trous débouchants – Diamètres intermédiaires

Goujure droite, version courte – ∅ 1,461-9,960 mm / 0.057- 0.392"





—Pour le choix géométrie, voir page(s) 374–375
—Paramètres de coupe, voir page(s) 380–386

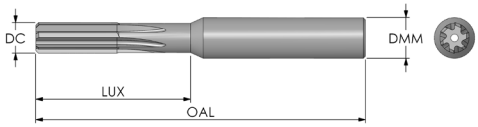
Références	DCN	DCX	LUX	DMM	OAL		Géométries	Nuances						
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
N5TS-1.461-XX.XXX	1,461 *0.058*	2,2 *0.087*	12,0 *0.087*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-2.201-XX.XXX	2,201 *0.087*	2,96 *0.117*	17,0 *0.117*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-2.961-XX.XXX	2,961 *0.117*	3,46 *0.136*	21,0 *0.136*	4,0 *0.157*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-3.461-XX.XXX	3,461 *0.136*	3,96 *0.156*	23,0 *0.156*	4,0 *0.157*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-3.961-XX.XXX	3,961 *0.156*	4,96 *0.195*	28,0 *0.195*	5,0 *0.197*	55,0 *2.165*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-4.961-XX.XXX	4,961 *0.195*	5,96 *0.235*	28,0 *0.235*	6,0 *0.236*	55,0 *2.165*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-5.961-XX.XXX	5,961 *0.235*	6,96 *0.274*	30,0 *0.274*	8,0 *0.315*	65,0 *2.559*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-6.961-XX.XXX	6,961 *0.274*	7,96 *0.313*	31,0 *0.313*	8,0 *0.315*	65,0 *2.559*	–	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-7.961-XX.XXX	7,961 *0.313*	9,96 *0.392*	40,0 *0.392*	10,0 *0.394*	75,0 *2.953*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐

☐ = Non stocké en standard.
Remarque : Pour la commande d'alésoirs Nanojet en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : N5TS-2,5 R7-EBS45, RS2090

Alésoir pour trous borgnes – Diamètres intermédiaires

Goujure droite, version courte – ∅1,461-9,960 mm / 0.057- 0.392"





—Pour le choix géométrie, voir page(s) 374-375
—Paramètres de coupe, voir page(s) 380-386

Références	DCN	DCX	LUX	DMM	OAL		Géométries	Nuances						
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
N5BS-1.461-XX.XXX	1,461 *0.058*	2,2 *0.087*	12,0 *0.087*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-2.201-XX.XXX	2,201 *0.087*	2,96 *0.117*	17,0 *0.117*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-2.961-XX.XXX	2,961 *0.117*	3,46 *0.136*	21,0 *0.136*	4,0 *0.157*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-3.461-XX.XXX	3,461 *0.136*	3,96 *0.156*	23,0 *0.156*	4,0 *0.157*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-3.961-XX.XXX	3,961 *0.156*	4,96 *0.195*	28,0 *0.195*	5,0 *0.197*	55,0 *2.165*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-4.961-XX.XXX	4,961 *0.195*	5,96 *0.235*	28,0 *0.235*	6,0 *0.236*	55,0 *2.165*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-5.961-XX.XXX	5,961 *0.235*	6,96 *0.274*	30,0 *0.274*	8,0 *0.315*	65,0 *2.559*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-6.961-XX.XXX	6,961 *0.274*	7,96 *0.313*	31,0 *0.313*	8,0 *0.315*	65,0 *2.559*	–	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-7.961-XX.XXX	7,961 *0.313*	9,96 *0.392*	40,0 *0.392*	10,0 *0.394*	75,0 *2.953*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐

☐ = Non stocké en standard.
Remarque : Pour la commande d'alésoirs Nanojet en diamètre intermédiaire, veuillez préciser le diamètre ainsi que la tolérance du trou à réaliser.
Exemple de commande : N5BS-8,084/8, 100-EB30, RK2050

Paramètres de coupe – N5TS/N5BS...-EB45 Métrique

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
P1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P2	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P3	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P4	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P5	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P6	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P7	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P8	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	15 (10-20)	35 (20-60)	40 (20-80)	-	–	–	–	–
P11	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	15 (10-20)	35 (20-60)	40 (20-80)	-	–	–	–	–
P12	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	12 (8-15)	25 (15-45)	30 (15-65)	-	–	–	–	–
M1	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	12 (9-15)	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M2	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M3	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M4	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	20 (10-30)	25 (15-40)	-	–	25 (10-30)	30 (15-40)	–
M5	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	20 (10-30)	25 (15-40)	-	–	25 (10-30)	30 (15-40)	–
K1	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K2	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	25 (20-40)	40 (30-70)	45 (35-80)	–	–	–	–
K3	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K4	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–	–
K5	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–	–
K6	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K7	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
N1	N5T/N5B-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N2	N5T/N5B-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N3	N5T/N5B-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N4	N5T/N5B-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
S1	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	20 (10-25)
S2	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	20 (10-25)
S3	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	25 (10-25)
S11	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)
S12	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)
S13	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)

Le tableau se poursuit à la page suivante.

Paramètres de coupe – N5TS/N5BS...-EB45 Métrique

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
H3	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H5	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H7	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H8	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H11	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H12	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H21	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H31	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
PM1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
PM2	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
PM3	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
TS1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS2	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS3	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS4	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP2	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP3	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP4	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
GR1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	40 (80-20)	–	60 (30-120)	-	–	–	–	–

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – N5TS/N5BS...-EB45 *pouces*

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
P1	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P2	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P3	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P4	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P5	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P6	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P7	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P8	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–	–
P11	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–	–
P12	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	40 (25-50)	80 (50-150)	100 (50-215)	–	–	–	–	–
M1	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	40 (30-50)	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M2	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M3	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M4	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	65 (35-100)	80 (50-130)	–	–	65 (35-100)	100 (50-130)	–
M5	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	65 (35-100)	80 (50-130)	–	–	65 (35-100)	100 (50-130)	–
K1	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K2	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	80 (65-130)	130 (100-230)	145 (110-260)	–	–	–	–
K3	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K4	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	–	–	–	–
K5	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	–	–	–	–
K6	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K7	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
N1	N5T/N5B-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N2	N5T/N5B-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N3	N5T/N5B-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N4	N5T/N5B-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
S1	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	65 (35-80)
S2	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	65 (35-80)
S3	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	80 (35-80)
S11	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)
S12	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)
S13	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)

Le tableau se poursuit à la page suivante.

Paramètres de coupe – N5TS/N5BS...-EB45 *pouces*

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
H3	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H5	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H7	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H8	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H11	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H12	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H21	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H31	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
PM1	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
PM2	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
PM3	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
TS1	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS2	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS3	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS4	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP1	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP2	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP3	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP4	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
GR1	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*130 (65-260)*	–	*195 (100-395)*	–	–	–	–	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – N5TS/N5BS...-EB845 Métrique

SMG		a_p (∅)		f		v_c						
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RM2020	RM2090	RS2090
P3	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,30	0,20 -0,60	–	60 (30-100)	80 (30-150)	–	–	–	–
P4	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	60 (30-120)	–	–	–	–
P5	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P6	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P7	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P8	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	15 (10-20)	35 (20-60)	40 (20-80)	–	–	–	–
P11	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	15 (10-20)	35 (20-60)	40 (20-80)	–	–	–	–
P12	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	12 (8-15)	25 (15-45)	30 (15-65)	–	–	–	–
M1	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	12 (9-15)	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M2	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M3	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M4	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	20 (10-30)	25 (15-40)	–	25 (10-30)	30 (15-40)	–
M5	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	20 (10-30)	25 (15-40)	–	25 (10-30)	30 (15-40)	–
K1	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K2	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	25 (20-40)	40 (30-70)	45 (35-80)	–	–	–
K3	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K4	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (30-150)	–	–	–
K5	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–
K6	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K7	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
S1	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	20 (10-25)
S2	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	20 (10-25)
S3	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	25 (10-25)
S11	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
S12	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
S13	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
H3	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H5	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H7	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H8	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H11	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H12	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H21	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H31	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
PM1	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM2	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM3	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – N5TS/N5BS...-EB845 *pouces*

SMG		a_p (∅)		f		v_c						
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RM2020	RM2090	RS2090
P3	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.012	0.008 –0.024	–	195 (100-330)	260 (100-490)	–	–	–	–
P4	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	195 (100-395)	–	–	–	–
P5	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P6	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P7	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P8	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–
P11	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–
P12	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	40 (25-50)	80 (50-150)	100 (50-125)	–	–	–	–
M1	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	40 (30-50)	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M2	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M3	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M4	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	65 (30-100)	80 (50-135)	–	80 (35-100)	100 (50-130)	–
M5	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	65 (30-100)	80 (50-135)	–	80 (35-100)	100 (50-130)	–
K1	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K2	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	80 (65-130)	130 (100-230)	145 (110-260)	–	–	–
K3	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K4	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	150 (100-330)	230 (130-395)	260 (145-440)	–	–	–
K5	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	150 (100-330)	230 (130-395)	260 (145-440)	–	–	–
K6	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K7	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
S1	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S2	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S3	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S11	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
S12	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
S13	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
H3	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H5	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H7	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H8	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H11	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H12	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H21	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H31	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
PM1	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–
PM2	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–
PM3	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – N5TS/N5BS...-EB25/EB30 Métrique

SMG		a_p (∅)		f		v_c			
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050
P1	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P2	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P3	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P4	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P5	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P6	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P7	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
M1	N5T/N5B-EB25/EB30	0,08-0,15	0,10-0,15	0,3-0,7	0,5-1	–	25 (15-40)	35 (20-60)	–
K1	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)
K2	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	25 (20-40)	40 (30-70)	45 (35-80)
K3	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)
K4	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)
K5	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)
K6	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	60 (40-100)	80 (30-150)	90 (35-170)
K7	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	60 (40-100)	80 (30-150)	90 (35-170)
N1	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N2	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N3	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N11	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
PM1	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–
PM2	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–
PM3	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–

SMG = Groupes matières Seco. a_p = mm. f = mm/Tr. v_c= m/min. Toutes les données sont des valeurs de départ

Paramètres de coupe – N5TS/N5BS...-EB25/EB30 *pouces*

SMG		a_p (∅)		f		v_c			
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050
P1	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P2	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P3	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P4	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P5	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P6	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P7	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
M1	*N5T/N5B-EB25/EB30*	*0.003–0.006*	*0.004–0.006*	*0.012–0.028*	*0.020–0.039*	–	*80 (50-130)*	*115 (65-195)*	–
K1	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K2	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*80 (65-130)*	*130 (100-230)*	*145 (110-260)*
K3	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K4	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*
K5	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*
K6	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K7	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
N1	*N5T/N5B-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N2	*N5T/N5B-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N3	*N5T/N5B-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N11	*N5T/N5B-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
PM1	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–
PM2	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–
PM3	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–

SMG = Groupes matières Seco. a_p = *pouces*. f = in/rev. v_c= sf/min. Toutes les conditions de coupe sont des valeurs de départ

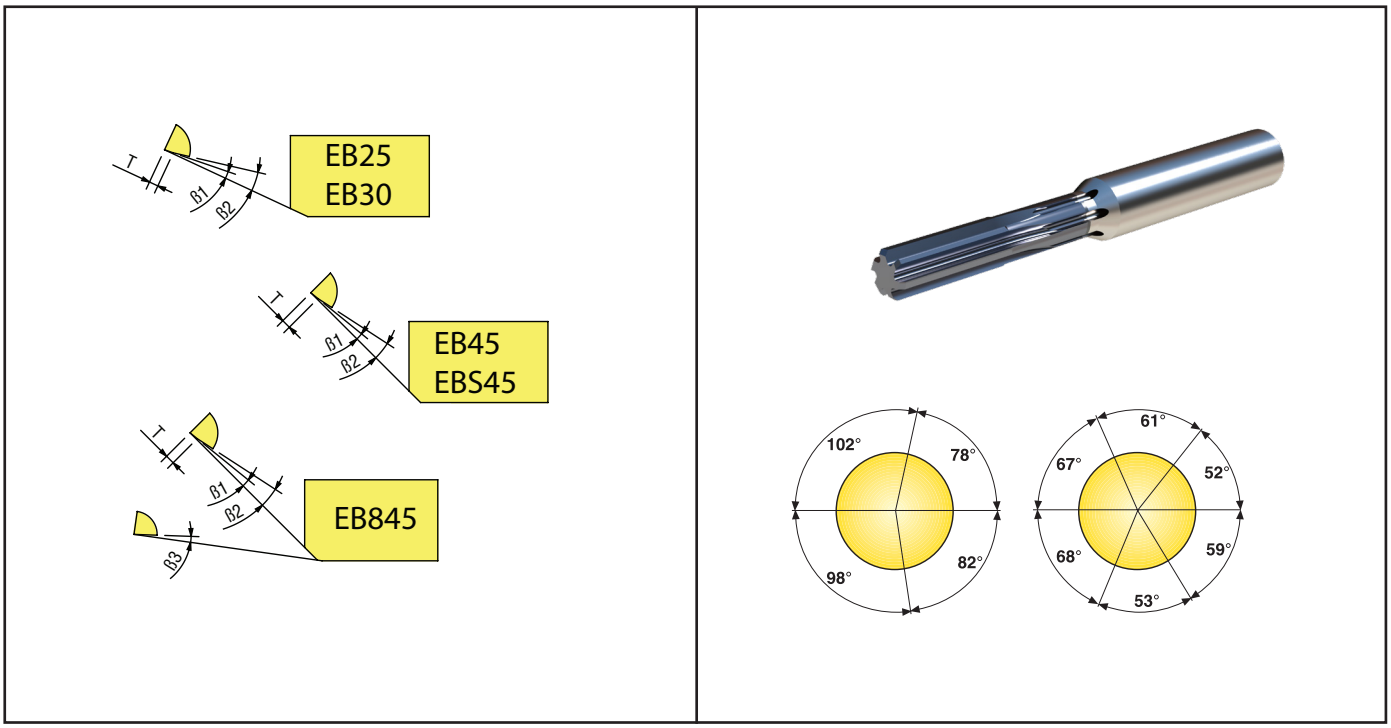
Instructions de réaffûtage

Spécifications

Meule de réaffûtage diamant
Taille de grain :
D6 pour le 1er angle de dépouille (β1 - β3)
D64 pour le second angle de dépouille (β2)

Important

Le réaffûtage diminue le diamètre de l'alésoir.
Un nouveau revêtement peut générer un diamètre surdimensionné.
Faux-rond max. sur les chanfreins d'entrée 10 µm *(394 µin)*.



Nanojet ∅ mm *(pouces)*	β_1	β_2	β_3	T mm *(pouces)*
1,461-2,460 *(0.0575-0.0968")*	8°	21°	8°	0,10 *(0.004")*
2,461-2,960 *(0.0969-0.1165")*	8°	18°	8°	0,10 *(0.004")*
2,961-9,960 *(0.1166-0.3921")*	8°	18°	8°	0,15 *(0.006")*



Bifix®

Les alésoirs à lame indexable Bifix® assurent performance et haute précision pour tous les groupes de matières à usiner

- Permet des tolérances comprises entre 8 et 16 µm et un état de surface de Ra 0.25 (RMS 12 micro/pouce)
- Les lames indexables présentent deux arêtes de coupe par lame
- Trois patins de guidage cermet et un système de réglage précis

Présentation de la gamme

	∅ gamme	Profondeur d'alésage	Tolérance ∅ trou	Diamètres intermédiaires	État de surface
SR80 Pour les trous débouchants 	6,875-60,500 mm *(0.2707-2.3819")*	5-7 x D	IT 6	Conception sur mesure également disponible My Design	R_a 0,2-0,8 µm *(R_a 8-31 µin)*
SR81 Pour trous borgnes 	7,875-60,500 mm *(0.3100-2.3819")*	5-7 x D	IT 6-7	Conception sur mesure également disponible My Design	R_a 0,2-0,8 µm *(R_a 8-31 µin)*
SR82 Pour trous borgnes, série courte 	7,875-60,500 mm *(0.3100-2.3819")*	3-5 x D	IT 6-7	Conception sur mesure également disponible My Design	R_a 0,2-0,8 µm *(R_a 8-31 µin)*

Codification des références :

Alésoirs

Type d'alésoir :
Type 80 : Pour trous débouchants
Type 81 : Pour trous borgnes
Type 82 : Pour trous borgnes, série courte.



Type d'alésoir :
Type 80 : Pour trous débouchants
Type 81 : Pour trous borgnes
Type 82 : Pour trous borgnes, série courte.

Diamètre et tolérance du trou

Type de géométrie d'entrée
EN1, EN2, EN3

SR80 - 16.85 P6 - EN1 - R - 9

0.6624"-0.6628"

Type d'attachement : (à déterminer lorsque le type n'est pas standard)
SR80 et SR81 : R1 sans plat est standard
SR82 : R9 avec le plat - standard

Lames

Important :
L'alésoir et les lames doivent avoir la même géométrie d'entrée.

Taille de lame :
P0, P1, P2, P4

Angle de coupe :
0°, 6°, 12°

P2 - EN1 - 06 - CP20

Type de géométrie d'entrée
EN1, EN2, EN3

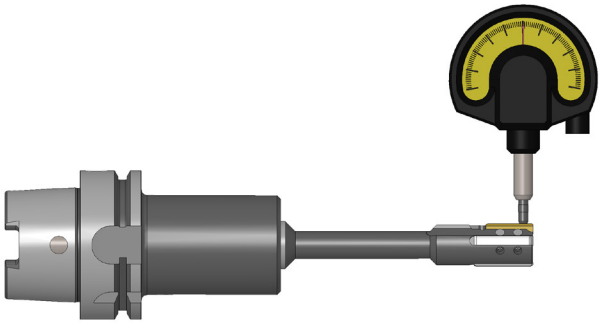
Nuance carbure :
CP20, H15

Réglage et données d'usinage

Outils rotatifs

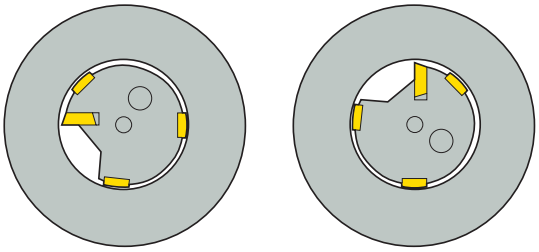
Faux-rond max. recommandé : 0,02 mm *(0.0008")*.
Précision du mandrin recommandé : Mandrin hydraulique, mandrin à pince de type D, mandrin à fretter ou à pince 5672.

Outil statique
Utiliser un mandrin flottant Seco, voir page 469-473.



Pour une évacuation optimale des copeaux

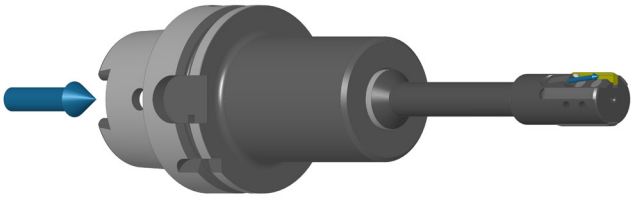
Orientation de lame recommandée pour des outils statiques (voir dessin, vue depuis l'avant des outils).



Conditions d'arrosage

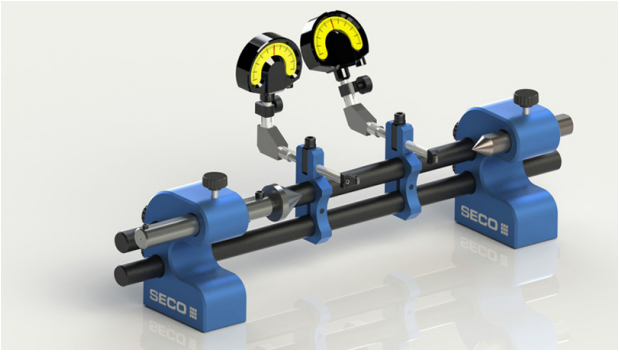
Afin d'obtenir une durée de vie maximum et une qualité de trou satisfaisante, les indications suivantes sur la lubrification doivent être respectées.
L'arrosage central est recommandé. L'utilisation en arrosage extérieur impose une réduction des conditions de coupe < 2 x D.
Utiliser une huile soluble avec 40 % minimum d'huile minérale. Une huile entière est recommandée pour l'acier inoxydable.
Filtration 30-50 µm *(1 200-2 000 µin)*.
Débit mini 0,5 l/min/mm *(3.35 gal/min/pouce)* du diamètre de l'outil.
Ex : pour un alésoir de ∅ 10, le débit minimum est de 5 l/min *(1.3 gal/min)*).

Pression d'arrosage recommandée : 8 - 10 bar mini, 30 bar max.



Banc de réglage

SF-60200-C160C190 : Réf. 02885396
- Position horizontale
- Premier choix pour un Ø inférieur à 60 mm *(2.362")*
- 2 comparateurs
- Ø d'outil maximum : 60,5 mm *(2.382")*
- Longueur maximale de l'outil : 200 mm *(7.784")*



Choix de géométrie – Lames

Note : l'alésoir et la lame doivent avoir la même entrée.

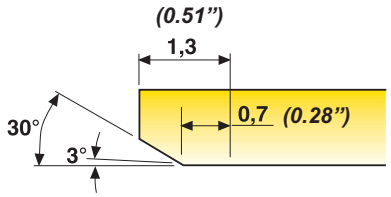
Nuance et angle de coupe
Utiliser les tableaux page(s) 650-656 pour classer la matière à usiner dans les groupes matières Seco correspondants.

Utiliser les tableaux de paramètres de coupe recommandés page(s) 403-411 pour choisir la nuance et l'angle de coupe.

La gamme complète de lames se trouve page(s) 401, 402.

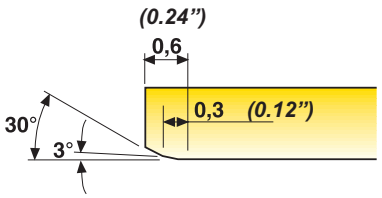
EN1 - Application

Surépaisseur maximum ∅ 0,5 mm *(0.020")*
État de surface + R_a 0,3 - 0,8 µm
(État de surface + R_a 12 - 31 µin)



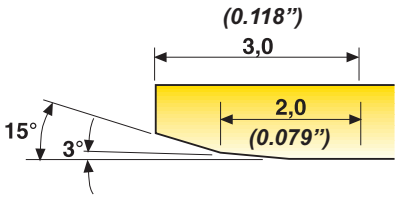
EN2 - Entrée courte

Surépaisseur maximum ∅ 0,3 mm *(0.012")*
État de surface + R_a 0,4 - 1,2 µm
(État de surface + R_a 16 - 47 µin)
Vitesse d'avance maximale 0,2 mm/tour *(0.008" pouce/tour)*.
Utiliser uniquement lorsqu'une entrée de coupe courte est nécessaire
Coupe en bout.



EN3 - Haute qualité d'état de surface

Surépaisseur maximum ∅ 0,5 mm *(0.020")*
État de surface + R_a 0,2 - 0,6 µm
(État de surface + R_a 8 - 24 µin)
Convient pour tous les matériaux à l'exception de l'aluminium
À utiliser lorsque R_a doit être de < 0,3-0,4 µm *(12-16 µin)*



Optimisation / Nuances

Utiliser le tableau de sélection de lame pour choisir les alternatives pour une productivité plus élevée ou une sécurité accrue

Sélection de la lame

Taille de lame	Acier	Acier inoxydable	Fontes	Non-ferreux	Aluminium	Résistance à l'usure ⟷ Ténacité			Désignation	
						Productivité	Polyvalence	Sécurité	Lame	Nuance
P0, P1, P2, P4										
			•	•				X	Pxx-ENx-00	H15
	•		•		•			X	Pxx-ENx-06	H15
		•		•	•			X	Pxx-ENx-12	H15
	•					X			Pxx-ENx-00	CP20
	•		•				X		Pxx-ENx-06	CP20
	•	•					X		Pxx-ENx-12	CP20
	•		•			X			Pxx-ENx-00	CP15
	•		•			X			Pxx-ENx-06	CP15
	•	•		•	•	X			Pxx-ENx-12	CP15

Nuances



CP15

Revêtue
Un revêtement résistant à l'usure, une alternative au CP20. Pour l'optimisation dans les fontes et aciers.
Convient également aux matériaux non ferreux.
Ti(C, N)



CP20

Revêtue
Nuance revêtue polyvalente adaptée à la plupart des matières (sauf l'aluminium).
TiN



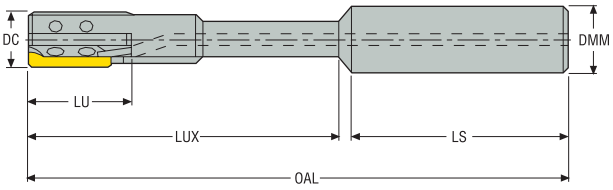
H15

Non revêtue
Nuance micrograin tenace pour toutes les matières. Adaptée aux opérations d'alésages de précision grâce à l'acuité d'arête.

Pour les trous débouchants ∅ 7H6-26H6

Type d'attachement R1, cylindrique sans plat, SR80





—Informations sur les lames page(s) 401, 402
—Arrosage interne
—Paramètres de coupe, voir page(s) 403-411

Désignation	DC	OAL	LS	LUX	LU	DMM	Taille de lame
	mm	mm	mm	mm	mm	mm	
SR80-7H6-EN1	7	105	40	63	25	10	P0-EN1-xx
SR80-8H6-EN1	8	115	40	73	25	10	P0-EN1-xx
SR80-9H6-EN1	9	115	40	73	25	10	P1-EN1-xx
SR80-10H6-EN1	10	115	40	74	25	10	P1-EN1-xx
SR80-11H6-EN1	11	133	48	81	25	16	P1-EN1-xx
SR80-12H6-EN1	12	133	48	81	25	16	P1-EN1-xx
SR80-13H6-EN1	13	133	48	81	25	16	P2-EN1-xx
SR80-14H6-EN1	14	133	48	81	25	16	P2-EN1-xx
SR80-15H6-EN1	15	133	48	82	25	16	P2-EN1-xx
SR80-16H6-EN1	16	133	48	82	25	16	P2-EN1-xx
SR80-17H6-EN1	17	155	50	100	25	20	P2-EN1-xx
SR80-18H6-EN1	18	155	50	100	25	20	P2-EN1-xx
SR80-19H6-EN1	19	155	50	100	25	20	P2-EN1-xx
SR80-20H6-EN1	20	155	50	100	30	20	P4-EN1-xx
SR80-21H6-EN1	21	191	56	128	30	25	P4-EN1-xx
SR80-22H6-EN1	22	191	56	129	30	25	P4-EN1-xx
SR80-23H6-EN1	23	191	56	129	30	25	P4-EN1-xx
SR80-24H6-EN1	24	191	56	129	30	25	P4-EN1-xx
SR80-25H6-EN1	25	191	56	129	30	25	P4-EN1-xx
SR80-26H6-EN1	26	191	56	129	30	25	P4-EN1-xx

Pièces détachées, pièces incluses lors de la livraison

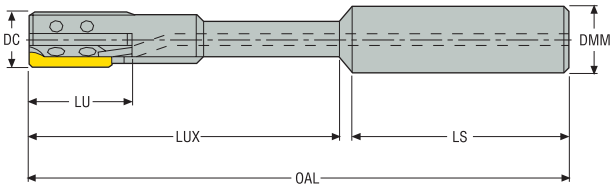
Pour ∅ (mm)	Vis de réglage	Bride	Vis de serrage	Clé de réglage	Bille d'appui	Clé de serrage	Couple de serrage
							
7-8	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5	–	–
9	SH2025	SR-B1	LH2540	1.3SMS795	BB2.0	H00-1305	0,5 Nm
10-12	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0	H00-1305	0,5 Nm
13-19	SH2540	SR-B3	LH3050	1.5SMS795	BB2.5	H00-1509	0,9 Nm
20-60	SH3060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020	2,0 Nm

Clé à couple avec embout

Pour les trous débouchants ∅ 27H6–60H6

Type d'attachement R1, cylindrique sans plat, SR80





—Informations sur les lames page(s) 401, 402
—Arrosage interne
—Paramètres de coupe, voir page(s) 403–411

Désignation	DC	OAL	LS	LUX	LU	DMM	Taille de lame
	mm	mm	mm	mm	mm	mm	
SR80-27H6-EN1	27	221	56	159	30	25	P4-EN1-xx
SR80-28H6-EN1	28	221	56	159	30	25	P4-EN1-xx
SR80-29H6-EN1	29	221	56	159	30	25	P4-EN1-xx
SR80-30H6-EN1	30	221	56	159	30	25	P4-EN1-xx
SR80-31H6-EN1	31	221	56	160	30	25	P4-EN1-xx
SR80-32H6-EN1	32	221	56	160	30	25	P4-EN1-xx
SR80-34H6-EN1	34	226	56	165	30	25	P4-EN1-xx
SR80-35H6-EN1	35	226	56	165	30	25	P4-EN1-xx
SR80-36H6-EN1	36	226	56	166	30	25	P4-EN1-xx
SR80-38H6-EN1	38	226	56	166	30	25	P4-EN1-xx
SR80-40H6-EN1	40	226	56	166	30	25	P4-EN1-xx
SR80-42H6-EN1	42	226	56	167	30	25	P4-EN1-xx
SR80-44H6-EN1	44	226	56	167	30	25	P4-EN1-xx
SR80-48H6-EN1	48	226	56	168	30	25	P4-EN1-xx
SR80-50H6-EN1	50	226	56	168	30	25	P4-EN1-xx
SR80-52H6-EN1	52	226	56	169	30	25	P4-EN1-xx
SR80-54H6-EN1	54	226	56	169	30	25	P4-EN1-xx
SR80-58H6-EN1	58	226	56	169	30	25	P4-EN1-xx
SR80-60H6-EN1	60	226	56	169	30	25	P4-EN1-xx

Pièces détachées, pièces incluses lors de la livraison

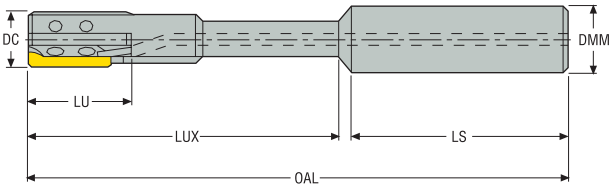
Pour ∅ (mm)	Vis de réglage	Bride	Vis de serrage	Clé de réglage	Bille d'appui	Clé de serrage	Couple de serrage
							
20-60	4060	SR-B5	LH4010	2SMS795	BB3.0	–	2,0 Nm

Clé à couple avec embout

Pour les trous débouchants – Diamètres intermédiaires

Type d'attachement R1, cylindrique sans plat, SR80





—Informations sur les lames page(s) 401, 402
—Important ! L'alésoir et la lame doivent avoir la même entrée.
—Pour le choix des géométries d'entrée EN1, EN2 ou EN3 voir page(s) 392
—Paramètres de coupe, voir page(s) 403–411

Références	DC	OAL	LS	LUX	LU	DMM	Taille de lame
	mm	mm	mm	mm	mm	mm	
SR80-6.875-XX-XXXX-EN	6,875 - 7,874	105,0	40,0	63,0	15,0	10,0	P0-EN-xx
SR80-7.875-XX-XXXX-EN	7,875 - 8,749	115,0	40,0	73,0	25,0	10,0	P0-EN-xx
SR80-8.750-XX-XXXX-EN	8,75 - 9,749	115,0	40,0	73,0	25,0	10,0	P1-EN-xx
SR80-9.750-XX-XXXX-EN	9,75 - 10,749	115,0	40,0	73,0	25,0	10,0	P1-EN-xx
SR80-10.750-XX-XXXX-EN	10,75 - 12,749	133,0	48,0	81,0	25,0	16,0	P1-EN-xx
SR80-12.750-XX-XXXX-EN	12,75 - 16,749	133,0	48,0	81,0	25,0	16,0	P2-EN-xx
SR80-16.750-XX-XXXX-EN	16,75 - 19,499	155,0	50,0	100,0	25,0	20,0	P2-EN-xx
SR80-19.500-XX-XXXX-EN	19,5 - 20,499	155,0	50,0	100,0	30,0	20,0	P4-EN-xx
SR80-20.500-XX-XXXX-EN	20,5 - 26,499	191,0	56,0	129,0	30,0	25,0	P4-EN-xx
SR80-26.500-XX-XXXX-EN	26,5 - 32,499	221,0	56,0	160,0	30,0	25,0	P4-EN-xx
SR80-32.500-XX-XXXX-EN	32,5 - 38,499	226,0	56,0	165,0	30,0	25,0	P4-EN-xx
SR80-38.500-XX-XXXX-EN	38,5 - 40,499	226,0	56,0	166,0	30,0	25,0	P4-EN-xx
SR80-40.500-XX-XXXX-EN	40,5 - 44,499	226,0	56,0	167,0	30,0	25,0	P4-EN-xx
SR80-44.500-XX-XXXX-EN	44,5 - 50,499	226,0	56,0	168,0	30,0	25,0	P4-EN-xx
SR80-50.500-XX-XXXX-EN	50,5 - 60,5	226,0	56,0	169,0	30,0	25,0	P4-EN-xx

Pièces détachées, pièces incluses lors de la livraison

Accessoires

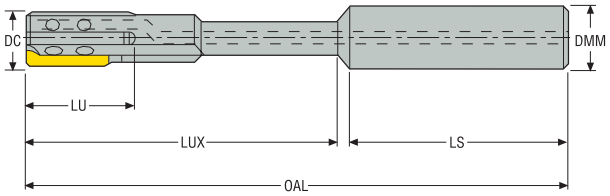
Pour ∅ (mm)	Vis de réglage	Bride	Vis de serrage	Clé	Bille d'appui	Clé dynamo-métrique
						
6,875-8,749	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5	–
8,750-9,749	SH2525	SR-B1	LH2540	1.3SMS795	BB2.0	H00-1305
9,750-12,749	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0	H00-1305
12,750-19,499	SH3040	SR-B3	LH3050	1.5SMS795	BB2.0	H00-1509
19,500-60,500	SH4060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020

Clé à couple avec embout
Remarque : Lors de la commande de alésoirs pour diamètre intermédiaire, veuillez indiquer : le ∅ ainsi que la tolérance de l'alésage à réaliser, géométrie d'entrée (EN1, EN2 ou EN3)
Exemple de commande : SR80-11.50 H7-EN2, P1-EN2-06, CP20.

Pour trous borgnes ∅ 8H6-26H6

Type d'attachement R1, cylindrique sans plat, SR81





—Informations sur les lames page(s) 401, 402
—Arrosage interne
—Paramètres de coupe, voir page(s) 403-411

Désignation	DC	OAL	LS	LUX	LU	DMM	Taille de lame
	mm	mm	mm	mm	mm	mm	
SR81-8H6-EN1	8	115	40	73	25	10	P0-EN1-xx
SR81-9H6-EN1	9	115	40	73	25	10	P1-EN1-xx
SR81-11H6-EN1	11	133	48	81	25	16	P1-EN1-xx
SR81-13H6-EN1	13	133	48	81	25	16	P2-EN1-xx
SR81-14H6-EN1	14	133	48	81	25	16	P2-EN1-xx
SR81-15H6-EN1	15	133	48	82	25	16	P2-EN1-xx
SR81-16H6-EN1	16	133	48	82	25	16	P2-EN1-xx
SR81-17H6-EN1	17	155	50	100	25	20	P2-EN1-xx
SR81-18H6-EN1	18	155	50	100	25	20	P2-EN1-xx
SR81-19H6-EN1	19	155	50	100	25	20	P2-EN1-xx
SR81-20H6-EN1	20	155	50	100	30	20	P4-EN1-xx
SR81-21H6-EN1	21	191	56	128	30	25	P4-EN1-xx
SR81-22H6-EN1	22	191	56	129	30	25	P4-EN1-xx
SR81-23H6-EN1	23	191	56	129	30	25	P4-EN1-xx
SR81-25H6-EN1	25	191	56	129	30	25	P4-EN1-xx
SR81-26H6-EN1	26	191	56	129	30	25	P4-EN1-xx

Pièces détachées, pièces incluses lors de la livraison

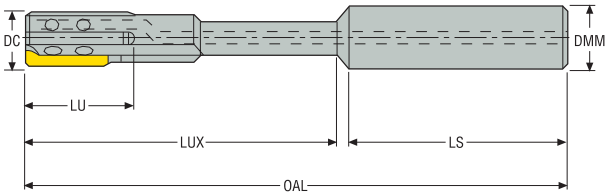
Pour ∅ (mm)	Vis de réglage	Bride	Vis de serrage	Clé de réglage	Bille d'appui	Clé de serrage	Couple de serrage
							
8	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5	–	–
9	SH2525	SR-B1	LH2540	1.3SMS795	BB2.0	H00-1305	0,5 Nm
10-12	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0	H00-1305	0,5 Nm
13-19	SH3040	SR-B3	LH3050	1.5SMS795	BB2.5	H00-1509	0,9 Nm
20-60	SH4060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020	2,0 Nm

Clé à couple avec embout

Pour trous borgnes ∅ 27H6–60H6

Type d'attachement R1, cylindrique sans plat, SR81





—Informations sur les lames page(s) 401, 402
—Arrosage interne
—Paramètres de coupe, voir page(s) 403–411

Désignation	DC	OAL	LS	LUX	LU	DMM	Taille de lame
	mm	mm	mm	mm	mm	mm	
SR81-27H6-EN1	27	221	56	159	30	25	P4-EN1-xx
SR81-28H6-EN1	28	221	56	159	30	25	P4-EN1-xx
SR81-29H6-EN1	29	221	56	159	30	25	P4-EN1-xx
SR81-30H6-EN1	30	221	56	159	30	25	P4-EN1-xx
SR81-31H6-EN1	31	221	56	160	30	25	P4-EN1-xx
SR81-32H6-EN1	32	221	56	160	30	25	P4-EN1-xx
SR81-34H6-EN1	34	226	56	165	30	25	P4-EN1-xx
SR81-35H6-EN1	35	226	56	165	30	25	P4-EN1-xx
SR81-36H6-EN1	36	226	56	166	30	25	P4-EN1-xx
SR81-38H6-EN1	38	226	56	166	30	25	P4-EN1-xx
SR81-40H6-EN1	40	226	56	166	30	25	P4-EN1-xx
SR81-42H6-EN1	42	226	56	167	30	25	P4-EN1-xx
SR81-44H6-EN1	44	226	56	167	30	25	P4-EN1-xx
SR81-48H6-EN1	48	226	56	168	30	25	P4-EN1-xx
SR81-50H6-EN1	50	226	56	168	30	25	P4-EN1-xx
SR81-52H6-EN1	52	226	56	169	30	25	P4-EN1-xx
SR81-54H6-EN1	54	226	56	169	30	25	P4-EN1-xx
SR81-58H6-EN1	58	226	56	169	30	25	P4-EN1-xx
SR81-60H6-EN1	60	226	56	169	30	25	P4-EN1-xx

Pièces détachées, pièces incluses lors de la livraison

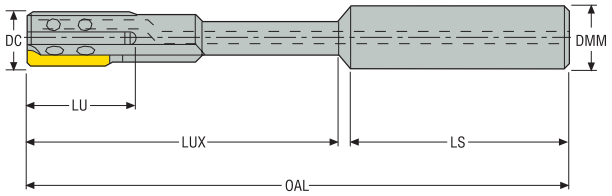
Pour ∅ (mm)	Vis de réglage	Bride	Vis de serrage	Clé de réglage	Bille d'appui	Clé de serrage	Couple de serrage
							
20-60	SH4060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020	2,0 Nm

Clé à couple avec embout

Pour trous borgnes – Diamètres intermédiaires

Type d'attachement R1, cylindrique sans plat, SR81





—Informations sur les lames page(s) 401, 402
—Important ! L'alésoir et la lame doivent avoir la même entrée.
—Pour le choix des géométries d'entrée EN1, EN2 ou EN3 voir page(s) 392
—Paramètres de coupe, voir page(s) 403-411

Références	DC	OAL	LS	LUX	LU	DMM	Taille de lame
	mm	mm	mm	mm	mm	mm	
SR81-7.875-XX-XXXX-EN	7,875 - 8,749	115,0	40,0	73,0	25,0	10,0	P0-EN-xx
SR81-8.750-XX-XXXX-EN	8,75 - 9,749	115,0	40,0	73,0	25,0	10,0	P1-EN-xx
SR81-9.750-XX-XXXX-EN	9,75 - 10,749	115,0	40,0	73,0	25,0	10,0	P1-EN-xx
SR81-10.750-XX-XXXX-EN	10,75 - 12,749	133,0	48,0	81,0	25,0	16,0	P1-EN-xx
SR81-12.750-XX-XXXX-EN	12,75 - 16,749	133,0	48,0	81,0	25,0	16,0	P2-EN-xx
SR81-16.750-XX-XXXX-EN	16,75 - 19,499	155,0	50,0	100,0	25,0	20,0	P2-EN-xx
SR81-19.500-XX-XXXX-EN	19,5 - 20,499	155,0	50,0	100,0	30,0	20,0	P4-EN-xx
SR81-20.500-XX-XXXX-EN	20,5 - 26,499	191,0	56,0	129,0	30,0	25,0	P4-EN-xx
SR81-26.500-XX-XXXX-EN	26,5 - 32,499	221,0	56,0	160,0	30,0	25,0	P4-EN-xx
SR81-32.500-XX-XXXX-EN	32,5 - 38,499	226,0	56,0	165,0	30,0	25,0	P4-EN-xx
SR81-38.500-XX-XXXX-EN	38,5 - 40,499	226,0	56,0	166,0	30,0	25,0	P4-EN-xx
SR81-40.500-XX-XXXX-EN	40,5 - 44,499	226,0	56,0	167,0	30,0	25,0	P4-EN-xx
SR81-44.500-XX-XXXX-EN	44,5 - 50,499	226,0	56,0	168,0	30,0	25,0	P4-EN-xx
SR81-50.500-XX-XXXX-EN	50,5 - 60,5	226,0	56,0	169,0	30,0	25,0	P4-EN-xx

Pièces détachées, pièces incluses lors de la livraison

Accessoires

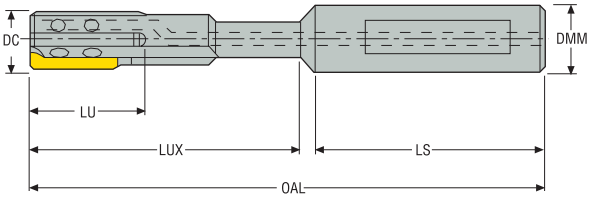
Pour ∅ (mm)	Vis de réglage	Bride	Vis de serrage	Clé	Bille d'appui	Clé dynamo-métrique
						
7,875-8,749	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5	–
8,75-9,749	SH2525	SR-B1	LH2540	1.3SMS795	BB2.0	H00-1305
9,75-12,749	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0	H00-1305
12,75-19,499	SH3040	SR-B3	LH3050	1.5SMS795	BB2.5	H00-1509
19,5-60,5	SH4060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020

Clé à couple avec embout
Remarque : Lors de la commande de alésoirs pour diamètre intermédiaire, veuillez indiquer : le ∅ ainsi que la tolérance de l'alésage à réaliser, géométrie d'entrée (EN1, EN2 ou EN3)
Exemple de commande : SR81-11.50 H7-EN2, P1-EN2-06, CP20.

Pour trous borgnes – Série courte pour applications de tournage

Type d'attachement R9, cylindrique avec plat, SR82





—Informations sur les lames page(s) 401, 402
—Important ! L'alésoir et la lame doivent avoir la même entrée.
—Pour le choix des géométries d'entrée EN1, EN2 ou EN3 voir page(s) 392
—Paramètres de coupe, voir page(s) 403–411

Références	DC	OAL	LS	LUX	LU	DMM	Taille de lame
	mm	mm	mm	mm	mm	mm	
SR82-7.875-XX-XXXX-EN	7,875 - 8,749	95,0	40,0	53,0	25,0	10,0	P0-EN-xx
SR82-8.750-XX-XXXX-EN	8,75 - 9,749	95,0	40,0	53,0	25,0	10,0	P1-EN-xx
SR82-9.750-XX-XXXX-EN	9,75 - 10,749	95,0	40,0	53,0	25,0	10,0	P1-EN-xx
SR82-10.750-XX-XXXX-EN	10,75 - 12,749	113,0	40,0	61,0	25,0	16,0	P1-EN-xx
SR82-12.750-XX-XXXX-EN	12,75 - 16,749	113,0	48,0	61,0	25,0	16,0	P2-EN-xx
SR82-16.750-XX-XXXX-EN	16,75 - 19,499	113,0	48,0	60,0	25,0	20,0	P2-EN-xx
SR82-19.500-XX-XXXX-EN	19,5 - 20,499	115,0	50,0	60,0	30,0	20,0	P4-EN-xx
SR82-20.500-XX-XXXX-EN	20,5 - 32,499	115,0	50,0	89,0	30,0	25,0	P4-EN-xx
SR82-32.500-XX-XXXX-EN	32,5 - 36,499	151,0	56,0	105,0	30,0	25,0	P4-EN-xx
SR82-36.500-XX-XXXX-EN	36,5 - 40,499	166,0	56,0	106,0	30,0	25,0	P4-EN-xx
SR82-40.500-XX-XXXX-EN	40,5 - 44,499	166,0	56,0	107,0	30,0	25,0	P4-EN-xx
SR82-44.500-XX-XXXX-EN	44,5 - 50,499	166,0	56,0	108,0	30,0	25,0	P4-EN-xx
SR82-50.500-XX-XXXX-EN	50,5 - 60,5	166,0	56,0	109,0	30,0	25,0	P4-EN-xx

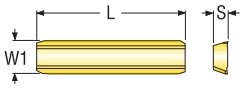
Pièces détachées, pièces incluses lors de la livraison

Accessoires

Pour ∅ (mm)	Vis de réglage	Bride	Vis de serrage	Clé	Bille d'appui	Clé dynamo-métrique
						
7,875-8,749	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5	–
8,75-9,749	SH2525	SR-B1	LH2540	1.3SMS795	BB2.0	H00-1305
9,75-12,749	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0	H00-1305
12,75-19,499	SH3040	SR-B3	LH3050	1.5SMS795	BB2.5	H00-1509
19,5-60,5	SH4060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020

Clé à couple avec embout
Remarque : Lors de la commande de alésoirs pour diamètre intermédiaire, veuillez indiquer : le ∅ ainsi que la tolérance de l'alésage à réaliser, géométrie d'entrée (EN1, EN2 ou EN3)
Exemple de commande : SR82-11.50 H7EN2, P1-EN2-06, CP20.

P0-P4 Lames



Références	Plaquette	L	S	W1	Nuances	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	H15	CP20
P0-EN1-0	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098229	00098244
P0-EN1-06	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00091786	00091762
P0-EN1-12	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00097299	00091971
P0-EN2-0	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098234	00098249
P0-EN2-06	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098160	00098170
P0-EN2-12	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098165	00098175
P0-EN3-0	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098239	00098254
P0-EN3-06	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098185	00098195
P0-EN3-12	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098190	00098200
P1-EN1-0	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098230	00098245
P1-EN1-06	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00091787	00091764
P1-EN1-12	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00097300	00091972
P1-EN2-0	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098235	00098250
P1-EN2-06	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098161	00098171
P1-EN2-12	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098166	00098176
P1-EN3-0	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098240	00098255
P1-EN3-06	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098186	00094702
P1-EN3-12	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098191	00098201
P2-EN1-0	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098231	00098246
P2-EN1-06	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00091788	00091765
P2-EN1-12	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00097301	00091973
P2-EN2-0	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098236	00098251
P2-EN2-06	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098162	00098172
P2-EN2-12	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098167	00098177
P2-EN3-0	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098241	00098256
P2-EN3-06	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098187	00098197
P2-EN3-12	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098192	00098202
P4-EN1-0	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098232	00098247
P4-EN1-06	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00091789	00091766
P4-EN1-12	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098128	00091974

Références	Plaquette	L	S	W1	Nuances	
		mm *Pouces*	mm *Pouces*	mm *Pouces*	H15	CP20
P4-EN2-0	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098237	00098252
P4-EN2-06	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098163	00098173
P4-EN2-12	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098168	00098178
P4-EN3-0	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098242	00098257
P4-EN3-06	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098188	00098198
P4-EN3-12	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098193	00098203

Paramètres de coupe – Pxx-EN1/EN2-00 Métrique

SMG		a_p (∅)		f	v_c	
		Ø < 9	Ø ≥ 9		CP20	CP15
P5	Pxx-EN1/EN2-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	–
P6	Pxx-EN1/EN2-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	–
P7	Pxx-EN1/EN2-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	–
K1	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K2	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	35 (25-50)	50 (25-70)
K3	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K4	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	70 (60-80)	90 (80-100)
K5	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	70 (60-80)	90 (80-100)
K6	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K7	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
PM1	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	–
PM2	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	–
PM3	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	–

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – Pxx-EN1/EN2-00 *pouces*

SMG		a_p (∅)		f	v_c	
		Ø < 9	Ø ≥ 9		CP20	CP15
P5	*Pxx-EN1/EN2-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
P6	*Pxx-EN1/EN2-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
P7	*Pxx-EN1/EN2-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
K1	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K2	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*115 (80-165)*	*165 (80-230)*
K3	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K4	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*230 (195-260)*	*295 (260-330)*
K5	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*230 (195-260)*	*295 (260-330)*
K6	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K7	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
PM1	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–
PM2	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–
PM3	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – Pxx-EN1/EN2-06 Métrique

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P2	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P3	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P4	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P5	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P6	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P7	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P8	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P11	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P12	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	40 (25-45)	45 (30-55)
M1	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M2	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M3	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M4	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	20 (15-30)	30 (25-40)	30 (25-40)
M5	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	20 (15-30)	30 (25-40)	30 (25-40)
K1	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K2	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	35 (25-50)	50 (25-70)
K3	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K4	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	90 (80-100)
K5	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	90 (80-100)
K6	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K7	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
N11	Pxx-EN1/EN2-06	0,10-0,30	0,20-0,50	0,10-0,30	65 (50-150)	90 (70-150)	-
S1	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	-	25 (15-30)	-
S2	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	-	25 (15-30)	-
S3	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	-	25 (15-30)	-
PM1	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM2	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM3	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – Pxx-EN1/EN2-06 *pouces*

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P2	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P3	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P4	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P5	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P6	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P7	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P8	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P11	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P12	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*130 (80-150)*	*150 (100-180)*
M1	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M2	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M3	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M4	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*65 (50-100)*	*100 (80-130)*	*100 (80-130)*
M5	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*65 (50-100)*	*100 (80-130)*	*100 (80-130)*
K1	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	*395 (260-490)*
K2	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*115 (80-165)*	*165 (80-230)*
K3	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	*395 (260-490)*
K4	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	*295 (260-330)*
K5	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	*295 (260-330)*
K6	*Pxx-EN1/EN2-06*	*0.004–0.012*	*0.008–0.020*	*0.004–0.012*	*215 (165-150)*	*295 (230-490)*	–
K7	*Pxx-EN1/EN2-06*	*0.004–0.012*	*0.008–0.020*	*0.004–0.012*	*215 (165-150)*	*295 (230-490)*	–
N11	*Pxx-EN1/EN2-06*	*0.004–0.012*	*0.008–0.020*	*0.004–0.012*	*215 (165-150)*	*295 (230-490)*	–
S1	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
S2	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
S3	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
PM1	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM2	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM3	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c = sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – Pxx-EN1/EN2-12 Métrique

SMG		a_p (∅)		f	v_c		
		– Ø < 9	– Ø ≥ 9		– H15	– CP20	– CP15
P1	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P2	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P3	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P4	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P5	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P6	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P7	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P8	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P11	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P12	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	40 (25-45)	45 (30-55)
M1	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M2	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M3	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M4	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	20 (15-30)	30 (25-40)	30 (25-40)
M5	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	20 (15-30)	30 (25-40)	30 (25-40)
K1	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	90 (80-100)	–
K3	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	90 (80-100)	–
K4	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	70 (60-80)	–
K5	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	70 (60-80)	–
N11	Pxx-EN1/EN2-12	0,10-0,30	0,20-0,50	0,10-0,30	65 (50-150)	90 (70-150)	–
S1	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	–	25 (15-30)	–
S2	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	–	25 (15-30)	–
S3	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	–	25 (15-30)	–
PM1	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	50 (25-70)	–
PM2	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	50 (25-70)	–
PM3	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	50 (25-70)	–

SMG = Groupes matières Seco. a_p = mm. f = mm/Tr. v_c= m/min. Toutes les données sont des valeurs de départ

Paramètres de coupe – Pxx-EN1/EN2-12 *pouces*

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P2	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P3	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P4	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P5	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P6	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P7	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P8	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P11	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P12	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*130 (80-150)*	*150 (100-180)*
M1	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M2	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M3	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M4	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*65 (50-100)*	*100 (80-130)*	*100 (80-130)*
M5	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*65 (50-100)*	*100 (80-130)*	*100 (80-130)*
K1	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	–
K3	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	–
K4	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	–
K5	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	–
N11	*Pxx-EN1/EN2-12*	*0.004–0.012*	*0.008–0.020*	*0.004–0.012*	*215 (165-490)*	*295 (230-490)*	–
S1	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
S2	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
S3	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
PM1	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM2	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM3	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–

SMG = Groupes matières Seco. a_p = *pouces*. f = in/rev. v_c= sf/min. Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – Pxx-EN3-00 Métrique

SMG		a_p (∅)		f	v_c	
		Ø < 9	Ø ≥ 9		CP20	CP15
P5	Pxx-EN3-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	-
P6	Pxx-EN3-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	-
P7	Pxx-EN3-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	-
K1	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K2	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	35 (25-50)	50 (25-70)
K3	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K4	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	70 (60-80)	90 (80-100)
K5	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	70 (60-80)	90 (80-100)
K6	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K7	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
PM1	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	-
PM2	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	-
PM3	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	-

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – Pxx-EN3-00 *pouces*

SMG		a_p (∅)		f	v_c	
		Ø < 9	Ø ≥ 9		CP20	CP15
P5	*Pxx-EN3-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
P6	*Pxx-EN3-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
P7	*Pxx-EN3-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
K1	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K2	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*115 (80-165)*	*165 (80-230)*
K3	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K4	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*230 (195-260)*	*295 (260-330)*
K5	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*230 (195-260)*	*295 (260-330)*
K6	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K7	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
PM1	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–
PM2	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–
PM3	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – Pxx-EN3-06 Métrique

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P2	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P3	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P4	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P5	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P6	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P7	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P8	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P11	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P12	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	40 (25-45)	45 (30-55)
M1	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	35 (25-40)
M2	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	35 (25-40)
M3	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	35 (25-40)
M4	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	30 (25-40)
M5	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	30 (25-40)
K1	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K2	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	35 (25-50)	50 (25-70)
K3	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K4	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	90 (80-100)
K5	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	90 (80-100)
K6	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K7	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
PM1	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM2	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM3	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c = m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – Pxx-E3-06 *pouces*

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P2	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	**395 (295-490)**
P3	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	**395 (295-490)**
P4	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	**260 (195-330)**
P5	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	**260 (195-330)**
P6	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	**260 (195-330)**
P7	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	**260 (195-330)**
P8	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	**195 (130-230)**
P11	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	**195 (130-230)**
P12	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*130 (80-150)*	**150 (100-180)**
M1	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**115 (80-130)**
M2	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**115 (80-130)**
M3	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**115 (80-130)**
M4	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**100 (80-130)**
M5	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**100 (80-130)**
K1	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	**395 (260-490)**
K2	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*115 (80-165)*	**165 (80-230)**
K3	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	**395 (260-490)**
K4	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	**295 (260-330)**
K5	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	**295 (260-330)**
K6	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	**395 (260-490)**
K7	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	**395 (260-490)**
PM1	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	**–**
PM2	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	**–**
PM3	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	**–**

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – Pxx-EN3-12 Métrique

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P2	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P3	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P4	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P5	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P6	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P7	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P8	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P11	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P12	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	40 (25-45)	45 (30-55)
K1	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	-
K3	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	-
K4	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	-
K5	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	-
PM1	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM2	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM3	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-

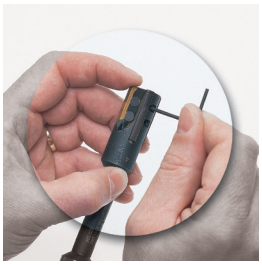
SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – Pxx-EN3-12 *pouces*

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P2	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P3	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P4	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P5	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P6	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P7	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P8	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P11	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P12	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*130 (80-150)*	*150 (100-180)*
K1	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	–
K3	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	–
K4	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	–
K5	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	–
PM1	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM2	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM3	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Instructions de réglage

1. 	Desserrer les 2 vis de réglage (7) de 1/4 de tour.
2. 	Desserrer les 2 vis de bridage (5).
3. 	Changer ou indexer la plaquette (2) après avoir nettoyé son logement.
4. 	Appliquer fermement la plaquette sur la butée axiale et les billes d'appui radial (6).
5. 	Serrer les vis de bridage soigneusement. (Serrer les vis de bridage en tenant la clé par le petit côté.)
6. 	Étalonner le comparateur à zéro sur la partie arrière cylindrique des patins de guidage (3).

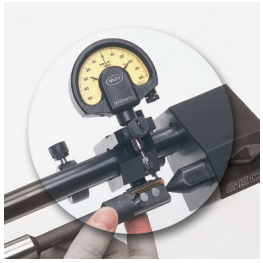
Instructions de réglage

7.



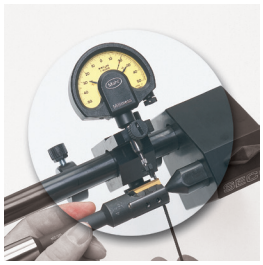
Régler l'arrière de la plaquette pour obtenir une conicité de 0,01 mm/10 mm *(0.0004" tous les 0.394")* (voir figure 2).

8.



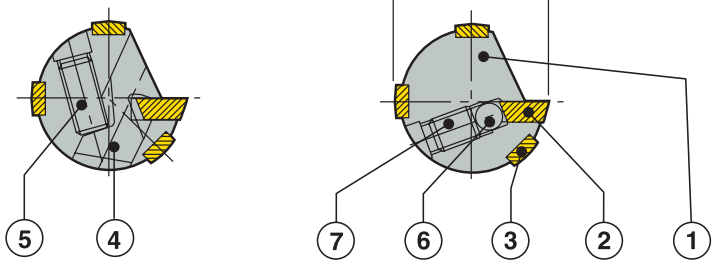
Étalonner le comparateur à zéro sur la partie avant cylindrique du patin (3).

9.



Régler l'avant de la plaquette à 0,02 mm ou 0,015 mm *(0.0008" ou 0.0006")* au dessus du patin (3) comparateur A, voir figure 1.
Vérifier à nouveau la valeur de la dépouille axiale (étapes 6 et 7) Comparateur B.

10.



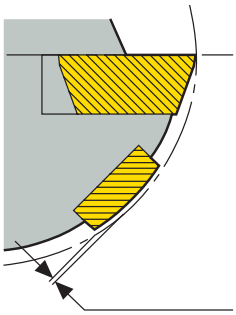


figure 1

0,015 mm (∅ ≤ 10 mm)
0,020 mm (∅ >10 mm)
Valeur au comparateur A pour le réglage du ∅

0,0006" (∅ ≤ 0.394")
0,0008" (∅ > 0.394")
Valeur au comparateur A pour le réglage du ∅

Remarque : Si le diamètre souhaité est dépassé lors du réglage, recommencer depuis le début pour éliminer le jeu de retour sur les vis de réglage.

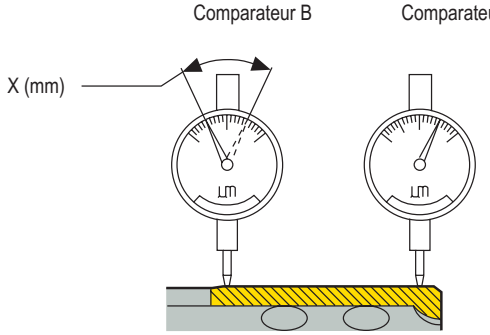


figure 2

- Unité de cadran = 1 µm *(39 µin)*
- Valeurs comparateur avant et arrière valables lors du réglage du zéro sur des patins adjacents
- Valeurs comparateur calculées sur une conicité arrière de la lame de 1 µm/mm *(0.00004")*

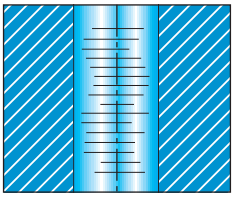
Tableau de réglage

Plage de diamètres mm *(pouces)*	Taille de lame	Comparateur avant A	Comparateur arrière B
6,875-8,749 *(0.271-0.344")*	P0	+15	-5
8,750-10,000 *(0.344-0.394")*	P1	+15	-5
10,001-12,749 *(0.394-0.502")*	P1	+20	0
12,750-19,499 *(0.502-0.768")*	P2	+20	0
19,500-60,500 *(0.768-2.382")*	P4	+20	0

Incidents & remèdes

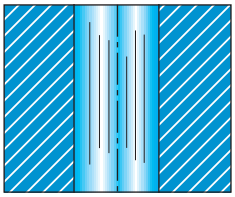
État de surface non satisfaisant

- Vérifier la surépaisseur d'usinage
- Améliorer les conditions d'arrosage (filtration, débit, qualité et concentration)
- Réduire l'avance
- Changer la lame (géométrie d'entrée ou angle de coupe inadapté)
- Vérifier la position axiale de la lame



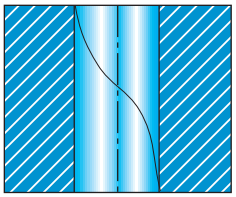
Facettes

- Améliorer l'alignement (alésoir/trou)
- Augmenter la conicité arrière



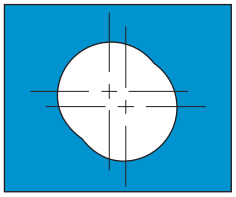
Trace au retour

- Améliorer les conditions d'arrosage (filtration, débit, pression, qualité et concentration)
- Améliorer l'alignement (alésoir/trou)
- Augmenter la conicité arrière



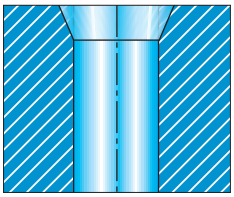
Ovalisation

- Améliorer le bridage pièce (déformation de la pièce par le bridage)
- Vérifier la surépaisseur d'usinage
- Améliorer l'alignement (alésoir/trou).
- Vérifier la position axiale de la lame



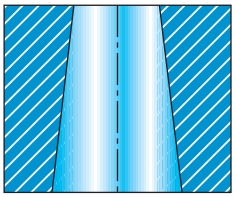
Entrée conique

- Réduire l'avance
- Améliorer l'alignement (alésoir/trou)
- Vérifier la conicité arrière
- Réduire le faux-rond radial



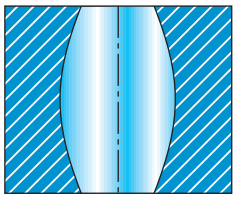
Alésage conique

- Améliorer l'alignement (alésoir/trou)
- Augmenter la conicité arrière



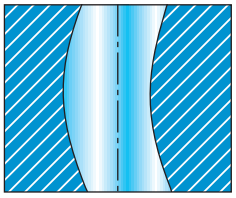
Alésage déformé

- Améliorer le bridage pièce (déformation de la pièce par le bridage)



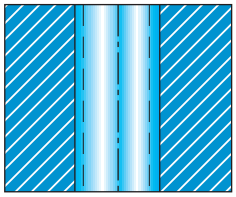
Alésage incurvé

- Changer la lame (entrée de lame inadaptée)
- Vérifier la position axiale de la lame



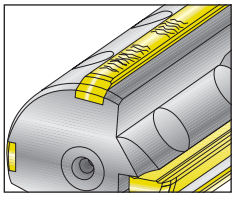
Alésage trop grand

- Améliorer l'alignement (alésoir/trou)
- Régler le diamètre (diamètre trop grand).



Collage sur les patins

- Améliorer les conditions d'arrosage (filtration, débit, qualité et concentration)
- Régler le diamètre (Ø trop petit)





Xfix™

Les alésoirs multi-dents à grand diamètre Xfix™ ont pour vocation d'optimiser les performances et la précision des opérations de production de trous.

- Profondeurs de coupe de 6.5xD dans une plage de diamètres de 9,5 à 154,5 mm (2.03 à 6.083')
- Réglage rapide et facile, une seule vis par dent est nécessaire pour régler le diamètre
- Système de réglage précis pour obtenir des tolérances serrées entre 16 et 25 µm (entre 0.0006 et 0.0010")
- Plaquettes dotées de quatre ou huit arêtes numérotées

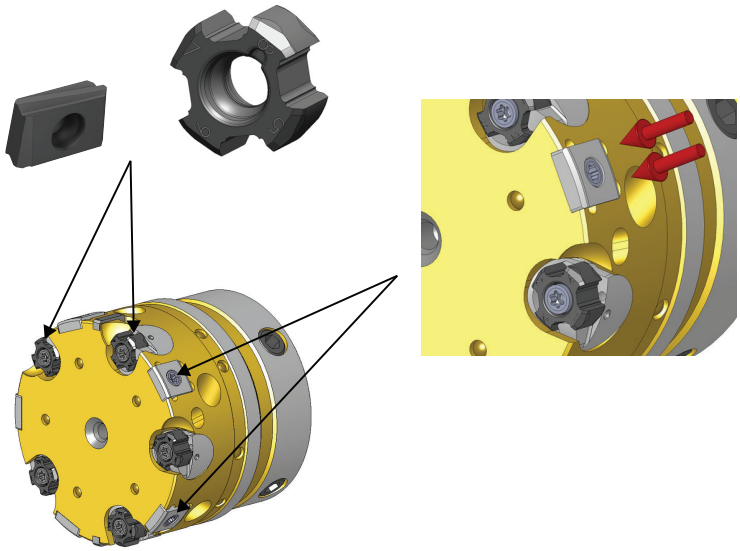
Présentation de la gamme

	∅ gamme	Profondeur d'alésage	Tolérance ∅ trou	Diamètres intermédiaires	État de surface
Xfix™ 	39,500-154,500 mm *(1.5551-6.0827")*	2,5-6,5 x D	IT 6	Conception sur mesure également disponible My Design	R_a 0,8-1,2 µm *(R_a 31-47 µin)*

Xfix™ est une réalisation spécifique du nouveau programme développé par Seco Reaming, dédié aux grands diamètres du ∅ 39,5 – 154,5 mm *(1,555" – 6,083")*.
Les plaquettes sont réglables et indexables permettant d'atteindre des précisions de tolérance IT 6. De plus, un adaptateur de faux-rond réglable et intégré assure la qualité des pièces.
Sa construction multidents et ses patins brevetés précontraints offre une stabilité et une productivité maximum dans les opérations profondes d'alésage

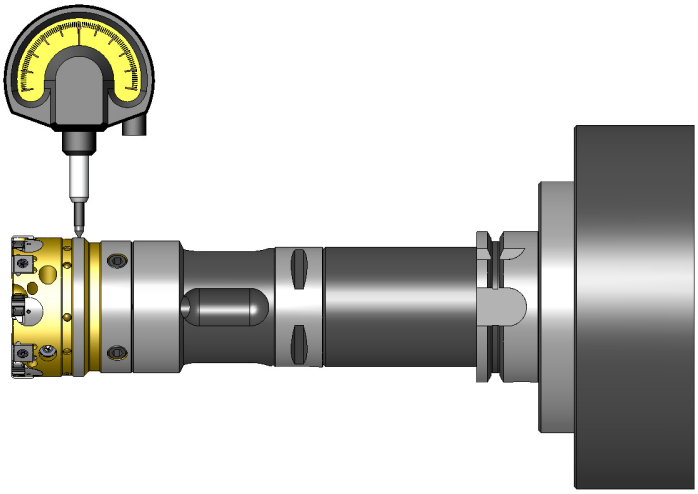
Caractéristiques

- 4 ou 8 arêtes de coupe pour optimiser les opérations dans toutes les matières
- Stabilité du système de serrage
- Réglage facilité par une seule vis pour un assemblage sans difficulté
- Choix des nuance et géométries selon différentes applications

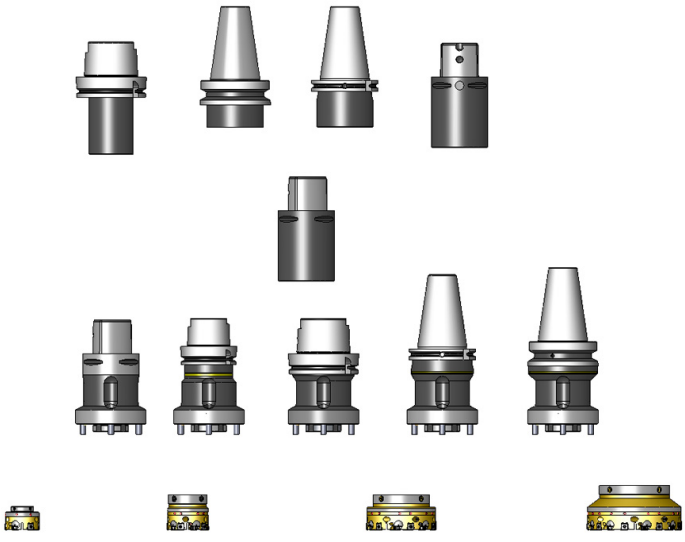


- Système breveté de patins de guidage précontraints améliore la stabilité
- Lubrification des patins pour plus de performance et de sécurité

- Adaptateur réglable intégré pour un contrôle parfait du faux-rond



- Les attachements et rallonges disponibles dans le catalogue « Systèmes d'attachements » Seco offrent un maximum de modularité



Codification des références :

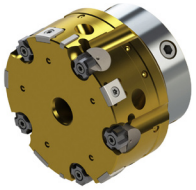
Adaptateurs

Type de tête	Longueurs	Type d'attachement
HF55	088	C5



Têtes standard

Type de tête	Diamètre et tolérance	Nombre de dents	Collerette taille D
HF85	60H6	05	55



Têtes intermédiaires

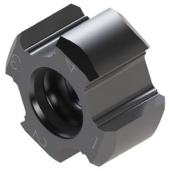
Type de tête	Diamètre et tolérance	Nombre de dents	Collerette taille D
HF85	65.2G7	05	55

Information type de tête :

- HF85, trou débouchant, matières à copeaux courts
- HF85B, trou borgne, matières à copeaux courts
- HF86, trou débouchant, toutes matières
- HF86B, trou borgne, toutes matières

Plaquettes

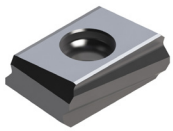
Taille de plaquette	Géométrie d'entrée	Angle de coupe	Nuance
RNAX1005	EB45	03	RX2000



Plaquette RNAX pour têtes Xfix HF85 et HF 85B

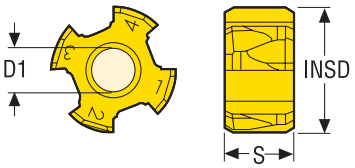
Plaquettes

Taille de plaquette	Géométrie d'entrée	Angle de coupe	Nuance
LNEG	EB45	06	RX2000



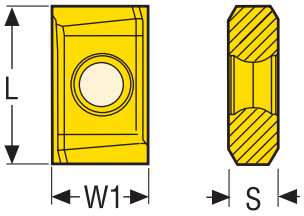
Plaquettes LNEG pour têtes Xfix HF86 et HF86B

RNAX



Références	Plaquettes	INSD	S	D1	Nuances		Angle de coupe
		mm *Pouces*	mm *Pouces*	mm *Pouces*	RX1500	RX2000	
RNAX1005-EB1570-03	RNAX	10,0 *0,394*	5,5 *0,217*	3,5 *0,138*	02687601	02687603	3 °
RNAX1005-EB45-03	RNAX	10,0 *0,394*	5,5 *0,217*	3,5 *0,138*	02687600	02688608	3 °
RNAX1005-EB845-03	RNAX	10,0 *0,394*	5,5 *0,217*	3,5 *0,138*	02687593	02688606	3 °

LNEG

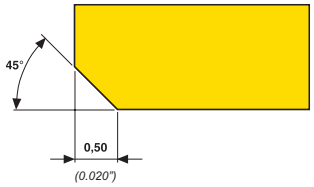


Références	Plaquettes	L	S	W1	Nuances			Angle de coupe
		mm *Pouces*	mm *Pouces*	mm *Pouces*	RX1500	RX2000	CF	
LNEG1003-EB45-03	LNEG	10,0 *0,394*	3,5 *0,138*	6,35 *0,25*		02781311		3 °
LNEG1003-EB45-06	LNEG	10,0 *0,394*	3,5 *0,138*	6,35 *0,25*	02904277	02781313	02904276	6 °
LNEG1003-EB845-03	LNEG	10,0 *0,394*	3,5 *0,138*	6,35 *0,25*		02781314		3 °
LNEG1003-EB845-06	LNEG	10,0 *0,394*	3,5 *0,138*	6,35 *0,25*		02781315		6 °

Géométrie d'entrée

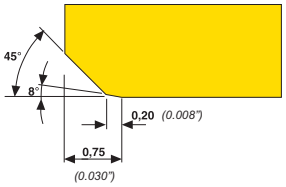
Géométrie d'entrée EB45 – Application

Contrôle des copeaux +++
État de surface + R_a 1,2 - 2 µm
(État de surface + R_a 0.047 - 0.0787 µin)
Choix de base de géométrie



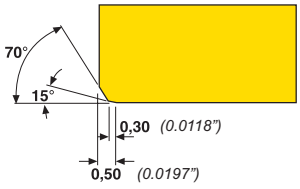
Géométrie d'entrée EB845 – Application

Contrôle des copeaux ++
État de surface +++ R_a 0,4 - 1,2 µm
(État de surface +++ R_a 0.0157 - 0.047 µin)



Géométrie d'entrée EB1570 – Application

Contrôle des copeaux ++
État de surface ++ R_a 0,8 - 1,6 µm
(État de surface ++ R_a 0.031 - 0.0630 µin)
Stabilité pour alésages profonds +++

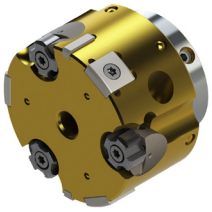


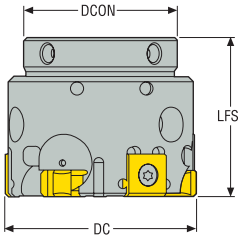
Nuances

	**RX1500**	**Revêtue Cermet** Nuance résistante à l'usure pour l'optimisation des performances d'usinage dans l'acier et les fontes.
	**RX2000**	**Revêtue** Nuances revêtue hautes performances pour toutes les matières.
	**CF**	**Cermet** Nuance résistante à l'usure pour optimisation des performances d'usinage dans l'acier.

HF85

Têtes d'alésage pour trou débouchant à plaquettes RNAX ∅ 39,5-59,499 mm / *1.555-2.342"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF85-39.5/44.499-03-32	39,5 *1.555*	44,499 *1.752*	33,0 *1.299*	32,0 *1.260*	0,41 *0.900*	3	RNAX1005...
HF85-44.5/49.499-03-32	44,5 *1.752*	49,499 *1.949*	33,0 *1.299*	32,0 *1.260*	0,51 *1.120*	3	RNAX1005...
HF85-49.5/54.499-03-32	49,5 *1.949*	54,499 *2.146*	33,0 *1.299*	32,0 *1.260*	0,62 *1.370*	3	RNAX1005...
HF85-54.5/59.499-03-32	54,5 *2.146*	59,499 *2.342*	33,0 *1.299*	32,0 *1.260*	0,74 *1.630*	3	RNAX1005...

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF85 03-32	SH4075S	CARTCYHF16	LDH4010	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessoires

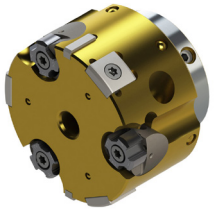
Pour tête	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF85 03-32	H00-2020	T00-09P20

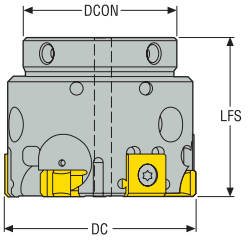
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-09P20 pour vis de plaquettes

Couple de serrage T00-09P20: 2 Nm.
Couple de serrage H00-2020: 2 Nm.

HF85B

Têtes d'alésage pour trou borgne à plaquettes RNAX ∅ 39,5-59,499 mm / *1.555-2.342"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF85B-39.5/44.499-03-32	39,5 *1.555*	44,499 *1.752*	33,0 *1.299*	32,0 *1.260*	0,41 *0.900*	3	RNAX1005...
HF85B-44.5/49.499-03-32	44,5 *1.752*	49,499 *1.949*	33,0 *1.299*	32,0 *1.260*	0,51 *1.120*	3	RNAX1005...
HF85B-49.5/54.499-03-32	49,5 *1.949*	54,499 *2.146*	33,0 *1.299*	32,0 *1.260*	0,62 *1.370*	3	RNAX1005...
HF85B-54.5/59.499-03-32	54,5 *2.146*	59,499 *2.342*	33,0 *1.299*	32,0 *1.260*	0,74 *1.630*	3	RNAX1005...

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF85B 03-32	SH4075S	CARTCYHF16B	LDH4010	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessoires

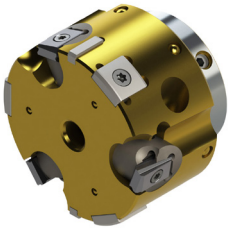
Pour tête	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF85B 03-32	H00-2020	T00-09P20

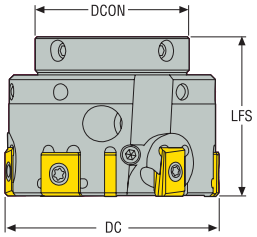
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-09P20 pour vis de plaquettes

Couple de serrage T00-09P20: 2 Nm.
Couple de serrage H00-2020: 2 Nm.

HF86

Têtes d'alésage pour trou débouchant à plaquettes LNEG ∅ 39,5-59,499 mm / *1.555-2.342"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF86-39.5/44.499-03-32	39,5 *1.555*	44,499 *1.752*	33,0 *1.299*	32,0 *1.260*	0,41 *0.900*	3	LNEG1003...
HF86-44.5/49.499-03-32	44,5 *1.752*	49,499 *1.949*	33,0 *1.299*	32,0 *1.260*	0,51 *1.120*	3	LNEG1003...
HF86-49.5/54.499-03-32	49,5 *1.949*	54,499 *2.146*	33,0 *1.299*	32,0 *1.260*	0,62 *1.370*	3	LNEG1003...
HF86-54.5/59.499-03-32	54,5 *2.146*	59,499 *2.342*	33,0 *1.299*	32,0 *1.260*	0,74 *1.630*	3	LNEG1003...

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF86 03-32	SH4075S	CARTCYLN16	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessoires

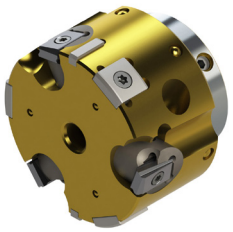
Pour tête	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF86 03-32	H00-2020	T00-07P09

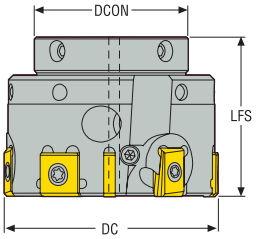
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-07P09 pour vis de plaquettes

Couple de serrage T00-07P09: 0,9 Nm.
Couple de serrage H00-2020: 2 Nm.

HF86B

Têtes d'alésage pour trou borgne à plaquettes LNEG ∅ 39,5-59,499 mm / *1.555-2.342"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF86B-39.5/44.499-03-32	39,5 *1.555*	44,499 *1.752*	33,0 *1.299*	32,0 *1.260*	0,41 *0.900*	3	LNEG1003...
HF86B-44.5/49.499-03-32	44,5 *1.752*	49,499 *1.949*	33,0 *1.299*	32,0 *1.260*	0,51 *1.120*	3	LNEG1003...
HF86B-49.5/54.499-03-32	49,5 *1.949*	54,499 *2.146*	33,0 *1.299*	32,0 *1.260*	0,62 *1.370*	3	LNEG1003...
HF86B-54.5/59.499-03-32	54,5 *2.146*	59,499 *2.342*	33,0 *1.299*	32,0 *1.260*	0,74 *1.630*	3	LNEG1003...

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF86B 03-32	SH4075S	CARTCYLN16B	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessoires

Pour tête	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF86B 03-32	H00-2020	T00-07P09

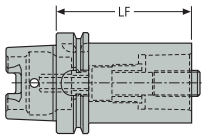
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-07P09 pour vis de plaquettes

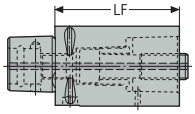
Couple de serrage T00-07P09: 0,9 Nm.
Couple de serrage H00-2020: 2 Nm.

HF32

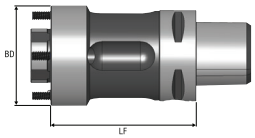
Attachement Seco-Capto™ pour ∅ 39,5-59,499 mm



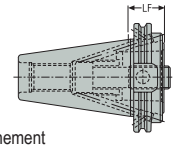




Extension



Alésoir



Attachement

Références Alésoir	Numéro de produit	LF min	LF max	Cône	BD	Poids
		mm	mm	mm	mm	kg
HF32-050-C3	02688610	–	50	C3	32	0,3
HF32...HSKA63	–	65	245	HSK-A63	32	0,0
HF32...HSKA80	–	100	209	HSK-A80	32	0,0
HF32...HSKA100	–	70	245	HSK-A100	32	0,0
HF32...DIN40ADB	–	60	252	DIN40ADB	32	0,0
HF32...DIN50ADB	–	60	317	DIN50ADB	32	0,0
HF32...BT40ADB	–	65	252	BT40ADB	32	0,0
HF32...BT50ADB	–	75	317	BT50ADB	32	0,0

Attachements et extensions pour HF32-050-C3 (voir catalogue Systèmes d'attachements pour plus de détails).

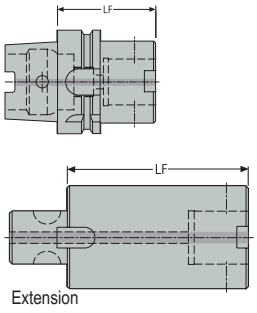
Références Attachement	Numéro de produit	LF	Cône	Seco-Capto taille	Poids
		mm			kg
HA10-C3-032-080	10197961	80	HSK-A100	C3	2,5
HA06-C4-040-080	10197964	80	HSK-A63	C4	1,1
C3-390B.140-40030	02924104	30	DIN40	C3	0,8
C3-390B.55-40030	02925959	30	BT40	C3	1,0
C3-390B.55-40060	02925960	60	BT40	C3	1,1
C3-390B.140-50030	02924106	30	DIN50	C3	2,6
C3-390B.140-50060	02924107	60	DIN50	C3	2,7
C3-390B.58-50040	02925961	40	BT50	C3	3,5
C3-390B.58-50070	02925962	70	BT50	C3	3,7

Références Extension	Numéro de produit	LF	Cône	Seco-Capto taille	Poids
		mm			kg
C3-391.01-32060A	75039884	–	C3	C3	0,4
C3-391.01-32080A	00090847	–	C3	C3	0,5
C4-391.02-32055A	75039889	–	C4	C3	0,42
C4-391.02-32070A	02535687	–	C4	C3	0,56
C5-391.02-32060A	75039890	–	C5	C3	0,7
C6-391.02-32070A	75039892	–	C6	C3	1,1

HF32

Attachement Graflex® pour ∅ 39,5-59,499 mm





Références Alésoir	Numéro de produit	LF min	LF max	Cône	BD	Poids
		mm	mm	mm	mm	kg
HF32-050-G3	02698870	–	50	G3	32	0,4
HF32...HSKA63	–	65	245	HSK-A63	32	0,0
HF32...HSKA80	–	100	209	HSK-A80	32	0,0
HF32...HSKA100	–	70	245	HSK-A100	32	0,0
HF32...DIN40ADB	–	60	252	DIN40ADB	32	0,0
HF32...DIN50ADB	–	60	317	DIN50ADB	32	0,0
HF32...BT40ADB	–	65	252	BT40ADB	32	0,0
HF32...BT50ADB	–	75	317	BT50ADB	32	0,0

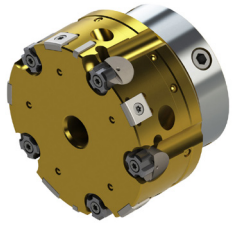
Attachements et extensions pour HF32-050-G3 (voir catalogue Systèmes d'attachements pour plus de détails).

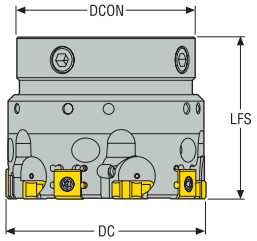
Références Attachement	Numéro de produit	LF	Cône	Taille Graflex	Poids
		mm			kg
EM93044011850	00086918	50	HSK-A63	G3	0,8
EM93064011855	00086925	55	HSK-A100	G3	2,2
EM34694011835	02420097	35	DIN40	G3	1,0
EM346940118100	02503298	100	DIN40	G3	1,22
EM34144011840	02503366	40	BT40	G3	1,07
EM341440118100	02503367	100	BT40	G3	1,31
EM34714011835	02503307	35	DIN50	G3	2,67
EM34164011845	02503376	45	BT50	G3	3,6
EM341640118120	02503377	120	BT50	G3	4,0

Références Extension	Numéro de produit	LF	Cône	Taille Graflex	Poids
		mm			kg
M402330	00056758	–	G3	G3	0,3
M402331	75056759	–	G3	G3	0,4

HF85

Têtes d'alésage pour trou débouchant à plaquettes RNAX ∅ 59,5-84,499 mm / *2.343-3.327"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF85-59.5/64.499-05-55	59,5 *2.343*	64,499 *2.539*	50,0 *1.969*	55,0 *2.165*	1,3 *2.870*	5	RNAX1005...
HF85-64.5/69.499-05-55	64,5 *2.539*	69,499 *2.736*	50,0 *1.969*	55,0 *2.165*	1,5 *3.310*	5	RNAX1005...
HF85-69.5/74.499-05-55	69,5 *2.736*	74,499 *2.933*	50,0 *1.969*	55,0 *2.165*	1,75 *3.860*	5	RNAX1005...
HF85-74.5/79.499-05-55	74,5 *2.933*	79,499 *3.130*	50,0 *1.969*	55,0 *2.165*	2,0 *4.410*	5	RNAX1005...
HF85-79.5/84.499-05-55	79,5 *3.130*	84,499 *3.327*	50,0 *1.969*	55,0 *2.165*	2,2 *4.850*	5	RNAX1005...

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF85 05-55	SH4075S	CARTCYHF20	LDH4012	C03010-T09P	H2.0-2D	4SMS795	B6027

Accessoires

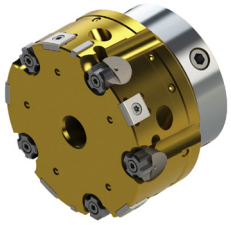
Pour tête	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF85 05-55	H00-2020	T00-09P20

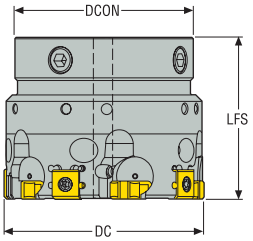
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-09P20 pour vis de plaquettes

Couple de serrage T00-09P20: 2 Nm.
Couple de serrage H00-2020: 2 Nm.

HF85B

Têtes d'alésage pour trou borgne à plaquettes RNAX ∅ 59,5-84,499 mm / *2.343-3.327"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF85B-59.5/64.499-05-55	59,5 *2.343*	64,499 *2.539*	50,0 *1.969*	55,0 *2.165*	1,3 *2.870*	5	RNAX1005...
HF85B-64.5/69.499-05-55	64,5 *2.539*	69,499 *2.736*	50,0 *1.969*	55,0 *2.165*	1,5 *3.310*	5	RNAX1005...
HF85B-69.5/74.499-05-55	69,5 *2.736*	74,499 *2.933*	50,0 *1.969*	55,0 *2.165*	1,75 *3.860*	5	RNAX1005...
HF85B-74.5/79.499-05-55	74,5 *2.933*	79,499 *3.130*	50,0 *1.969*	55,0 *2.165*	2,0 *4.410*	5	RNAX1005...
HF85B-79.5/84.499-05-55	79,5 *3.130*	84,499 *3.327*	50,0 *1.969*	55,0 *2.165*	2,2 *4.850*	5	RNAX1005...

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF85B 05-55	SH4075S	CARTCYHF20B	LDH4012	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessoires

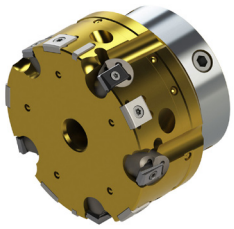
Pour tête	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF85B 05-55	H00-2020	T00-09P20

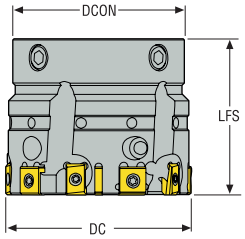
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-09P20 pour vis de plaquettes

Couple de serrage T00-09P20: 2 Nm.
Couple de serrage H00-2020: 2 Nm.

HF86

Têtes d'alésage pour trou débouchant à plaquettes LNEG ∅ 59,5-84,499 mm / *2.343-3.327"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF86-59.5-64.499-05-55	59,5 *2.343*	64,499 *2.539*	50,0 *1.969*	55,0 *2.165*	1,3 *2.870*	5	LNEG1003...
HF86-64.5-69.499-05-55	64,5 *2.539*	69,499 *2.736*	50,0 *1.969*	55,0 *2.165*	1,5 *3.310*	5	LNEG1003...
HF86-69.5-74.499-05-55	69,5 *2.736*	74,499 *2.933*	50,0 *1.969*	55,0 *2.165*	1,75 *3.860*	5	LNEG1003...
HF86-74.5-79.499-05-55	74,5 *2.933*	94,499 *3.720*	50,0 *1.969*	55,0 *2.165*	2,0 *4.410*	5	LNEG1003...
HF86-79.5-84.499-05-55	79,5 *3.130*	84,499 *3.327*	50,0 *1.969*	55,0 *2.165*	2,2 *4.850*	5	LNEG1003...

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF86 05-55	SH4075S	CARTCYLN20	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessoires

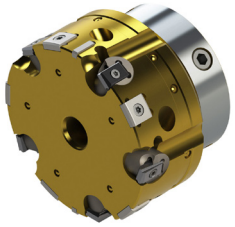
Pour tête	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF86 05-55	H00-2020	T00-07P09

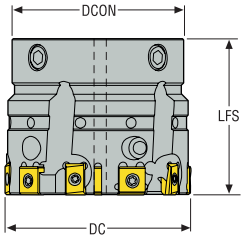
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-07P09 pour vis de plaquettes

Couple de serrage T00-07P09: 0,9 Nm.
Couple de serrage H00-2020: 2 Nm.

HF86B

Têtes d'alésage pour trou borgne à plaquettes LNEG ∅ 59,5-84,499 mm / *2.343-3.327"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF86B-59.5/64.499-05-55	59,5 *2.343*	64,499 *2.539*	50,0 *1.969*	55,0 *2.165*	1,3 *2.870*	5	LNEG1003...
HF86B-64.5/69.499-05-55	64,5 *2.539*	69,499 *2.736*	50,0 *1.969*	55,0 *2.165*	1,5 *3.310*	5	LNEG1003...
HF86B-69.5/74.499-05-55	69,5 *2.736*	74,499 *2.933*	50,0 *1.969*	55,0 *2.165*	1,75 *3.860*	5	LNEG1003...
HF86B-74.5/79.499-05-55	74,5 *2.933*	79,499 *3.130*	50,0 *1.969*	55,0 *2.165*	2,0 *4.410*	5	LNEG1003...
HF86B-79.5/84.499-05-55	79,5 *3.130*	84,499 *3.327*	50,0 *1.969*	55,0 *2.165*	2,2 *4.850*	5	LNEG1003...

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF86B 05-55	SH4075S	CARTCYLN20B	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessoires

Pour tête	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF86B 05-55	H00-2020	T00-07P09

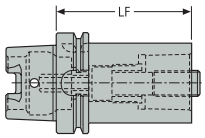
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-07P09 pour vis de plaquettes

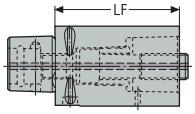
Couple de serrage T00-07P09: 0,9 Nm.
Couple de serrage H00-2020: 2 Nm.

HF55

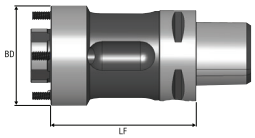
Attachement Seco-Capto™ pour ∅ 59,5-84,499 mm



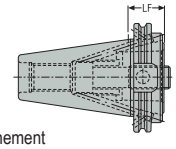




Extension



Alésoir



Attachement

Références Alésoir	Numéro de produit	LF min	LF max	Cône	BD	Poids
		mm	mm	mm	mm	kg
HF55-080-C5	02688647	–	80	C5	55	1,3
HF55...HSKA63	–	80	239	HSK-A63	55	0,0
HF55...HSKA80	–	100	239	HSK-A80	55	0,0
HF55...HSKA100	–	100	239	HSK-A100	55	0,0
HF55...DIN40ADB	–	80	239	DIN40ADB	55	0,0
HF55...DIN50ADB	–	80	304	DIN50ADB	55	0,0
HF55...BT40ADB	–	80	239	BT40ADB	55	0,0
HF55...BT50ADB	–	80	304	BT50ADB	55	0,0

Attachements et extensions pour HF55-080-C5 (voir catalogue Systèmes d'attachements pour plus de détails).

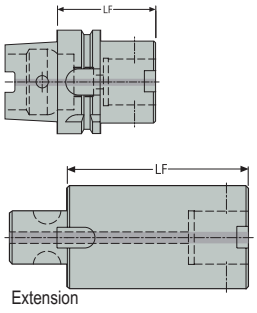
Références Attachement	Numéro de produit	LF	Cône	Seco-Capto taille	Poids
		mm			kg
HA10-C4-040-090	10197963	90	HSK-A100	C4	2,5
HA06-C5-050-090	10197966	90	HSK-A63	C5	1,3
C5-390B.140-40040	02924112	40	DIN40	C5	0,9
C5-390B.140-40080	02924113	80	DIN40	C5	1,5
C5-390B.55-40050	02925967	50	BT40	C5	1,1
C5-390B.55-40090	02925968	90	BT40	C5	1,7
C5-390B.140-50030	02924114	30	DIN50	C5	2,6
C5-390B.140-50070	02924115	70	DIN50	C5	3,1
C5-390B.58-50040	02925969	40	BT50	C5	3,5
C5-390B.58-50080	02925970	80	BT50	C5	4,0

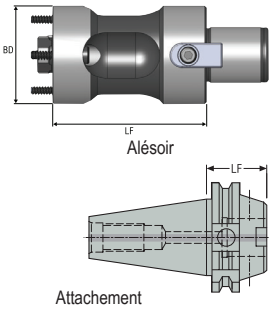
Références Extension	Numéro de produit	LF	Cône	Seco-Capto taille	Poids
		mm			kg
C5-391.01-50080A	75039886	–	C5	C5	1,1
C5-391.01-50100A	00004773	–	C5	C5	1,4
C6-391.02-50080A	75039894	–	C6	C5	1,5
C6-391.02-50110A	02207400	–	C6	C5	2,2
C8-391.02-50080B	03080011	–	C8	C5	2,4

HF55

Attachement Graflex® pour ∅ 59,5–84,499 mm







Références Alésoir	Numéro de produit	LF min	LF max	Cône	BD	Poids
		mm	mm	mm	mm	kg
HF55-080-G5	02698871	–	80	G5	55	1,3
HF55...HSKA63	–	80	239	HSK-A63	55	0,0
HF55...HSKA80	–	100	239	HSK-A80	55	0,0
HF55...HSKA100	–	100	239	HSK-A100	55	0,0
HF55...DIN40ADB	–	80	239	DIN40ADB	55	0,0
HF55...DIN50ADB	–	80	304	DIN50ADB	55	0,0
HF55...BT40ADB	–	80	239	BT40ADB	55	0,0
HF55...BT50ADB	–	80	304	BT50ADB	55	0,0

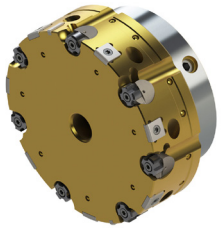
Attachements et extensions pour HF55-080-G5 (voir catalogue Systèmes d'attachements pour plus de détails).

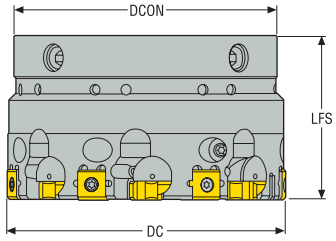
Références Attachement	Numéro de produit	LF	Cône	Taille Graflex	Poids
		mm			kg
EM93044012860	00086920	60	HSK-A63	G5	1,0
EM930440128100	00086921	100	HSK-A63	G5	1,6
EM930440128140	00086922	140	HSK-A63	G5	2,18
EM93064012865	00086927	65	HSK-A100	G5	2,4
EM930640128110	00086928	110	HSK-A100	G5	3,1
EM930640128150	00086929	150	HSK-A100	G5	3,7
EM34694012840	02458421	40	DIN40	G5	1,0
EM34694012880	02503301	80	DIN40	G5	1,5
EM346940128120	02503302	120	DIN40	G5	2,1
EM34144012845	02457989	45	BT40	G5	1,2
EM34144012880	02503371	80	BT40	G5	1,6
EM341440128120	02503372	120	BT40	G5	2,2
EM34714012840	02503312	40	DIN50	G5	2,75
EM341640128100	02503381	100	BT50	G5	4,3
EM34164012855	02503380	55	BT50	G5	4,0
EM341640128140	02503382	140	BT50	G5	4,9

Références Extension	Numéro de produit	LF	Cône	Taille Graflex	Poids
		mm			kg
M402550	00056762	–	G5	G5	0,8
M402551	00056763	–	G5	G5	1,2
M402552	00056764	–	G5	G5	1,5

HF85

Têtes d'alésage pour trou débouchant à plaquettes RNAX ∅ 84,5–119,499 mm / *3.327–4.705"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419–420
—Paramètres de coupe, voir page(s) 445–451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF85-84.5/89.499-07-80	84,5 *3.327*	89,499 *3.524*	50,0 *1.969*	80,0 *3.150*	1,68 *3.700*	7	RNAX1005...
HF85-89.5/94.499-07-80	89,5 *3.524*	94,499 *3.720*	50,0 *1.969*	80,0 *3.150*	1,85 *4.080*	7	RNAX1005...
HF85-94.5/99.499-07-80	94,5 *3.720*	99,499 *3.917*	50,0 *1.969*	80,0 *3.150*	2,02 *4.450*	7	RNAX1005...
HF85-99.5/104.499-07-80	99,5 *3.917*	104,499 *4.114*	50,0 *1.969*	80,0 *3.150*	2,2 *4.850*	7	RNAX1005...
HF85-104.5/109.499-07-80	104,5 *4.114*	109,499 *4.311*	50,0 *1.969*	80,0 *3.150*	2,4 *5.290*	7	RNAX1005...
HF85-109.5/114.499-07-80	109,5 *4.311*	114,499 *4.508*	50,0 *1.969*	80,0 *3.150*	2,61 *5.750*	7	RNAX1005...
HF85-114.5/119.499-07-80	114,5 *4.508*	119,499 *4.705*	50,0 *1.969*	80,0 *3.150*	2,82 *6.220*	7	RNAX1005...

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF85 07-80	SH4075S	CARTCYHF20	LDH4012	C03010-T09P	H2.0-2D	4SMS795	B6027

Accessoires

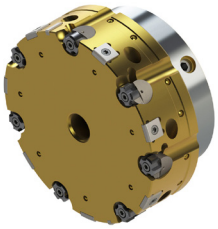
Pour	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF85 07-80	H00-2020	T00-09P20

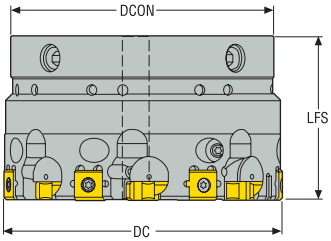
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-09P20 pour vis de plaquettes

Couple de serrage T00-09P20: 2 Nm.
Couple de serrage H00-2020: 2 Nm.

HF85B

Têtes d'alésage pour trou borgne à plaquettes RNAX ∅ 84,5-119,499 mm / *3.327-4.705"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF85B-84.5/89.499-07-80	84,5 *3.327*	89,499 *3.524*	50,0 *1.969*	80,0 *3.150*	1,68 *3.700*	7	RNAX1005...
HF85B-89.5/94.499-07-80	89,5 *3.524*	94,499 *3.720*	50,0 *1.969*	80,0 *3.150*	1,85 *4.080*	7	RNAX1005...
HF85B-94.5/99.499-07-80	94,5 *3.720*	99,499 *3.917*	50,0 *1.969*	80,0 *3.150*	2,02 *4.450*	7	RNAX1005...
HF85B-99.5/104.499-07-80	99,5 *3.917*	104,499 *4.114*	50,0 *1.969*	80,0 *3.150*	2,2 *4.850*	7	RNAX1005...
HF85B-104.5/109.499-07-80	104,5 *4.114*	109,499 *4.311*	50,0 *1.969*	80,0 *3.150*	2,4 *5.290*	7	RNAX1005...
HF85B-109.5/114.499-07-80	109,5 *4.311*	114,499 *4.508*	50,0 *1.969*	80,0 *3.150*	2,61 *5.750*	7	RNAX1005...
HF85B-114.5/119.499-07-80	114,5 *4.508*	119,499 *4.705*	50,0 *1.969*	80,0 *3.150*	2,82 *6.220*	7	RNAX1005...

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF85B 07-80	SH4075S	CARTCYHF20B	LDH4010	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessoires

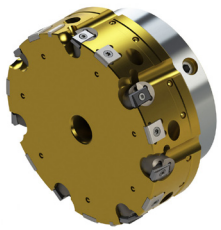
Pour	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF85B 07-80	H00-2020	T00-09P20

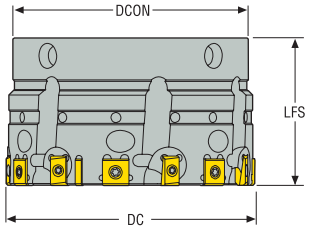
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-09P20 pour vis de plaquettes

Couple de serrage T00-09P20: 2 Nm.
Couple de serrage H00-2020: 2 Nm.

HF86

Têtes d'alésage pour trou débouchant à plaquettes LNEG ∅ 84,5-119,499 mm / *3.327-4.705"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF86-84.5/89.499-07-80	84,5 *3.327*	89,499 *3.524*	50,0 *1.969*	80,0 *3.150*	1,68 *3.700*	7	LNEG1003...
HF86-89.5/94.499-07-80	89,5 *3.524*	94,499 *3.720*	50,0 *1.969*	80,0 *3.150*	1,85 *4.080*	7	LNEG1003...
HF86-94.5/99.499-07-80	94,5 *3.720*	99,499 *3.917*	50,0 *1.969*	80,0 *3.150*	2,02 *4.450*	7	LNEG1003...
HF86-99.5/104.499-07-80	99,5 *3.917*	104,499 *4.114*	50,0 *1.969*	80,0 *3.150*	2,2 *4.850*	7	LNEG1003...
HF86-104.5/109.499-07-80	104,5 *4.114*	109,499 *4.311*	50,0 *1.969*	80,0 *3.150*	2,4 *5.290*	7	LNEG1003...
HF86-109.5/114.499-07-80	109,5 *4.311*	114,499 *4.508*	50,0 *1.969*	80,0 *3.150*	2,61 *5.750*	7	LNEG1003...
HF86-114.5/119.499-07-80	114,5 *4.508*	119,499 *4.705*	50,0 *1.969*	80,0 *3.150*	2,82 *6.220*	7	LNEG1003...

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF86 07-80	SH4075S	CARTCYLN20	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessoires

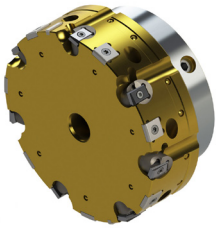
Pour	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF86 07-80	H00-2020	T00-07P09

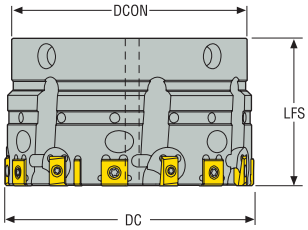
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-07P09 pour vis de plaquettes

Couple de serrage T00-07P09: 0,9 Nm.
Couple de serrage H00-2020: 2 Nm.

HF86B

Têtes d'alésage pour trou borgne à plaquettes LNEG ∅ 84,5-119,499 mm / *3.327-4.705"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF86B-84.5/89.499-07-80	84,5 *3.327*	89,499 *3.524*	50,0 *1.969*	80,0 *3.150*	1,68 *3.700*	7	LNEG1003...
HF86B-89.5/94.499-07-80	89,5 *3.524*	94,499 *3.720*	50,0 *1.969*	80,0 *3.150*	1,85 *4.080*	7	LNEG1003...
HF86B-94.5/99.499-07-80	94,5 *3.720*	99,499 *3.917*	50,0 *1.969*	80,0 *3.150*	2,02 *4.450*	7	LNEG1003...
HF86B-99.5/104.499-07-80	99,5 *3.917*	104,499 *4.114*	50,0 *1.969*	80,0 *3.150*	2,2 *4.850*	7	LNEG1003...
HF86B-104.5/109.499-07-80	104,5 *4.114*	109,499 *4.311*	50,0 *1.969*	80,0 *3.150*	2,4 *5.290*	7	LNEG1003...
HF86B-109.5/114.499-07-80	109,5 *4.311*	114,499 *4.508*	50,0 *1.969*	80,0 *3.150*	2,61 *5.750*	7	LNEG1003...
HF86B-114.5/119.499-07-80	114,5 *4.508*	119,499 *4.705*	50,0 *1.969*	80,0 *3.150*	2,82 *6.220*	7	LNEG1003...

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF86B	SH4075S	CARTCYLN20B	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessoires

Pour	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF86B	H00-2020	T00-07P09

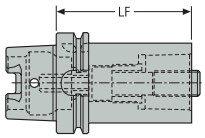
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-07P09 pour vis de plaquettes

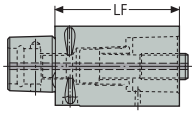
Couple de serrage T00-07P09: 0,9 Nm.
Couple de serrage H00-2020: 2 Nm.

HF80

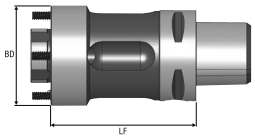
Attachement Seco-Capto™ pour ∅ 84,5-119,499 mm



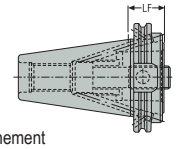




Extension



Alésoir



Attachement

Références Alésoir	Numéro de produit	LF min	LF max	Cône	BD	Poids
		mm	mm	mm	mm	kg
HF80-080-C6	02688648	–	80	C6	80	2,6
HF80...HSKA80	–	100	239	HSK-A80	80	0,0
HF80...HSKA100	–	100	239	HSK-A100	80	0,0
HF80...DIN50ADB	–	80	304	DIN50ADB	80	0,0
HF80...BT50ADB	–	80	304	BT50ADB	80	0,0

Attachements et extensions pour HF80-080-C6 (voir catalogue Systèmes d'attachements pour plus de détails).

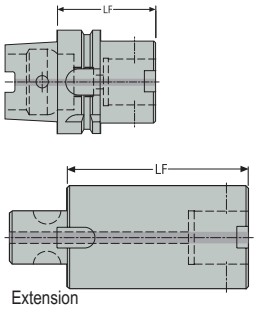
Références Attachement	Numéro de produit	LF	Cône	Seco-Capto taille	Poids
		mm			kg
HA10-C6-063-110	10197967	110	HSK-A100	C6	3,6
C6-390B.140-40085	02924116	85	DIN40	C6	1,8
C6-390B.140-50030	02924117	30	DIN50	C6	2,4
C6-390B.140-50080	02924118	80	DIN50	C6	3,6
C6-390B.55-40075	02925971	75	BT40	C6	1,7
C6-390B.58-50100	02925973	100	BT50	C6	4,6
C6-390B.58-50050	02925972	50	BT50	C6	3,4

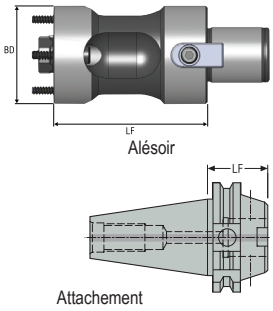
Références Extension	Numéro de produit	LF	Cône	Seco-Capto taille	Poids
		mm			kg
C6-391.01-63100A	75039887	–	C6	C6	2,2
C6-391.01-63140A	00004840	–	C6	C6	3,2
C6-391.01-63060	02300834	–	C6	C6	1,3

HF80

Attachement Graflex® pour ∅ 84,5-119,499 mm







Références Alésoir	Numéro de produit	LF min	LF max	Cône	BD	Poids
		mm	mm	mm	mm	kg
HF80-080-G6	02698873	–	80	G6	80	2,6
HF80...HSKA80	–	100	239	HSK-A80	80	0,0
HF80...HSKA100	–	100	239	HSK-A100	80	0,0
HF80...DIN50ADB	–	80	304	DIN50ADB	80	0,0
HF80...BT50ADB	–	80	304	BT50ADB	80	0,0
	–	–	–	–	–	–

Attachements et extensions pour HF80-080-G6 (voir catalogue Systèmes d'attachements pour plus de détails).

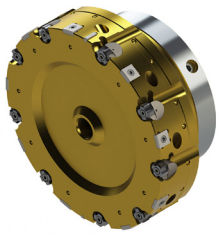
Références Attachement	Numéro de produit	LF	Cône	Taille Graflex	Poids
		mm			kg
EM93044013670	00086923	70	HSK-A63	G6	1,3
EM930440136120	00086924	120	HSK-A63	G6	2,38
EM930640136120	00086931	120	HSK-A100	G6	3,9
EM930640136160	00086932	160	HSK-A100	G6	4,8
EM34694013660	02503303	60	DIN40	G6	1,3
EM346940136120	02503304	120	DIN40	G6	2,7
EM34144013650	02503373	50	BT40	G6	1,2
EM341440136120	02503374	120	BT40	G6	2,8
EM34714013645	02503317	45	DIN50	G6	2,9
EM347140136100	02503318	100	DIN50	G6	4,1
EM347140136140	02503319	140	DIN50	G6	5,1
EM34164013663	02503383	63	BT50	G6	4,3
EM341640136100	02503384	100	BT50	G6	4,7
EM341640136140	02503385	140	BT50	G6	5,6

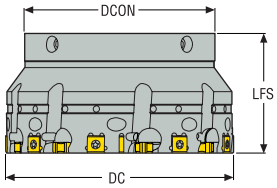
Attachements et extensions pour HF32-050-G3 (voir catalogue Systèmes d'attachements pour plus de détails).

Références Extension	Numéro de produit	LF	Cône	Taille Graflex	Poids
		mm			kg
M402660	00056765	–	G6	G6	1,4
M402661	00056766	–	G6	G6	2,1
M402662	00056767	–	G6	G6	2,9

HF85

Têtes d'alésage pour trou débouchant à plaquettes RNAX ∅ 119,5–154,499 mm / *4.705–6.083"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF85-119.5/124.499-09-100	119,5 *4.705*	124,499 *4.902*	63,0 *2.480*	100,0 *3.937*	3,89 *8.580*	9	RNAX1005...
HF85-124.5/129.499-09-100	124,5 *4.902*	129,499 *5.098*	63,0 *2.480*	100,0 *3.937*	4,15 *9.150*	9	RNAX1005...
HF85-129.5/134.499-09-100	129,5 *5.098*	134,499 *5.295*	63,0 *2.480*	100,0 *3.937*	4,42 *9.740*	9	RNAX1005...
HF85-134.5/139.499-09-100	134,5 *5.295*	139,499 *5.492*	63,0 *2.480*	100,0 *3.937*	4,7 *10.360*	9	RNAX1005...
HF85-139.5/144.499-09-100	139,5 *5.492*	144,499 *5.689*	63,0 *2.480*	100,0 *3.937*	4,99 *11.000*	9	RNAX1005...
HF85-144.5/149.499-09-100	144,5 *5.689*	149,499 *5.886*	63,0 *2.480*	100,0 *3.937*	5,29 *11.660*	9	RNAX1005...
HF85-149.5/154.499-09-100	149,5 *5.886*	154,499 *6.083*	63,0 *2.480*	100,0 *3.937*	5,6 *12.350*	9	RNAX1005...

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF85 09-100	SH4075S	CARTCYHF20	LDH4012	C03010-T09P	H2.0-2D	4SMS795	B6027

Accessoires

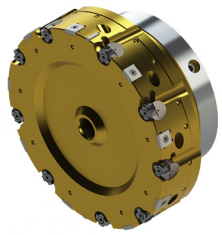
Pour	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF85 09-100	H00-2020	T00-09P20

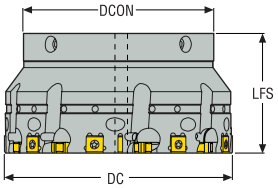
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-09P20 pour vis de plaquettes

Couple de serrage T00-09P20: 2 Nm.
Couple de serrage H00-2020: 2 Nm.

HF85B

Têtes d'alésage pour trou borgne à plaquettes RNAX ∅ 119,5-154,499 mm / *4.705-6.083"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF85B-119.5/124.499-09-100	119,5 *4.705*	124,499 *4.902*	63,0 *2.480*	100,0 *3.937*	3,89 *8.580*	9	RNAX1005...
HF85B-124.5/129.499-09-100	124,5 *4.902*	129,499 *5.098*	63,0 *2.480*	100,0 *3.937*	4,15 *9.150*	9	RNAX1005...
HF85B-134.5/139.499-09-100	134,5 *5.295*	139,499 *5.492*	63,0 *2.480*	100,0 *3.937*	4,7 *10.360*	9	RNAX1005...
HF85B-139.5/144.499-09-100	139,5 *5.492*	144,499 *5.689*	63,0 *2.480*	100,0 *3.937*	4,99 *11.000*	9	RNAX1005...
HF85B-144.5/149.499-09-100	144,5 *5.689*	149,499 *5.886*	63,0 *2.480*	100,0 *3.937*	5,29 *11.660*	9	RNAX1005...
HF85B-149.5/154.499-09-100	149,5 *5.886*	154,499 *6.083*	63,0 *2.480*	100,0 *3.937*	5,6 *12.350*	9	RNAX1005...

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF85B 09-100	SH4075S	CARTCYHF20B	LDH4012	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessoires

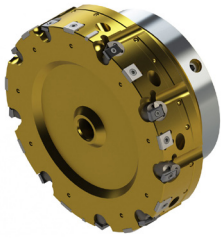
Pour	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF85B 09-100	H00-2020	T00-09P20

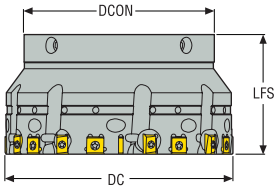
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-09P20 pour vis de plaquettes

Couple de serrage T00-09P20: 2 Nm.
Couple de serrage H00-2020: 2 Nm.

HF86

Têtes d'alésage pour trou débouchant à plaquettes LNEG ∅ 119,5–154,499 mm / *4.705–6.083"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419–420
—Paramètres de coupe, voir page(s) 445–451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF86-119.5/124.499-09-100	119,5 *4.705*	124,499 *4.902*	63,0 *2.480*	100,0 *3.937*	3,89 *8.580*	9	LNEG1003...
HF86-124.5/129.499-09-100	124,5 *4.902*	129,499 *5.098*	63,0 *2.480*	100,0 *3.937*	4,15 *9.150*	9	LNEG1003...
HF86-129.5/134.499-09-100	129,5 *5.098*	134,499 *5.295*	63,0 *2.480*	100,0 *3.937*	4,42 *9.740*	9	LNEG1003...
HF86-134.5/139.499-09-100	134,5 *5.295*	139,499 *5.492*	63,0 *2.480*	100,0 *3.937*	4,7 *10.360*	9	LNEG1003...
HF86-139.5/144.499-09-100	139,5 *5.492*	144,499 *5.689*	63,0 *2.480*	100,0 *3.937*	4,99 *11.000*	9	LNEG1003...
HF86-144.5/149.499-09-100	144,5 *5.689*	149,499 *5.886*	63,0 *2.480*	100,0 *3.937*	5,29 *11.660*	9	LNEG1003...
HF86-149.5/154.499-09-100	149,5 *5.886*	154,499 *6.083*	63,0 *2.480*	100,0 *3.937*	5,6 *12.350*	9	LNEG1003...

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF86 09-100	SH4075S	CARTCYHF20	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessoires

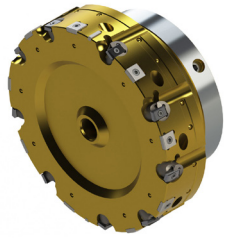
Pour	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF86 09-100	H00-2020	T00-07P09

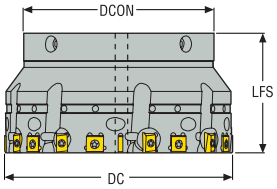
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-07P09 pour vis de plaquettes

Couple de serrage
T00-07P09: 0,9 Nm.
Couple de serrage H00-2020: 2 Nm.

HF86B

Têtes d'alésage pour trou borgne à plaquettes LNEG ∅ 119,5-154,499 mm / *4.705-6.083"*





—Pour les plaquettes, nuances et géométries, voir page(s) 419-420
—Paramètres de coupe, voir page(s) 445-451

Références	DCN	DCX	LFS	DCON	Poids		Plaquette
	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
HF86B-119.5/124.499-09-100	119,5 *4.705*	124,499 *4.902*	63,0 *2.480*	100,0 *3.937*	3,89 *8.580*	9	LNEG1003...
HF86B-124.5/129.499-09-100	124,5 *4.902*	129,499 *5.098*	63,0 *2.480*	100,0 *3.937*	4,15 *9.150*	9	LNEG1003...
HF86B-129.5/134.499-09-100	129,5 *5.098*	134,499 *5.295*	63,0 *2.480*	100,0 *3.937*	4,42 *9.740*	9	LNEG1003...
HF86B-134.5/139.499-09-100	134,5 *5.295*	139,499 *5.492*	63,0 *2.480*	100,0 *3.937*	4,7 *10.360*	9	LNEG1003...
HF86B-139.5/144.499-09-100	139,5 *5.492*	144,499 *5.689*	63,0 *2.480*	100,0 *3.937*	4,99 *11.000*	9	LNEG1003...
HF86B-144.5/149.499-09-100	144,5 *5.689*	149,499 *5.886*	63,0 *2.480*	100,0 *3.937*	5,29 *11.660*	9	LNEG1003...
HF86B-149.5/154.499-09-100	149,5 *5.886*	154,499 *6.083*	63,0 *2.480*	100,0 *3.937*	5,6 *12.350*	9	LNEG1003...

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Cartouche	Vis de serrage	Vis de plaquette	Clé (Drapeau)	Clé	Bride de coin
							
HF86B 09-100	SH4075S	CARTCYLN20B	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessoires

Pour	Clé dynamo-métrique	Tournevis Torx pour serrage des plaquettes
		
HF86B 09-100	H00-2020	T00-07P09

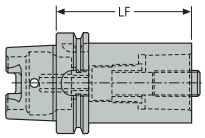
Note
Tournevis dynamométrique H00-2020 pour les vis de serrage
Tournevis dynamométrique T00-07P09 pour vis de plaquettes

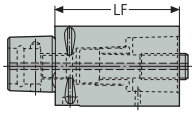
Couple de serrage T00-07P09: 0,9 Nm.
Couple de serrage H00-2020: 2 Nm.

HF100

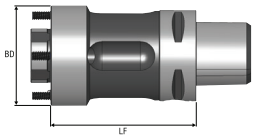
Attachement Seco-Capto™ pour ∅ 119,5–154,499 mm



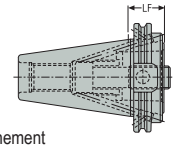




Extension



Alésoir



Attachement

Références Alésoir	Numéro de produit	LF min	LF max	Cône	BD	Poids
		mm	mm	mm	mm	kg
HF100-100-C8	02688649	–	100	C8	100	4,9
HF100...HSKA80	–	100	238	HSK-A80	100	0,0
HF100...HSKA100	–	100	238	HSK-A100	100	0,0
HF100...DIN50ADB	–	100	238	DIN50ADB	100	0,0
HF100...BT50ADB	–	100	238	BT50ADB	100	0,0

Attachements et extensions pour HF100-100-C8 (voir catalogue Systèmes d'attachements pour plus de détails).

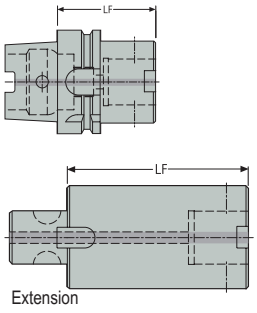
Références Attachement	Numéro de produit	LF	Cône	Seco-Capto taille	Poids
		mm			kg
HA10-C8-080-120	10197968	120	HSK-A100	C8	4,8
C8-390B.140-50070	02924119	70	DIN50	C8	3,7
C8-390B.140-50120	02924120	120	DIN50	C8	5,6
C8-390B.58-50070	02925974	70	BT50	C8	4,0
C8-390B.58-50120	02925975	120	BT50	C8	5,9

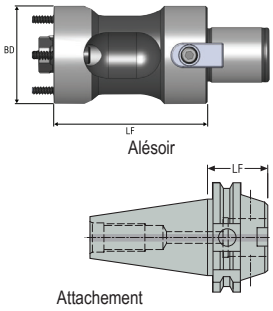
Références Extension	Numéro de produit	LF	Cône	Seco-Capto taille	Poids
		mm			kg
C8-391.01-80100A	75039888	–	C8	C8	3,7
C8-391.01-80125A	00004841	–	C8	C8	4,7

HF100

Attachement Graflex® pour ∅ 119,5-154,499 mm







Références Alésoir	Numéro de produit	LF min	LF max	Cône	BD	Poids
		mm	mm	mm	mm	kg
HF100-100-G7	02698874	–	100	G7	100	5,2
HF100...HSKA80	–	100	238	HSK-A80	100	0,0
HF100...HSKA100	–	100	238	HSK-A100	100	0,0
HF100...DIN50ADB	–	100	238	DIN50ADB	100	0,0
HF100...BT50ADB	–	100	238	BT50ADB	100	0,0

Attachements et extensions pour HF100-100-G7 (voir catalogue Systèmes d'attachements pour plus de détails).

Références Attachement	Numéro de produit	LF	Cône	Taille Graflex	Poids
		mm			kg
EM93064014685	00074385	85	HSK-A100	G7	4,0
EM930640146160	00086933	160	HSK-A100	G7	7,67
EM34714014650	02503320	50	DIN50	G7	3,3
EM347140146120	02503321	120	DIN50	G7	6,5
EM347140146200	02503324	200	DIN50	G7	10,4
EM34164014665	02503386	65	BT50	G7	4,4
EM341640146120	02503387	120	BT50	G7	6,9
EM341640146200	02503388	200	BT50	G7	10,7

Références Extension	Numéro de produit	LF	Cône	Taille Graflex	Poids
		mm			kg
M402770	00056768	–	G7	G7	2,9
M402771	00056769	–	G7	G7	4,4
M402772	00056770	–	G7	G7	5,8

Paramètres de coupe – LNEG...-EB45 Métrique

SMG		a_p (∅)	f				v_c		
			z=3	z=5	z=7	z=9	RX2000	CF	RX1500
P1	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	120 (80-200)	180 (120-250)	220 (120-300)
P2	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	120 (80-200)	180 (120-250)	220 (120-300)
P3	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	120 (80-200)	180 (120-250)	220 (120-300)
P4	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)	80 (60-150)	100 (80-200)
P5	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)	80 (60-150)	100 (80-200)
P6	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)	80 (60-150)	100 (80-200)
P7	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)	80 (60-150)	100 (80-200)
P8	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	40 (30-70)	60 (50-100)	80 (60-120)
P11	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	40 (30-70)	60 (50-100)	80 (60-120)
P12	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	30 (25-55)	45 (40-80)	65 (45-95)
M1	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	35 (25-60)	–	–
M2	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	35 (25-60)	–	–
M3	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	35 (25-60)	–	–
M4	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	25 (20-50)	–	–
M5	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	25 (20-50)	–	–
K1	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	–	220 (150-300)
K2	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	50 (35-80)	–	70 (50-120)
K3	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	–	220 (150-300)
K4	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	100 (60-120)	150 (110-200)
K5	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	100 (60-120)	150 (110-200)
K6	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	–	220 (150-300)
K7	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	–	220 (150-300)
H3	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H5	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H7	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H8	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H11	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H12	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H21	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H31	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – LNEG...-EB45 *pouces*

SMG		a_p (∅)	f				v_c		
			z=3	z=5	z=7	z=9	RX2000	CF	RX1500
P1	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	395 (260-655)	590 (395-820)	720 (395-985)
P2	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	395 (260-655)	590 (395-820)	720 (395-985)
P3	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	395 (260-655)	590 (395-820)	720 (395-985)
P4	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	195 (130-395)	260 (195-490)	330 (260-655)
P5	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	195 (130-395)	260 (195-490)	330 (260-655)
P6	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	195 (130-395)	260 (195-490)	330 (260-655)
P7	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	195 (130-395)	260 (195-490)	330 (260-655)
P8	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	130 (100-230)	195 (165-330)	260 (195-395)
P11	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	130 (100-230)	195 (165-330)	260 (195-395)
P12	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.010-0.053	100 (85-185)	150 (135-265)	215 (150-315)
M1	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	115 (80-195)	–	–
M2	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	115 (80-195)	–	–
M3	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	115 (80-195)	–	–
M4	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	80 (65-165)	–	–
M5	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	80 (65-165)	–	–
K1	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	330 (195-655)	–	720 (490-985)
K2	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	165 (115-260)	–	230 (165-395)
K3	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	330 (195-655)	–	720 (490-985)
K4	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	230 (165-395)	330 (195-395)	490 (360-655)
K5	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	230 (165-395)	330 (195-395)	490 (360-655)
K6	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	330 (195-655)	–	720 (490-985)
K7	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	330 (195-655)	–	720 (490-985)
H3	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H5	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H7	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H8	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H11	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H12	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H21	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H31	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – LNEG...-EB845 Métrique

SMG		a_p (∅)	f				v_c
			z=3	z=5	z=7	z=9	RX2000
P1	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	120 (80-200)
P2	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	120 (80-200)
P3	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	120 (80-200)
P4	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	60 (40-120)
P5	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	60 (40-120)
P6	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	60 (40-120)
P7	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	60 (40-120)
P8	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	40 (30-70)
P11	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	40 (30-70)
P12	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	30 (25-55)
M1	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	35 (25-60)
M2	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	35 (25-60)
M3	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	35 (25-60)
M4	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	25 (20-50)
M5	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	25 (20-50)
K1	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)
K2	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	50 (35-80)
K3	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)
K4	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	70 (50-120)
K5	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	70 (50-120)
K6	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)
K7	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – LNEG...-EB845 *pouces*

SMG		a_p (∅)	f				v_c
			z=3	z=5	z=7	z=9	RX2000
P1	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*395 (260-655)*
P2	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*395 (260-655)*
P3	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*395 (260-655)*
P4	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*195 (130-395)*
P5	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*195 (130-395)*
P6	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*195 (130-395)*
P7	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*195 (130-395)*
P8	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*130 (100-230)*
P11	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*130 (100-230)*
P12	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*100 (85-185)*
M1	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*115 (80-195)*
M2	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*115 (80-195)*
M3	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*115 (80-195)*
M4	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*80 (65-165)*
M5	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*80 (65-165)*
K1	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*
K2	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*165 (115-260)*
K3	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*
K4	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*230 (165-395)*
K5	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*230 (165-395)*
K6	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*
K7	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – LNEG...-EB1570 Métrique

SMG		a_p (∅)	f				v_c
			z=3	z=5	z=7	z=9	RX2000
P4	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)
P5	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)
P6	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)
P7	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)
P8	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	40 (30-70)
P11	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	40 (30-70)
P12	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	30 (25-55)
K1	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)
K2	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	50 (35-80)
K3	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)
K4	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)
K5	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)
K6	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)
K7	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – LNEG...-EB1570 *pouces*

SMG		a_p (∅)	f				v_c
			z=3	z=5	z=7	z=9	RX2000
P4	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*195 (130–395)*
P5	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*195 (130–395)*
P6	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*195 (130–395)*
P7	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*195 (130–395)*
P8	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*130 (100–230)*
P11	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*130 (100–230)*
P12	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*100 (85–185)*
K1	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195–655)*
K2	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*165 (115–260)*
K3	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195–655)*
K4	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165–395)*
K5	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165–395)*
K6	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195–655)*
K7	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195–655)*

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – RNAX...-EB45 Métrique

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K2	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	50 (35-80)	70 (50-120)
K3	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K4	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	150 (110-200)
K5	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	150 (110-200)
K6	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K7	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)

SMG = Groupes matières Seco. a_p = mm. f = mm/Tr. v_c= m/min. Toutes les données sont des valeurs de départ

Paramètres de coupe – RNAX...-EB45 *pouces*

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490-985)*
K2	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*165 (115-260)*	*230 (165-395)*
K3	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490-985)*
K4	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165-395)*	*490 (360-655)*
K5	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165-395)*	*490 (360-655)*
K6	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490-985)*
K7	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490-985)*

SMG = Groupes matières Seco. a_p = *pouces*. f = in/rev. v_c= sf/min. Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – RNAX...-EB845 Métrique

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)	220 (150-300)
K2	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	50 (35-80)	70 (50-120)
K3	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)	220 (150-300)
K4	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	70 (50-120)	150 (110-200)
K5	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	70 (50-120)	150 (110-200)
K6	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)	220 (150-300)
K7	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)	220 (150-300)

SMG = Groupes matières Seco. a_p = *pouces*. f = in/rev. v_c= sf/min. Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – RNAX...-EB845 *pouces*

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*	*720 (490-985)*
K2	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*165 (115-260)*	*230 (165-395)*
K3	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*	*720 (490-985)*
K4	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*230 (165-395)*	*490 (360-655)*
K5	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*230 (165-395)*	*490 (360-655)*
K6	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*	*720 (490-985)*
K7	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*	*720 (490-985)*

SMG = Groupes matières Seco. a_p = *pouces*. f = in/rev. v_c= sf/min. Toutes les conditions de coupe sont des valeurs de départ

Paramètres de coupe – RNAX...-EB1570 Métrique

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K2	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	50 (35-80)	70 (50-120)
K3	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K4	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	150 (110-200)
K5	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	150 (110-200)
K6	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K7	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)

SMG = Groupes matières Seco
a_p = mm
f = mm/Tr
v_c= m/min
Toutes les données sont des valeurs de départ

Paramètres de coupe – RNAX...-EB1570 *pouces*

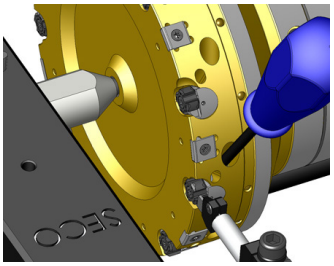
SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490- 985)*
K2	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*165 (115-260)*	*230 (165- 395)*
K3	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490- 985)*
K4	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165-395)*	*490 (360- 655)*
K5	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165-395)*	*490 (360- 655)*
K6	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490- 985)*
K7	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490- 985)*

SMG = Groupes matières Seco
a_p = *pouces*
f = in/rev
v_c= sf/min
Toutes les conditions de coupe sont des valeurs de départ

Instructions de réglage

1.

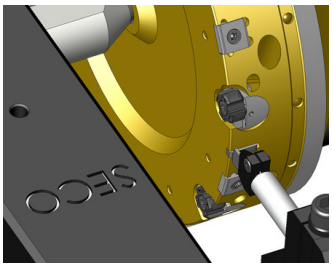
- Débrider la cartouche.
- Indexer ou remplacer les plaquettes.
- Desserrer les vis d' 1/4 de tour et repousser la cartouche dans son logement.
- Brider la cartouche légèrement à 0,5 Nm environ *(4.4 in/lb)*.

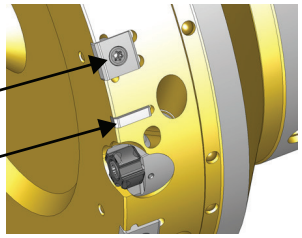


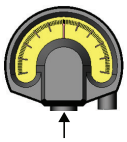


2.

- Étalonner le comparateur à « zéro » sur le patin de référence.
- Vérifier que le point de mesure est positionné après l'angle d'entrée.

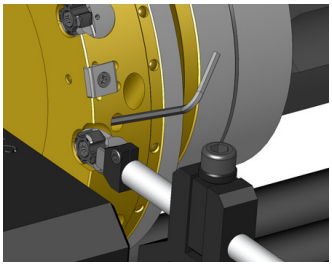




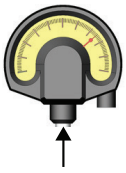


3.

- Régler la plaquette à 0,025 mm *(0.001")* au-dessus du patin de référence en utilisant la vis de réglage.
- Répéter l'opération pour chaque plaquette.







4.

- Procéder au réglage final des vis de serrage 2 Nm *(17.7 in/lb)*.



Remarque : Si le diamètre souhaité est dépassé lors du réglage, recommencer depuis le début pour éliminer le jeu de retour sur les vis de réglage.

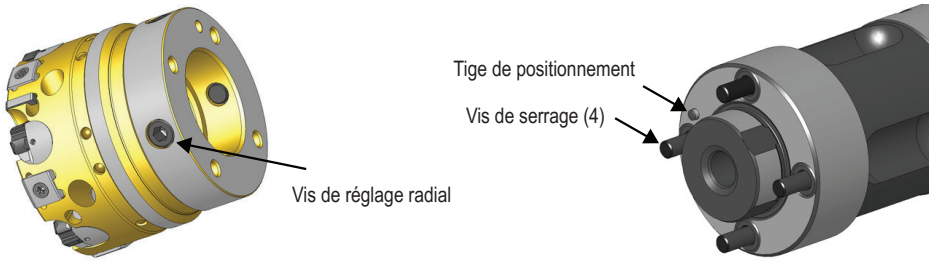
Instructions de réglage, adaptateur

1.

Assemblage

- Nettoyer parfaitement les surfaces en contact.
- Desserrer les 4 vis de réglage radial de sorte qu'elles ne gênent pas pour le montage.
- Placer la tête d'alésoir sur l'adaptateur (tige de positionnement) et serrer les 4 vis de montage.

Assemblage (schéma 1)

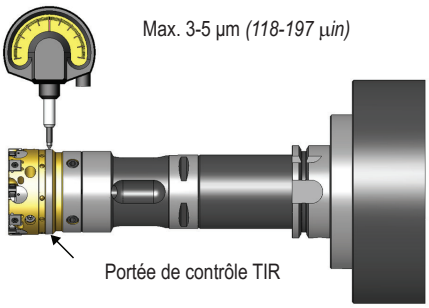


2.

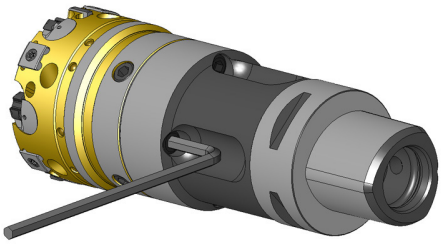
Réglage

- Monter l'outil sur la broche machine.
- Positionner le comparateur µm (schéma 2).
- Déverrouiller la rotation de broche pour qu'elle puisse tourner manuellement.
- Corriger le faux-rond à l'aide des 4 vis de réglage (schéma 3).
- Faux-rond max. 5 µm *(197 µin)*.
- Lorsque les valeurs de faux-rond deviennent inférieures à 10 µm *(394 µin)*, procéder au bridage final (schéma 1). Voir le tableau de couple de serrage pour les valeurs de couple recommandées.

Opération de réglage de la broche machine (schéma 2)



Vis de serrage (schéma 3)



3.

- Finaliser le réglage du faux-rond, max. 5 µm *(max. 197 µin)*.

Vis de réglage radial (schéma 4)

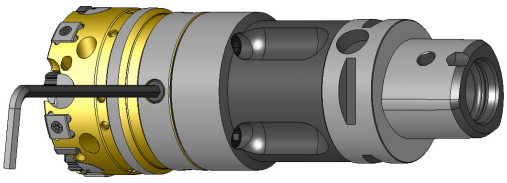
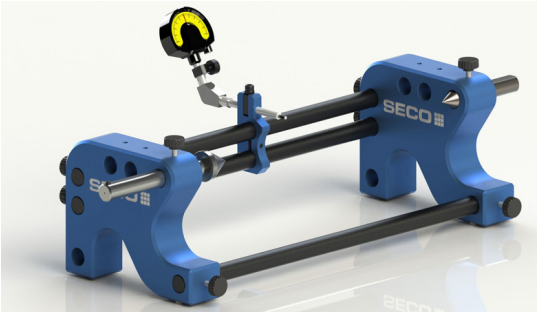
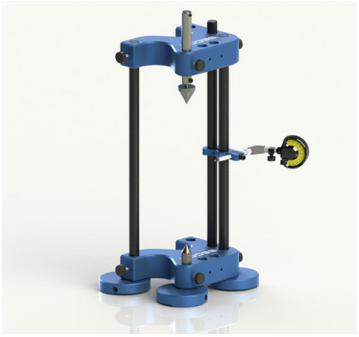


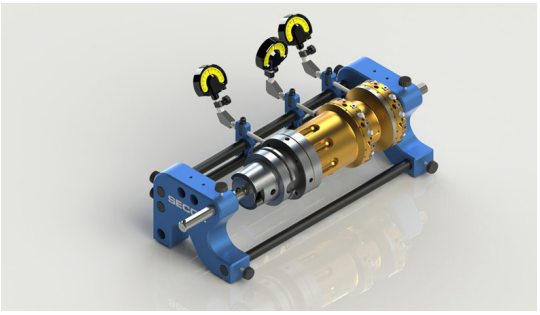
Tableau de couple de serrage

Diamètre mm	*Diamètre pouces*	**Taille de l'adaptateur**	**Vis de serrage**	**Couple de serrage (Nm)**	*Couple de serrage (in/lbs)*
39,5-59 499	*1.555-2.342*	HF32	CHC M3 x 16	2,7	*24*
59,5-84 499	*2.342-3.372*	HF55	CHC M5 x 25	5,7	*50*
84,5-119 499	*3.372-4.705*	HF80	CHC M6 x 25	9,8	*87*
119,5-154 499	*4.705-6.083*	HF100	CHC M8 x 30	24	*212*

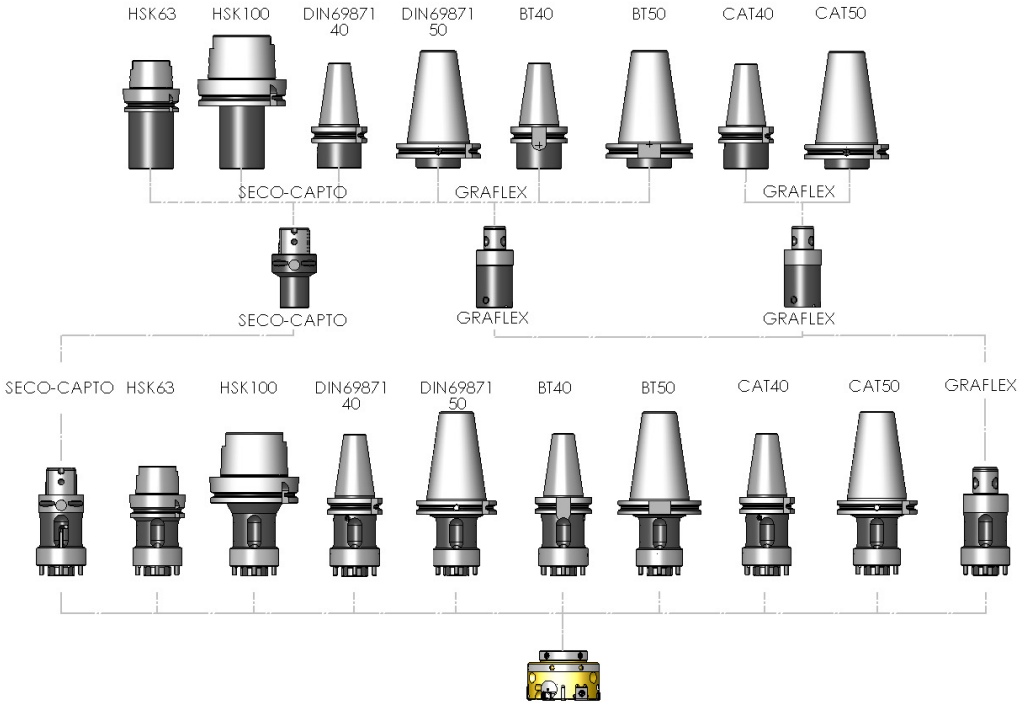
Banc de réglage à un comparateur

SF-210340-C160 : Commande et Réf. N°. 02885391 – Position horizontale – Premier choix pour les alésoirs Xfix – 1 comparateur – Ø d'outil maximal : 210 mm *(8.268")* – Longueur maximale de l'outil : 340 mm *(13.386")* – Contrepointe supplémentaire Ø 57 mm *(2.244")* pour HSK 63/80/100 et Capto C8, contrepointe SSC5700 réf. 02208620	
SF-210290V-C160 : Commande et Réf. N°. 02885392 – Position verticale – Premier choix pour les alésoirs Xfix – Ø d'outil maximal : 210 mm *(8.268")* – Longueur maximale de l'outil : 290 mm *(11.417")* – Contrepointe supplémentaire Ø 57 mm *(2.244")* pour – HSK 63/80/100 et Capto C8, SSC5700 réf. 02208620	

Banc de réglage – Plusieurs comparateurs

Possibilité pour configuration multi-comparateurs, voir chapitre Banc de réglage, page(s) 474-479 pour plus de détails	

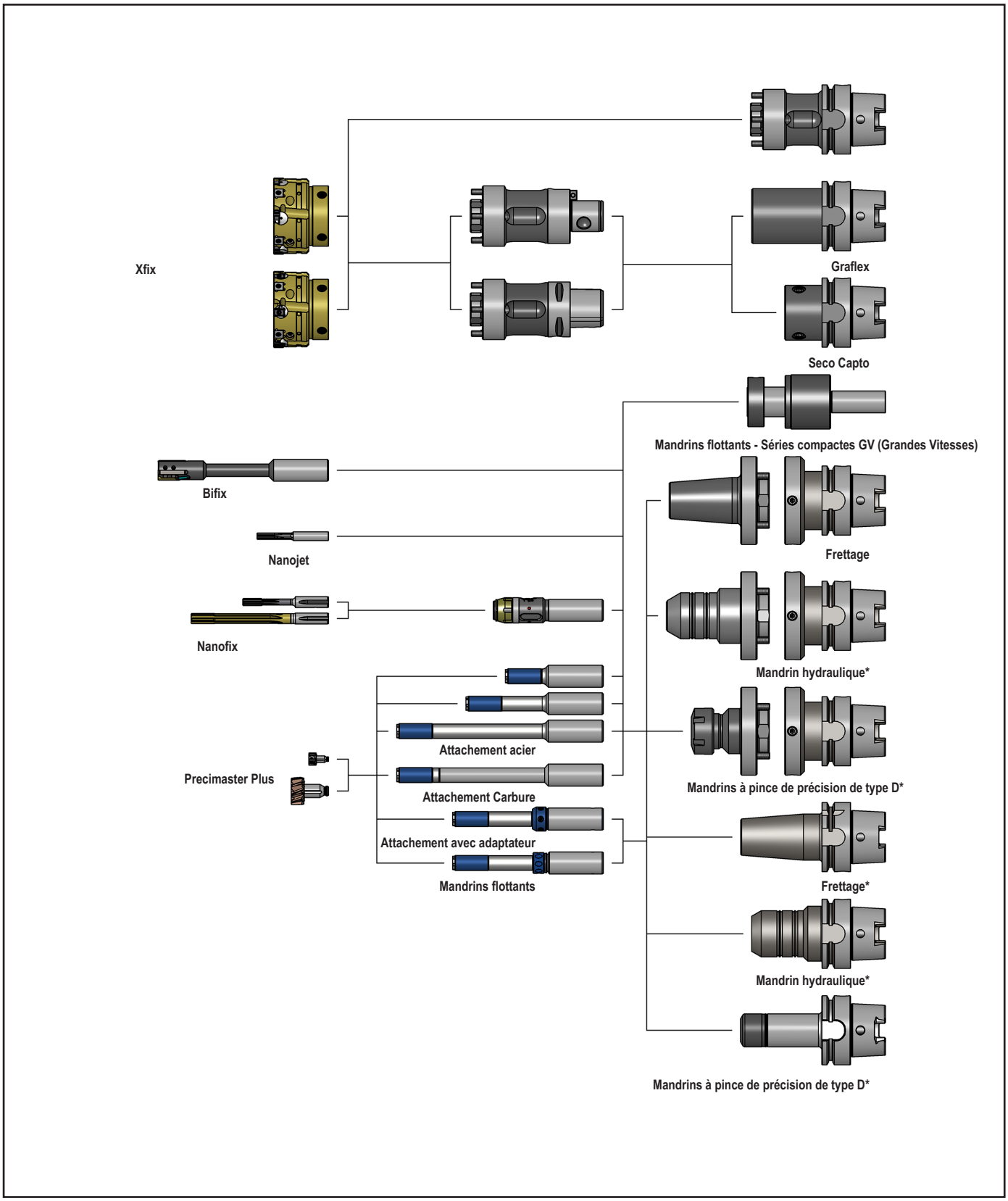
Vue d'ensemble de la gamme



Diamètre mm	*Diamètre pouces*	Ratio Ø maxi./ longueur
39,5-59 499	*1.555-2.342*	6,5 x D
59,5-84 499	*2.342-3.372*	4,5 x D
84,5-119 499	*3.372-4.705*	3,3 x D
119,5-154 499	*4.705-6.083*	2,5 x D

Remarque : Pour les diamètres > 100 mm *(3.937")* ou L > 3 x D, vérifier le poids maximum acceptable par la machine.

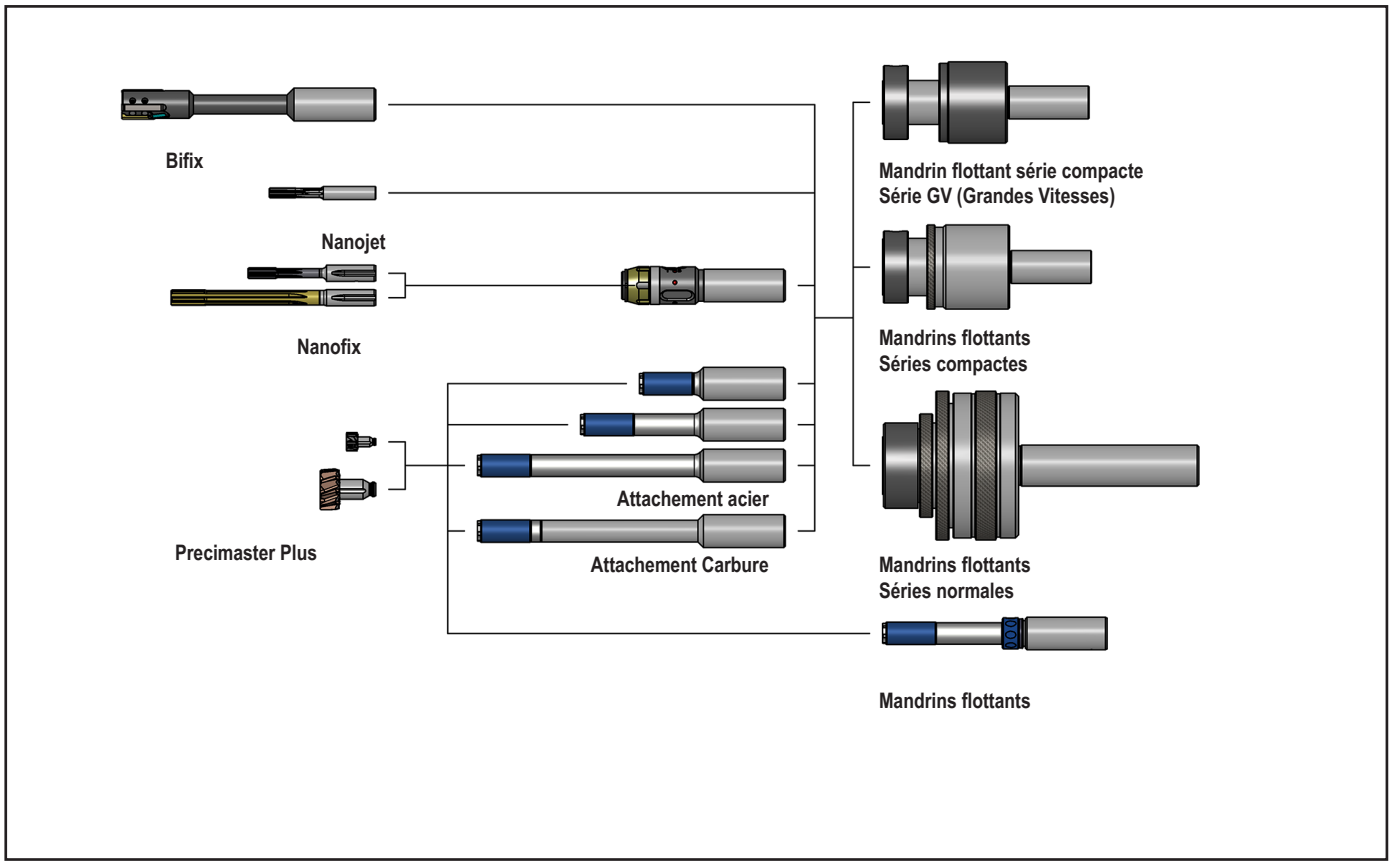
Applications outil rotatif



*Voir catalogue SYSTÈMES D'ATTACHEMENTS

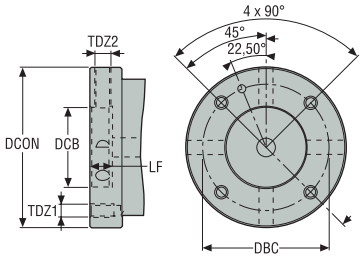
Les meilleures performances seront obtenues en montage rigide (Mandrin hydraulique, Pince type D, frettage)

Applications outil statique



Dimension du flasque





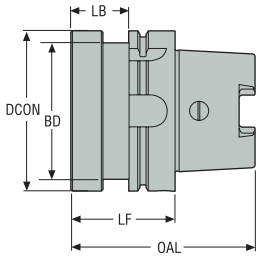
DCON	DBC +/- 0,1	DCB F8	LF	TDZ1	TDZ2
60	44	30	12	M5	M8x1
70	53	35	12	M6	M8x1
80	63	40	12	M6	M8x1
100	79	50	14	M8	M10x1
117	96	60	14	M8	M10x1
140	119	80	14	M10	M10x1

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de réglage	Vis de serrage
		
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
70	HCM8X16X1/ISO4028	CHCM6X20/ISO4762

Partie arrière HSK-A





—Remarque : Tube de lubrification et vis inclus lors de la livraison

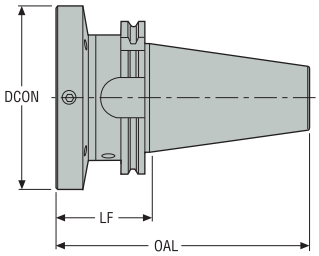
Références	Numéro de produit	Cône	DCON	BD	LB	LF	OAL	Poids
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
SAH-23405100001	02836663	HSK-A 100	60,0 *2.362*	60,0 *2.362*	26,0 *1.024*	55,0 *2.165*	105,0 *4.134*	2,5 *5.510*
SAH-23405100002	02836665	HSK-A 100	80,0 *3.150*	80,0 *3.150*	26,0 *1.024*	55,0 *2.165*	105,0 *4.134*	2,9 *6.390*
SAH-23405100003	02836666	HSK-A 100	100,0 *3.937*	85,0 *3.346*	36,0 *1.417*	65,0 *2.559*	115,0 *4.528*	3,5 *7.720*
SAH-23405100007	02836664	HSK-A 100	70,0 *2.756*	70,0 *2.756*	26,0 *1.024*	55,0 *2.165*	105,0 *4.134*	2,7 *5.950*
SAH-2340550001	02836566	HSK-A 50	60,0 *2.362*	42,0 *1.654*	34,0 *1.339*	60,0 *2.362*	85,0 *3.346*	0,95 *2.090*
SAH-2340563001	02836574	HSK-A 63	60,0 *2.362*	53,0 *2.087*	34,0 *1.339*	60,0 *2.362*	92,0 *3.622*	1,2 *2.650*
SAH-2340563002	02836576	HSK-A 63	80,0 *3.150*	53,0 *2.087*	34,0 *1.339*	60,0 *2.362*	92,0 *3.622*	1,4 *3.090*
SAH-2340563003	02836575	HSK-A 63	70,0 *2.756*	53,0 *2.087*	34,0 *1.339*	60,0 *2.362*	92,0 *3.622*	1,3 *2.870*
SAH-2340563004	02836577	HSK-A 63	100,0 *3.937*	53,0 *2.087*	39,0 *1.535*	65,0 *2.559*	97,0 *3.819*	1,95 *4.300*
SAH-2340580001	02836655	HSK-A 80	60,0 *2.362*	60,0 *2.362*	24,0 *0.945*	50,0 *1.969*	90,0 *3.543*	1,4 *3.090*
SAH-2340580002	02836658	HSK-A 80	80,0 *3.150*	67,0 *2.638*	34,0 *1.339*	60,0 *2.362*	100,0 *3.937*	1,6 *3.530*
SAH-2340580003	02836657	HSK-A 80	70,0 *2.756*	67,0 *2.638*	34,0 *1.339*	60,0 *2.362*	100,0 *3.937*	1,5 *3.310*
SAH-2340580004	02836660	HSK-A 80	100,0 *3.937*	67,0 *2.638*	39,0 *1.535*	65,0 *2.559*	105,0 *4.134*	2,2 *4.850*

Pièces détachées, pièces incluses lors de la livraison

Pour DCON	Vis de réglage	Vis de serrage
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
70	HCM8X16X1/ISO4028	CHCM6X20/ISO4762
80	HCM8X16X1/ISO4028	CHCM6X25/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Partie arrière DIN 69871





—Remarque : Vis incluses lors de la livraison

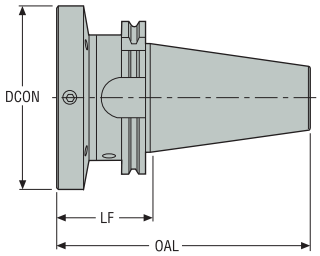
Références	Numéro de produit	Cône	DCON	LF	OAL	Poids
			mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
SAH-2340640201	02836683	DIN40 ADB	60,0 *2.362*	50,0 *1.969*	118,4 *4.661*	1,3 *2.870*
SAH-2340640202	02836685	DIN40 ADB	80,0 *3.150*	55,0 *2.165*	123,4 *4.858*	1,7 *3.750*
SAH-2340640203	02836686	DIN40 ADB	100,0 *3.937*	60,0 *2.362*	128,4 *5.055*	2,3 *5.070*
SAH-2340650201	02836687	DIN50 ADB	60,0 *2.362*	50,0 *1.969*	151,8 *5.976*	3,1 *6.830*
SAH-2340650202	02836690	DIN50 ADB	80,0 *3.150*	50,0 *1.969*	151,8 *5.976*	3,5 *7.720*
SAH-2340650203	02836691	DIN50 ADB	100,0 *3.937*	60,0 *2.362*	161,8 *6.370*	4,3 *9.480*

Pièces détachées, pièces incluses lors de la livraison

Pour DCON	Vis de réglage	Vis de serrage
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
80	HCM8X16X1/ISO4028	CHCM6X25/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Partie arrière ANSI CAT





—Remarque : Vis incluses lors de la livraison
—Tirette avec filetage impérial

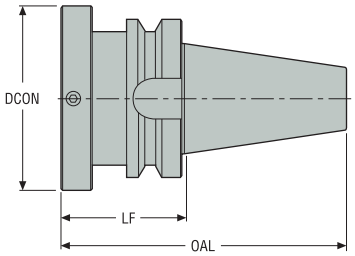
Références	Numéro de produit	Cône	DCON	LF	OAL	Poids
			mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
SAH-2784940201	02836698	CAT 40	60,0 *2.362*	50,0 *1.969*	118,4 *4.661*	1,1 *2.430*
SAH-2784940202	02836702	CAT 40	80,0 *3.150*	60,0 *2.362*	128,4 *5.055*	1,8 *3.970*
SAH-2784940203	02836704	CAT 40	100,0 *3.937*	60,0 *2.362*	128,4 *5.055*	2,3 *5.070*
SAH-2784950201	02836707	CAT 50	60,0 *2.362*	50,0 *1.969*	151,8 *5.976*	3,1 *6.830*
SAH-2784950202	02836709	CAT 50	80,0 *3.150*	60,0 *2.362*	161,8 *6.370*	3,4 *7.500*
SAH-2784950203	02836710	CAT 50	100,0 *3.937*	80,0 *3.150*	181,8 *7.157*	5,5 *12.130*

Pièces détachées, pièces incluses lors de la livraison

Pour DCON	Vis de réglage	Vis de serrage
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
80	HCM8X16X1/ISO4028	CHCM6X25/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Partie arrière BT





—Remarque : Vis incluses lors de la livraison

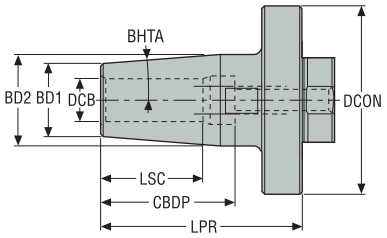
Références	Numéro de produit	Cône	DCON	LF	OAL	Poids
			mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
SAH-2340740001	02836717	BT40 ADB	60,0 *2.362*	55,0 *2.165*	120,4 *4.740*	1,4 *3.090*
SAH-2340740002	02836719	BT40 ADB	80,0 *3.150*	65,0 *2.559*	130,4 *5.134*	2,0 *4.410*
SAH-2340740003	02836721	BT40 ADB	100,0 *3.937*	60,0 *2.362*	125,4 *4.937*	2,7 *5.950*
SAH-2340740004	02836718	BT40 ADB	70,0 *2.756*	55,0 *2.165*	120,4 *4.740*	1,5 *3.310*
SAH-2340750001	02836724	BT50 ADB	60,0 *2.362*	70,0 *2.756*	171,8 *6.764*	4,2 *9.260*
SAH-2340750002	02836725	BT50 ADB	70,0 *2.756*	70,0 *2.756*	171,8 *6.764*	4,4 *9.700*
SAH-2340750003	02836726	BT50 ADB	80,0 *3.150*	70,0 *2.756*	171,8 *6.764*	4,6 *10.140*
SAH-2340750004	02836727	BT50 ADB	100,0 *3.937*	70,0 *2.756*	171,8 *6.764*	5,1 *11.240*

Pièces détachées, pièces incluses lors de la livraison

Pour DCON	Vis de réglage	Vis de serrage
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
70	HCM8X16X1/ISO4028	CHCM6X20/ISO4762
80	HCM8X16X1/ISO4028	CHCM6X25/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Partie avant, mandrin à fretter





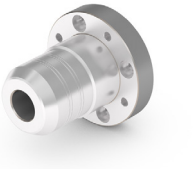
—Remarque : Vis de réglage incluses dans la livraison

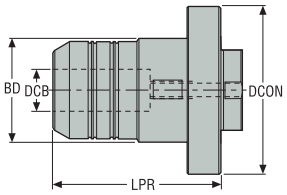
Références	Numéro de produit	DCON	BD2	BD1	DCB	LSC	CBDP	LPR	Poids	BHTA°
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
SAH-2341012238	02836737	60,0 *2.362*	32,0 *1.260*	24,0 *0.945*	12,0 *0.472*	34,0 *1.339*	47,5 *1.870*	70,0 *2.756*	0,52 *1.150*	4.5
SAH-2341016241	02836741	70,0 *2.756*	34,0 *1.339*	27,0 *1.063*	16,0 *0.630*	39,0 *1.535*	50,5 *1.988*	75,0 *2.953*	0,7 *1.540*	4.5
SAH-2341020251	02836742	80,0 *3.150*	42,0 *1.654*	33,0 *1.299*	20,0 *0.787*	41,0 *1.614*	52,5 *2.067*	80,0 *3.150*	1,0 *2.200*	4.5
SAH-2341025260	02836743	100,0 *3.937*	53,0 *2.087*	44,0 *1.732*	25,0 *0.984*	47,0 *1.850*	58,5 *2.303*	80,0 *3.150*	2,2 *4.850*	4.5
SAH-2341032261	02836744	100,0 *3.937*	53,0 *2.087*	44,0 *1.732*	32,0 *1.260*	51,0 *2.008*	62,5 *2.461*	80,0 *3.150*	2,5 *5.510*	4.5

Pièces détachées, pièces incluses lors de la livraison

Pour DCON	Vis de réglage
	
60	HCM6X12/ISO4028
70	HCM6X16/ISO4028
80	HCM6X16/ISO4028
100	HCM8X12X1/ISO4028

Partie avant du mandrin hydraulique





—Remarque : Vis de réglage incluses dans la livraison

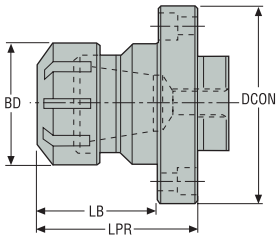
Références	Numéro de produit	DCON	BD	DCB	LPR	Poids
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
SAH-2341112255	02836752	80,0 *3.150*	32,0 *1.260*	12,0 *0.472*	77,5 *3.051*	1,1 *2.430*
SAH-2341112259	02836757	100,0 *3.937*	32,0 *1.260*	12,0 *0.472*	90,0 *3.543*	1,9 *4.190*
SAH-2341116253	02836749	70,0 *2.756*	38,0 *1.496*	16,0 *0.630*	50,0 *1.969*	0,75 *1.650*
SAH-2341116256	02836754	80,0 *3.150*	38,0 *1.496*	16,0 *0.630*	82,5 *3.248*	1,2 *2.650*
SAH-2341120257	02836755	80,0 *3.150*	42,0 *1.654*	20,0 *0.787*	82,5 *3.248*	1,3 *2.870*
SAH-2341125258	02836756	80,0 *3.150*	50,0 *1.969*	25,0 *0.984*	90,0 *3.543*	1,7 *3.750*
SAH-2341125260	02836758	100,0 *3.937*	50,0 *1.969*	25,0 *0.984*	100,0 *3.937*	2,8 *6.170*
SAH-2341132261	02836759	100,0 *3.937*	60,0 *2.362*	32,0 *1.260*	103,0 *4.055*	2,9 *6.390*

Pièces détachées, pièces incluses lors de la livraison

Pour DCON	Vis de réglage
	
70	HCM6X16/ISO4028
80	HCM6X16/ISO4028
100	HCM8X12X1/ISO4028

Partie avant du mandrin à pince ER





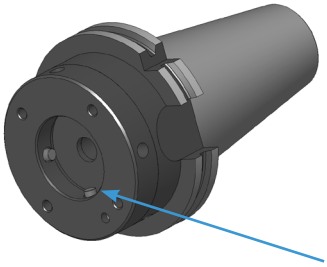
—Remarque : Vis de réglage incluses dans la livraison

Références	Numéro de produit	Taille	DCON	BD	LB	LPR	Poids
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
SAH-23412ER25254	02836762	ER25	80,0 *3.150*	42,0 *1.654*	45,0 *1.772*	60,0 *2.362*	1,0 *2.200*
SAH-23412ER32255	02836763	ER32	80,0 *3.150*	50,0 *1.969*	45,0 *1.772*	60,0 *2.362*	1,2 *2.650*
SAH-23412ER40256	02836764	ER40	100,0 *3.937*	63,0 *2.480*	50,0 *1.969*	70,0 *2.756*	1,6 *3.530*

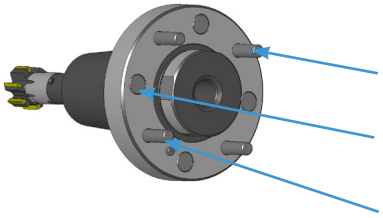
Pièces détachées, pièces incluses lors de la livraison

Pour DCON	Vis de réglage
	
80	HCM6X16/ISO4028
100	HCM8X12X1/ISO4028

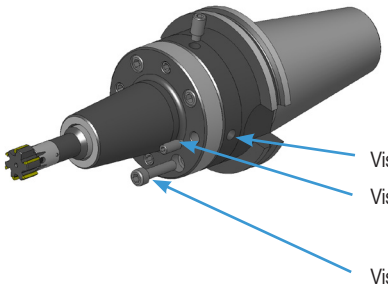
Instructions d'assemblage



– Nettoyer la surface de contact
– Assurez-vous que les vis de réglage radial ne soient pas en interférence avec l'ensemble

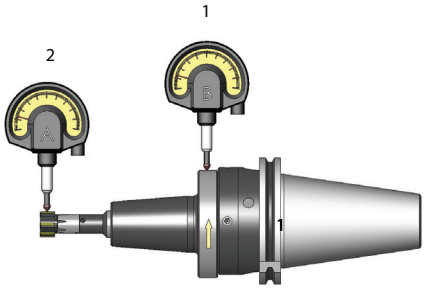
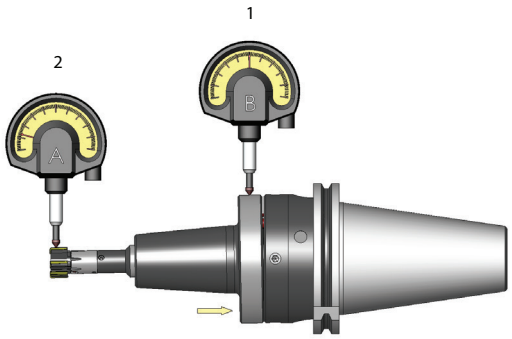
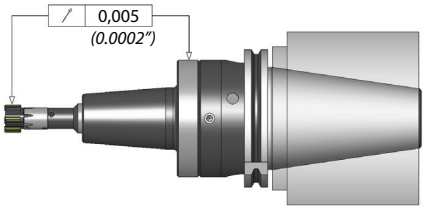


– Assurez-vous que les vis de réglage angulaire ne soient pas en interférence avec l'ensemble



– Procéder au montage et pré-serrer les vis de serrage (x4)

Instructions de réglage

– Monter l'outil sur la broche machine – Monter le comparateur 1 comme indiqué sur la photo (le comparateur 2 n'est pas utile à cette étape) – Tourner manuellement pour trouver le point le plus bas – Compenser le faux-rond radial comme indiqué par la flèche – Contrôler et répéter l'opération si nécessaire	
– Monter le comparateur 2 comme indiqué sur la photo – Tourner manuellement l'outil pour trouver le point le plus bas – Compenser le faux-rond radial comme indiqué par la flèche – Contrôler et répéter l'opération si nécessaire	
– Lorsque le réglage est terminé, avec un faux-rond <5 µm *(197 µin)*, finaliser le serrage pour sécuriser l'assemblage – L'adaptateur réglable peut être réglé au préalable sur un banc de réglage disponible dans l'atelier – Le réglage final doit toujours être effectué sur la broche de la machine – Le comparateur au micron doit être utilisé. Il est possible d'utiliser un seul comparateur pour les deux opérations	

Présentation de la gamme

Il est recommandé d'utiliser les mandrins flottants Seco

– Lorsque le faux-rond excède 0,02 mm *(0.0008")*
– Pour les outils statiques

Séries compactes GV (Grandes Vitesses) – Choix de base pour outils rotatifs – Pas de réglage nécessaire (préréglé en production) – Rotation jusqu'à 3 000 tr/min selon l'application – Compatible avec les applications statiques	
Séries compactes – Choix de base pour outils statiques – Correction radiale uniquement – Compatible pour les applications rotatives - Rotation max. 800 tr/min	
Séries normales – Correction radiale et angulaire – Compatible pour les applications rotatives - Rotation max. 800 tr/min	

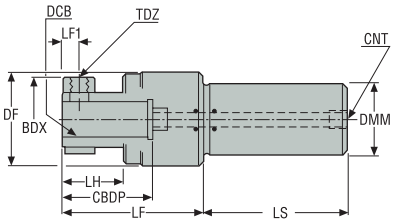
Tous les mandrins flottants sont dotés de l'arrosage intégré.
2 types d'adduction possibles.

JJL: adduction par le côté
JJ : avec attachement

Manuel d'utilisation inclus.

Séries compactes GV (Grandes Vitesses)

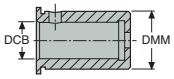




Références	Numéro de produit	DCB	DMM	LF	LS	DF	BDX	LH	CBDP	CNT	LF1	TDZ	ADJRG	Poids
		mm	mm	mm	mm	mm	mm	mm	mm		mm		mm	kg
SFH-GV11019JJ	00088959	10,0	19,05	47,5	40,0	33,0	30,0	11,5	25,0	1/8	5,5	M6	0,2	0,7
SFH-GV11020JJ	00088945	10,0	20,0	47,5	40,0	33,0	30,0	11,5	25,0	1/8	5,5	M6	0,2	0,8
SFH-GV21619JJ	00076815	16,0	19,05	66,0	50,0	49,5	39,0	24,5	40,0	1/8	8,0	M8	0,2	0,8
SFH-GV21620JJ	00072133	16,0	20,0	66,0	50,0	49,5	39,0	24,5	40,0	1/8	8,0	M8	0,2	0,8
SFH-GV22019JJ	00076827	20,0	19,05	76,0	50,0	49,5	45,0	34,5	50,0	1/8	8,0	M8	0,2	0,8
SFH-GV22020JJ	00072134	20,0	20,0	76,0	50,0	49,5	45,0	34,5	50,0	1/8	8,0	M8	0,2	0,8
SFH-GV32525JJ	00076828	25,0	25,4	89,0	60,0	62,0	52,0	43,5	60,0	1/4	11,0	M10	0,3	1,4
SFH-GV32525MJJ	00072135	25,0	25,0	89,0	60,0	62,0	52,0	43,5	60,0	1/4	11,0	M10	0,3	1,4
SFH-GV325425JJ	00088960	25,4	25,4	89,0	60,0	62,0	52,0	43,5	60,0	1/4	11,0	M10	0,3	1,4
SFH-GV43232JJ	02602671	32,0	32,0	90,0	80,0	72,0	60,0	34,0	60,0	3/8	9,0	M10	0,3	2,2

Accessoires

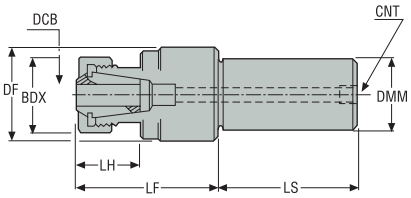
Références — **Bague de réduction**



	DCB	DMM
SRR-BR11016	10	16
SRR-BR11216	12	16
SRR-BR11220	12	20
SRR-BR21620	16	20
SRR-BR31625	16	25
SRR-BR32025	20	25
SRR-GV42532	25	32

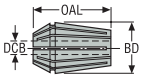
Compacte GV, série grande vitesse avec pince





Références	Numéro de produit	CZC	DMM	LF	LS	DF	BDX	LH	CNT	ADJRG	Poids
			mm	mm	mm	mm	mm	mm		mm	kg
SFH-GV3BC25MJJ	00088946	ER32	25,0	80,0	60,0	62,0	50,0	35,0	1/4	0,3	1,3
SFH-GV3BC25JJ	00088961	ER32	25,4	80,0	60,0	62,0	50,0	35,0	1/4	0,3	1,3
SFH-GV4BC31JJ	00088962	ER40	31,75	94,0	80,0	72,0	63,0	39,0	3/8	0,3	0,7
SFH-GV4BC32JJ	00088947	ER40	32,0	94,0	80,0	72,0	63,0	39,0	3/8	0,3	2,4

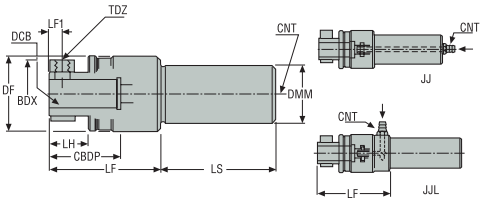
Accessoires

Références	Taille	Pince*			Taille	Clé*
						
		DCB	BD	OAL		
58803210	ER32	10	33	40	ER32	03B587532
58803212	ER32	12	33	40	–	–
58803213	ER32	13	33	40	–	–
58803216	ER32	16	33	40	–	–
58803220	ER32	20	33	40	–	–
58804016	ER40	16	41	46	ER40	03B537540
58804020	ER40	20	41	46	–	–
58804025	ER40	25	41	46	–	–
58804026	ER40	26	41	46	–	–

*Pinces et clés à commander séparément.

Séries compactes

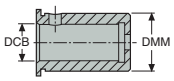




Références	Numéro de produit	DCB	DMM	LF	LS	DF	BDX	LH	CBDP	CNT	LF1	TDZ	ADJRG	Poids
		mm	mm	mm	mm	mm	mm	mm	mm		mm		mm	kg
SFH-C01019JJ	00088963	10,0	19,05	44,5	40,0	38,5	30,0	11,0	25,0	1/8	6,0	M6	1,0	0,575
SFH-C21619CJJ	00076829	16,0	19,05	67,5	50,0	51,5	34,0	17,0	40,0	1/4	8,0	M6	1,5	0,97
SFH-C22019JJL	00088966	20,0	19,05	97,0	70,0	51,5	44,0	27,0	50,0	1/4	8,0	M8	1,5	1,1
SFH-C22019CJJ	00076830	20,0	19,05	77,5	50,0	51,5	44,0	27,0	50,0	1/4	8,0	M8	1,5	0,97
SFH-C01020JJ	00088948	10,0	20,0	44,5	40,0	38,5	30,0	11,0	25,0	1/8	6,0	M6	1,0	0,59
SFH-C21620CJJ	00072142	16,0	20,0	67,5	50,0	51,5	34,0	17,0	40,0	1/4	8,0	M6	1,5	0,97
SFH-C22020CJJ	00072145	20,0	20,0	77,5	50,0	51,5	44,0	27,0	50,0	1/4	8,0	M8	1,5	1,0
SFH-C22020JJL	00088951	20,0	20,0	97,0	60,0	51,5	44,0	27,0	50,0	1/4	8,0	M8	1,5	1,1
SFH-C32525JJ	00076846	25,0	25,4	90,0	110,0	59,5	50,0	31,0	60,0	3/8	11,0	M8	1,5	1,7
SFH-C32525JJL	00088967	25,0	25,4	125,0	70,0	59,5	50,0	31,0	60,0	3/8	11,0	M8	1,5	1,98
SFH-C32525MJJ	00072149	25,0	25,0	90,0	110,0	59,5	50,0	31,0	60,0	3/8	11,0	M8	1,5	1,6

Accessoires

Références — **Bague de réduction**

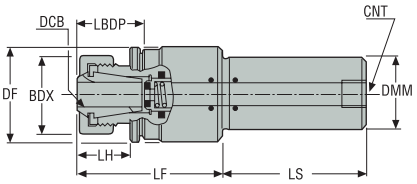


	DCB	DMM
SRR-BR11016	10	16
SRR-BR11216	12	16
SRR-BR11220	12	20
SRR-BR21620	16	20
SRR-BR31625	16	25
SRR-BR32025	20	25

Le raccord hydraulique n'est pas inclus lors de la livraison.

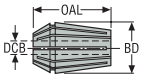
Série compacte avec pince





Références	Numéro de produit	CZC	DMM	LF	LS	DF	BDX	CBDP	LH	CNT	ADJRG	Poids
			mm	mm	mm	mm	mm	mm	mm		mm	kg
SFH-C65BC25MCJJ	00088953	ER32	25,0	94,0	50,0	64,5	50,0	42,0	33,0	3/8	1,5	1,7
SFH-C65BC25CJJ	00088968	ER32	25,4	94,0	50,0	64,5	50,0	42,0	33,0	3/8	1,5	1,7

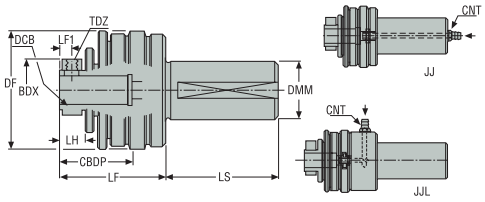
Accessoires

Références	Taille	Pince*			Taille	Clé*
						
		DCB	BD	OAL		
58803210	ER32	10	33	40	ER32	03B587532
58803212	ER32	12	33	40	–	–
58803213	ER32	13	33	40	–	–
58803216	ER32	16	33	40	–	–
58803220	ER32	20	33	40	–	–
58804016	ER40	16	41	46	ER40	03B537540
58804020	ER40	20	41	46	–	–
58804025	ER40	25	41	46	–	–
58804026	ER40	26	41	46	–	–

*Pinces et clés à commander séparément.

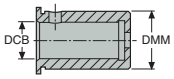
Séries normales





Références	Numéro de produit	DCB	DMM	LF	LS	DF	BDX	LH	CBDP	CNT	LF1	TDZ	ADJRG	ANADJ	Poids
		mm	mm	mm	mm	mm	mm	mm	mm		mm		mm		kg
SFH-11619JJ	00088969	16,0	19,05	64,0	50,0	62,0	34,0	16,0	40,0	1/4	8,0	M6	1,5	1,0 °	0,9
SFH-11619JJL	00088970	16,0	19,05	81,0	40,0	62,0	34,0	16,0	40,0	1/4	8,0	M6	1,5	1,0 °	1,32
SFH-11620JJ	00088954	16,0	20,0	64,0	50,0	62,0	34,0	16,0	40,0	1/4	8,0	M6	1,5	1,0 °	0,95
SFH-11620JJL	00088955	16,0	20,0	81,0	40,0	62,0	34,0	16,0	40,0	1/4	8,0	M6	1,5	1,0 °	1,34
SFH-22025JJ	00088971	20,0	25,4	74,0	65,0	82,0	44,0	16,0	50,0	3/8	8,0	M8	1,5	1,0 °	1,9
SFH-22025JJL	00088972	20,0	25,4	98,0	70,0	82,0	44,0	16,0	50,0	1/4	8,0	M8	1,5	1,0 °	2,2
SFH-22025MJJ	00088956	20,0	25,0	74,0	65,0	82,0	44,0	16,0	50,0	3/8	8,0	M8	1,5	1,0 °	1,9
SFH-32525JJ	00088973	25,0	25,4	82,5	110,0	91,0	52,0	22,0	60,0	3/8	11,0	M8	2,0	1,0 °	2,5
SFH-32525MJJ	00088958	25,0	25,0	82,5	110,0	91,0	52,0	22,0	60,0	3/8	11,0	M8	2,0	1,0 °	2,5

Accessoires

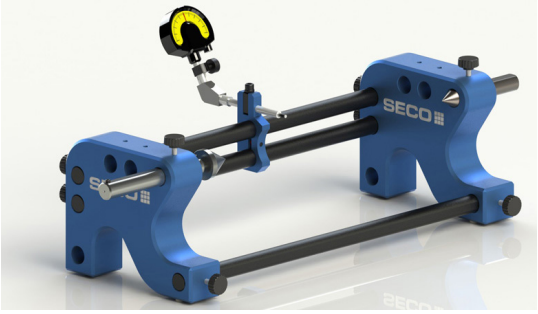
Références	Bague de réduction	
		
	DCB	DMM
SRR-BR11016	10	16
SRR-BR11216	12	16
SRR-BR11220	12	20
SRR-BR21620	16	20
SRR-BR31625	16	25
SRR-BR32025	20	25

Le raccord hydraulique n'est pas inclus lors de la livraison.

Banc de réglage à un comparateur

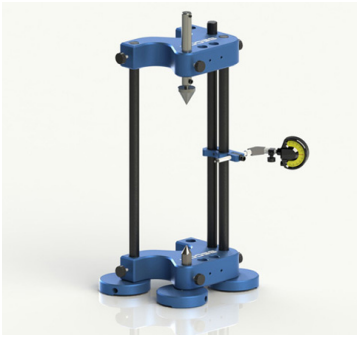
SF-210340-C160 : Commande et Réf. N°. 02885391

- Position horizontale
- Premier choix pour les alésoirs Xfix
- 1 comparateur
- Ø d'outil maximal : 210 mm *(8.268")*
- Longueur maximale de l'outil : 340 mm *(13.386")*
- Incluse dans la livraison : contrepointe supplémentaire Ø 57 mm *(2.224")* pour HSK 63/80/100 & Capto C8, SSC5700 Réf. 02208620



SF-210290V-C160 : Commande et Réf. N°. 02885392

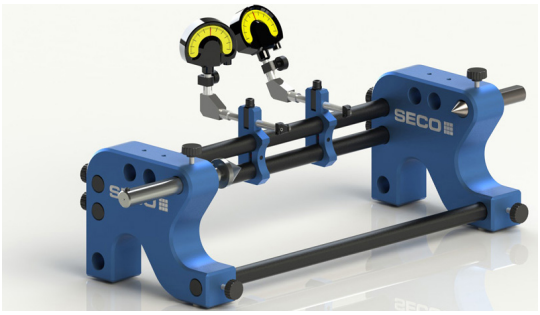
- Position verticale
- Premier choix pour les alésoirs Xfix
- Ø d'outil maximal : 210 mm *(8.268")*
- Longueur maximale de l'outil : 290 mm *(11.417")*
- Incluse dans la livraison : contrepointe supplémentaire Ø 57 mm *(2.224")* pour HSK 63/80/100 & Capto C8, SSC5700 Réf. 02208620



Banc de réglage à deux comparateurs

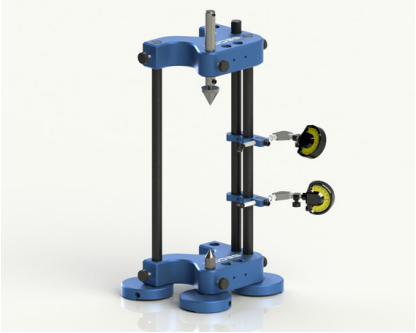
SF-210340-C160C190 : Commande et Réf. N°. 02885393

- Position horizontale
- Premier choix pour les alésoirs Bifix
- 2 comparateurs
- Ø outil maximal : 210 mm *(8.268")*
- Longueur maximale de l'outil : 340 mm *(13.386")*
- Incluse dans la livraison : contrepointe supplémentaire Ø 57 mm *(2.224")* pour HSK 63/80/100 et CaptoC8, contrepointe SSC5700 réf. 02208620 incluse



SF-210290V-C160C190 : Commande et Réf. N°. 02885394

- Position verticale
- Premier choix pour les alésoirs Bifix
- 2 comparateurs
- Ø d'outil maximal : 210 mm *(8.268")*
- Longueur maximale de l'outil : 290 mm *(11.417")*
- Incluse dans la livraison : contrepointe supplémentaire Ø 57 mm *(2.224")*pour HSK 63/80/100 & Capto C8, SSC5700 Réf. 02208620

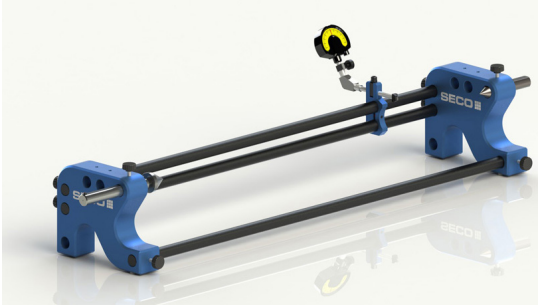


Pour plus d'informations sur les modalités de commande, contactez votre interlocuteur Seco Tools.

Banc de réglage à comparateur de grande capacité

SF-210740-C160 : Commande et Réf. N°. 02885385

- Position horizontale
- Premier choix pour les alésoirs Xfix
- 1 comparateur
- Ø d'outil maximal : 210 mm *(8.268")*
- Longueur maximale de l'outil : 740 mm *(29.134")*
- Contrepointe supplémentaire Ø 57 mm *(2.224")* pour HSK 63/80/100 et Capto C8, contrepointe SSC5700 réf. 02208620 incluse.



SF-210690V-C160 : Commande et Réf. N°. 02885387

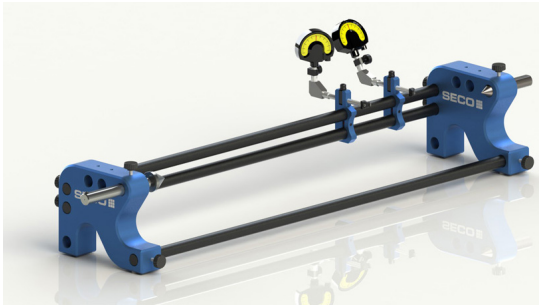
- Position verticale
- Premier choix pour les alésoirs Xfix
- Ø d'outil maximal : 210 mm *(8.268")*
- Longueur maximale de l'outil : 690 mm *(27.165")*
- Contrepointe supplémentaire Ø 57 mm *(2.224")* pour HSK 63/80/100 et Capto C8, contrepointe SSC5700 réf. 02208620.



Banc de réglage à deux comparateurs de grande capacité

SF-210740-C160C190 : Commande et Réf. N°. 02885388

- Position horizontale
- Premier choix pour les alésoirs Bifix
- 2 comparateurs
- Ø outil maximal : 210 mm *(8.268")*
- Longueur maximale de l'outil : 740 mm *(29.134")*
- Contrepointe supplémentaire Ø 57 mm *(2.224")* pour HSK 63/80/100 et Capto C8, contrepointe SSC5700 incluse.



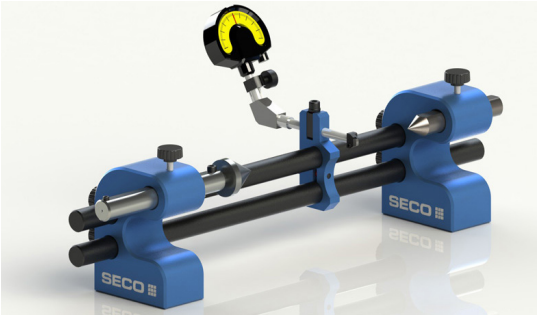
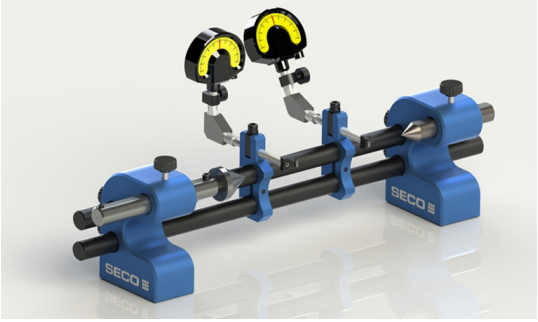
SF-210690V-C160C190 : Commande et Réf. N°. 02885390

- Position verticale
- Premier choix pour les alésoirs Bifix
- 2 comparateurs
- Ø d'outil maximal : 210 mm *(8.268")*
- Longueur maximale de l'outil : 690 mm *(27.165")*
- Contrepointe supplémentaire Ø 57 mm *(2.224")* pour HSK 63/80/100 et Capto C8, contrepointe SSC5700 réf. 02208620.



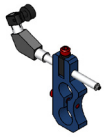
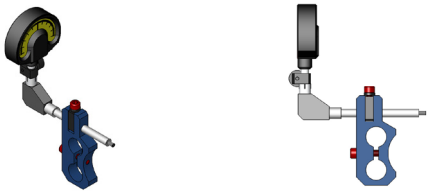
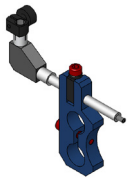
Pour plus d'informations sur les modalités de commande, contactez votre interlocuteur Seco Tools.

Dispositif de réglage – Compact

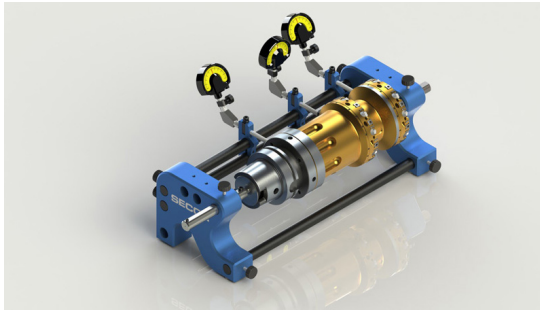
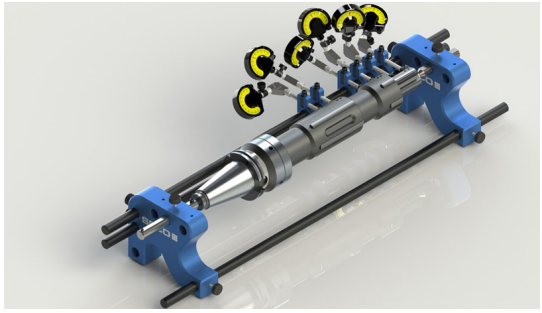
SF-60200-C160 : Commande et Réf. N°. 02885395 – Position horizontale – Premier choix pour un Ø inférieur à 60 mm *(2.362")* – 1 comparateur – Ø d'outil maximal : 60,5 mm *(82.382")* – Longueur maximale de l'outil : 200 mm *(7.874")*	
SF-60200-C160C190: Commande et Réf. N°. 02885396 – Position horizontale – Premier choix pour un Ø inférieur à 60 mm *(2.362")* – 2 comparateurs – Ø d'outil maximal : 60,5 mm *(82.382")* – Longueur maximale de l'outil : 200 mm *(7.874")*	

Pour plus d'informations sur les modalités de commande, contactez votre interlocuteur Seco Tools.

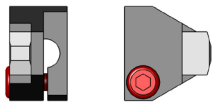
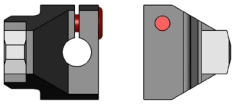
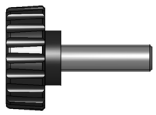
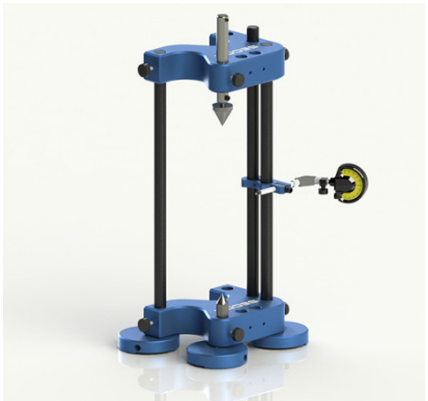
Renvoi d'angle supplémentaire

	**SFB-60 : Commande et Réf. N°. 02208619** – Renvoi d'angle 60° – Comparateur inclus dans la livraison – Palpeur non inclus, voir page 478
	**SFB-60 WC : Commande et Réf. N°. 02885754** – - Renvoi d'angle 60° – - Comparateur non inclus dans la livraison – - Palpeur non inclus, voir page 478
	**SFB-90 : Commande et Réf. N°. 02208622** – Renvoi d'angle 90° – Comparateur inclus dans la livraison – Palpeur non inclus, voir page 478
	**SFB-90 WC : Commande et Réf. N°. 02885755** – Renvoi d'angle 90° – Comparateur non inclus dans la livraison – Palpeur non inclus, voir page 478
	**DG-1 : Commande et Réf. N°. 75079579** – Comparateur, 1 µm *(39 µin)*

Exemples d'assemblage de bancs de réglage

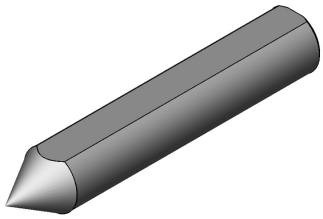
Accessoires

	**SMES-406 : Commande et Réf. N°. 02819156** – Touche de palpage pour alésoirs Xfix – Ø 4 mm *(0.157")* – Touche en carbure
	**SMES-900 : Commande et Réf. N°. 02208610** – Touche de palpage pour alésoirs Bifix – Touche en carbure
	**SMES-909 : Commande et réf. n° 02980090** – Touche de palpage pour alésoirs Bifix – Touche en carbure – Décalage 9 mm *(0.354")*
	**SFHS-20 : Commande et Réf. N°. 02884025** – Vis moletée – Convient pour toute la gamme de bancs de réglage
 	**SFVST- 100 : Commande et Réf. N°. 02884026** – Piétage (jeu de 3) – Ø 100 mm *(3.937")* – Destiné à convertir 1 banc de réglage horizontal en banc vertical

Points de centre

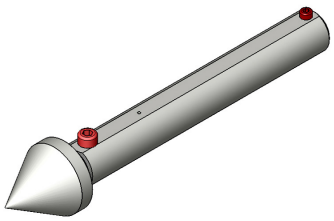
SFC-2000HM : Commande et Réf. N°. 02884023

– Point de centre fixe carbure monobloc
– Ø 20 mm *(0.787")*
– Convient à la gamme standard et spéciale Xfix et Bifix
– Utilisation à l'avant de l'outil



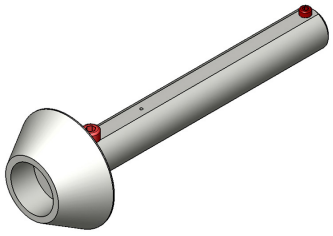
SSC-3400 : Commande et Réf. N°. 02208617

– Contrepointe à ressort
– Ø 34 mm *(1.339")*
– Convient à la gamme standard et spéciale Xfix et Bifix
– Utilisation à l'arrière de l'outil
– Ne convient pas pour HSK63/80/100 et Capto C8



SSC5700 : Commande et Réf. N°. 02208620

– Contrepointe tronquée à ressort
– Ø 57 mm *(2.244")*
– Convient à la gamme standard et spéciale Xfix et Bifix
– Utilisation à l'arrière de l'outil
– Convient pour HSK63/80/100 et Capto C8



Vue d'ensemble

Graflex® et Seco-Capto™

Attachements, rallonges et réducteurs Graflex® et Seco-Capto™ pour constituer des barres d'alésage




Page(s) 482-531

- Les ensembles de barres d'alésage peuvent être rapidement composés pour répondre aux besoins, par l'utilisation de systèmes modulaires Graflex ou Seco-Capto, incluant une large gamme d'extensions et d'intermédiaires.
- Les deux systèmes offrent une connexion rigide et précise pour les applications d'ébauche ou de finition de trous.
- Les attachements peuvent également être équipés d'un grand nombre de porte-outils tels que : mandrins à pinces, mandrins hydrauliques, etc. (voir catalogue Systèmes d'attachements).

Têtes à aléser d'ébauche RB750

Têtes à aléser d'ébauche avec réglage simultané des porte-plaquettes




Page(s) 541-547

- Débit copeaux élevé, géométrie et position du trou précises
- Positionnement symétrique ou décalé
- Réglage simultané par un mécanisme d'accouplement de porte-plaquettes
- Avec des connexions Graflex® ou Seco-Capto™

Plage de Ø 18 à 205 mm
(0.709 à 8.071")

IT 9/10

Têtes à aléser d'ébauche RB 610

Têtes à deux porte-plaquettes





Page(s) 553-556

- Débit copeaux élevé, géométrie et position du trou précises
- Positionnement symétriques ou décalés
- Avec connexion Graflex® pour système modulaire Graflex®
- Avec connexion GL ou BA pour barres antivibratoires Steadyline®

Plage de Ø 28 mm à 116 mm
(1.102 à 4.567")

IT 9/10

Têtes à aléser FB 760, type AxiaBore™, alésage de finition

Têtes à aléser de finition, avec outils axiaux




Page(s) 565-580

- Réglage micrométrique pour une précision de trou jusqu'à IT5
- Rigidité d'outil élevée pour une géométrie et une position de trou précises
- Tête Nanobore™ pour les petits diamètres
- Axialibrabore™ et Axialibrabore™ Plus avec équilibrage fin, adaptées UGV/HSM
- Adaptateur pour travaux multiples (MPA) pour les alésages de grands diamètres, tournage extérieur et rainurage
- Avec connexions Graflex® ou Seco-Capto™

Plage de Ø 0,3 à 108 mm
(0.012 à 4.252")

+ tournage extérieur et gorge frontale

IT 5/6

Vue d'ensemble

Têtes à aléser FB 620, FB 780 et FB 790, type radial		
Têtes à aléser de finition, avec porte-plaquette radial  Page(s) 599-607	• Réglage micrométrique pour une précision de trou jusqu'à IT5 • Une géométrie et une position de trou précises • Des têtes Libraflex® A790 avec équilibrage fin, avec porte-outils adaptés UGV et serrage du porte-plaquettes pour une plus haute fiabilité • Longs trous réalisables jusqu'à 7 x D en utilisant des rallonges « carbure » ou des barres Steadyline® (jusqu'à 10 x D) • Également pour le chanfreinage et le perçage par l'arrière • Avec connexions Graflex® ou Seco-Capto™ pour systèmes modulaires • Avec connexions GL ou BA pour les barres antivibratoires Steadyline®	Plage de Ø 15 à 205 mm *(0.591 à 8.071")* IT 5/6
Semelles et têtes à aléser Jumbo		
Pour l'ébauche et la finition de grands diamètres  Page(s) 609-626	• Blocs coulissants disponibles pour l'alésage d'ébauche et de finition, tournage extérieur et alésage en tirant • Conception robuste pour une capacité d'enlèvement de copeaux élevée en alésage d'ébauche • Réglage micrométrique pour l'alésage de finition • L'optimisation de la conception des blocs d'alésage et des porte-semelles Jumbo, fabriqués en aluminium de haute résistance, permet d'usiner avec des vitesses élevées • À monter sur porte-fraises, type montage sur flasque	Gamme Ø de 204 à 3 205 mm *(8.031-126.181")* IT 5/6 (alésage de finition) ou 9/10 (alésage d'ébauche) + tournage de diamètre extérieur IT6
Plaquettes pour l'alésage		
 Page(s) 628-640	• Pour l'alésage dans toutes les matières. • Haute ténacité pour l'alésage d'ébauche. • Géométries positives pour l'alésage de finition. • Nuances sélectionnées pour une durée de vie élevée.	
Système de porte-outils modulaire Graflex® ou Seco-Capto™		
 Page(s) 641-642	• Toutes les têtes à aléser disposent des attachements Graflex® ou Seco-Capto™ permettant d'obtenir une gamme complète de profondeurs et de diamètres d'alésage • Sélectionner les arbres et rallonges Graflex® ou Seco-Capto™ dans le catalogue Systèmes d'attachements (HSK, DIN, BT, ANSI-CAT, Seco-Capto™) • Des accessoires avec connexions Graflex® pour têtes à aléser sont présentés dans ce chapitre	

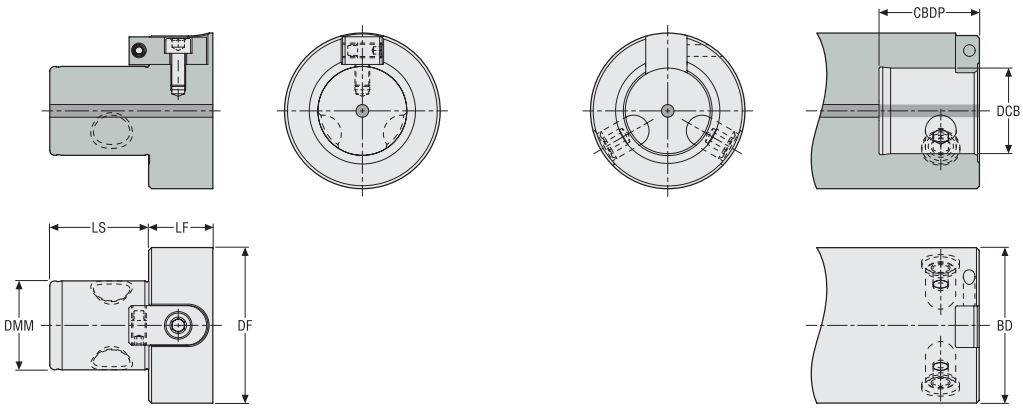


Graflex®

Les assemblages Graflex® comprennent des attachements, des intermédiaires, des porte-outils et des têtes à aléser pouvant être assemblés rapidement en cas de besoin. Adaptés au fraisage, au perçage, au taraudage et à l'alésage, les attachements Graflex® offrent des solutions d'outillage de longueurs et de diamètres variables. Ils peuvent être montés sur tous les types de machine simplement en remplaçant le module Graflex® de base.

- Excellente rigidité de la connexion
- Une large gamme de modules offre une grande flexibilité
- Arrosage central possible

Graflex®, dimensions selon norme



Cône	Logement puce RFID*	DF	DMM	LS	LF
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*
G0	Non	16 *0.630*	8 *0.315*	12 *0.472*	8 *0.315*
G1	Non	20 *0.787*	11 *0.433*	13 *0.512*	9,5 *0.374*
G2	Non	25 *0.984*	14 *0.551*	16 *0.630*	11 *0.433*
G3	Non	32 *1.260*	18 *0.709*	20 *0.787*	14 *0.551*
G4	Non	40 *1.575*	22 *0.866*	24 *0.945*	17 *0.669*
G5	Non	50 *1.969*	28 *1.102*	30 *1.181*	20 *0.787*
G6	Non	63 *2.480*	36 *1.417*	40 *1.575*	26 *1.024*
G7	Non	90 *3.543*	46 *1.811*	50 *1.969*	26 *1.024*

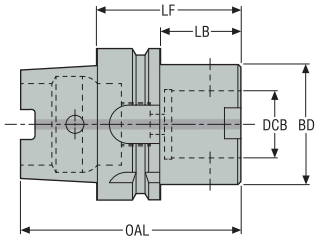
Côté pièce	Logement puce RFID*	CBDP	DCB	BD
		mm *Pouces*	mm *Pouces*	mm *Pouces*
G0	Non	16 *0.630*	8 *0.315*	12 *0.472*
G1	Non	20 *0.787*	11 *0.433*	13 *0.512*
G2	Non	25 *0.984*	14 *0.551*	16 *0.630*
G3	Non	32 *1.260*	18 *0.709*	20 *0.787*
G4	Non	40 *1.575*	22 *0.866*	24 *0.945*
G5	Non	50 *1.969*	28 *1.102*	30 *1.181*
G6	Non	63 *2.480*	36 *1.417*	40 *1.575*
G7	Non	90 *3.543*	46 *1.811*	50 *1.969*

Remarque : Les dimensions à la norme sont applicables à tous les porte-outils indiqués dans les pages “Produits”.
* * Pas de logement pour puces RFID

G 401 – Attachements Graflex®

HSK-A/ ISO12164-1-HSK-A

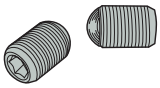




—Pour les bouchons d'étanchéité HSK, les tubes d'arrosage et les tubes d'étanchéité, voir page(s) 507

Références	Numéro de produit	CTMS	CTWS	DCB mm Pouces	LF mm Pouces	LB mm Pouces	BD mm Pouces	OAL mm Pouces	Logt RFID	Equili-brage	Poids kg lbs
EM93034012870	00086917	HSK-A50	G5	28,0 1.102	70,0 2.756	44,0 1.732	50,0 1.969	95,0 3.740	1	PB	0,9 1.980
EM93044011445	02469722	HSK-A63	G2	14,0 0.551	45,0 1.772	19,0 0.748	25,0 0.984	77,0 3.031	1	G6.3	0,69 1.520
EM93044011850	00086918	HSK-A63	G3	18,0 0.709	50,0 1.969	24,0 0.945	32,0 1.260	82,0 3.228	1	G6.3	0,8 1.760
EM93044012255	00088217	HSK-A63	G4	22,0 0.866	55,0 2.165	29,0 1.142	40,0 1.575	87,0 3.425	1	G6.3	0,9 1.980
EM93044012860	00086920	HSK-A63	G5	28,0 1.102	60,0 2.362	34,0 1.339	50,0 1.969	92,0 3.622	1	PB	1,0 2.200
EM930440128100	00086921	HSK-A63	G5	28,0 1.102	100,0 3.937	74,0 2.913	50,0 1.969	132,0 5.197	1	PB	1,6 3.530
EM930440128140	00086922	HSK-A63	G5	28,0 1.102	140,0 5.512	114,0 4.488	50,0 1.969	172,0 6.772	1	PB	2,18 4.810
EM93044013670	00086923	HSK-A63	G6	36,0 1.417	70,0 2.756	44,0 1.732	63,0 2.480	102,0 4.016	1	PB	1,3 2.870
EM930440136120	00086924	HSK-A63	G6	36,0 1.417	120,0 4.724	94,0 3.701	63,0 2.480	152,0 5.984	1	PB	2,38 5.250
EM93064011855	00086925	HSK-A100	G3	18,0 0.709	55,0 2.165	26,0 1.024	32,0 1.260	105,0 4.134	1	G6.3	2,2 4.850
EM93064012260	00086926	HSK-A100	G4	22,0 0.866	60,0 2.362	31,0 1.220	40,0 1.575	110,0 4.331	1	G6.3	2,3 5.070
EM93064012865	00086927	HSK-A100	G5	28,0 1.102	65,0 2.559	36,0 1.417	50,0 1.969	115,0 4.528	1	PB	2,4 5.290
EM930640128110	00086928	HSK-A100	G5	28,0 1.102	110,0 4.331	81,0 3.189	50,0 1.969	160,0 6.299	1	PB	3,1 6.830
EM930640128150	00086929	HSK-A100	G5	28,0 1.102	150,0 5.906	121,0 4.764	50,0 1.969	200,0 7.874	1	PB	3,7 8.160
EM93064013675	00083432	HSK-A100	G6	36,0 1.417	75,0 2.953	46,0 1.811	63,0 2.480	125,0 4.921	1	PB	2,8 6.170
EM930640136120	00086931	HSK-A100	G6	36,0 1.417	120,0 4.724	91,0 3.583	63,0 2.480	170,0 6.693	1	PB	3,9 8.600
EM930640136160	00086932	HSK-A100	G6	36,0 1.417	160,0 6.299	131,0 5.157	63,0 2.480	210,0 8.268	1	PB	4,8 10.580
EM93064014685	00074385	HSK-A100	G7	46,0 1.811	85,0 3.346	56,0 2.205	90,0 3.543	135,0 5.315	1	PB	4,0 8.820
EM930640146160	00086933	HSK-A100	G7	46,0 1.811	160,0 6.299	131,0 5.157	90,0 3.543	210,0 8.268	1	PB	7,67 16.910
HSKA125-G6-120	03229653	HSK-A125	G6	36,0 1.417	120,0 4.724	91,0 3.583	63,0 2.480	183,0 7.205	1	PB	5,1 11.240
HSKA125-G7-120	03229654	HSK-A125	G7	46,0 1.811	120,0 4.724	91,0 3.583	90,0 3.543	183,0 7.205	1	PB	7,1 15.650

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de montage
	
G2	90F2
G3	90F3
G4	90F4
G5	90F5
G6	90F6
G7	90F7

Accessoires

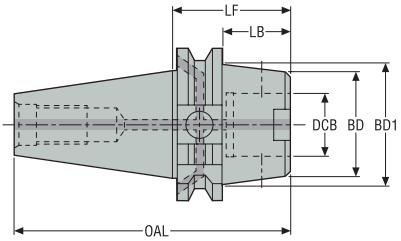
Pour taille	Clé
	
G2	03H025
G3	03H03
G4	03H04
G5	03H05
G6	03H06
G7	03H10

G 401 – Attachements Graflex®

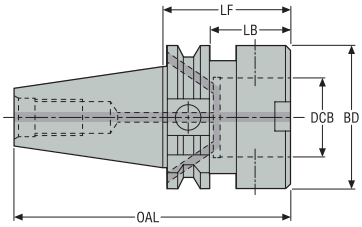
SA/SK/DIN 69871-ADB



Version 1

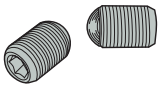


Version 2



Références	Numéro de produit	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Conception	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				kg *lbs*
EM34694011190	02503292	DIN40 ADB	G1	11,0 *0.433*	90,0 *3.543*	70,9 *2.791*	20,0 *0.787*	–	158,4 *6.236*	2	1	G6.3	1,0 *2.200*
EM34694011435	02469729	DIN40 ADB	G2	14,0 *0.551*	35,0 *1.378*	15,9 *0.626*	25,0 *0.984*	–	103,4 *4.071*	2	1	G6.3	0,83 *1.830*
EM34694011490	02503293	DIN40 ADB	G2	14,0 *0.551*	90,0 *3.543*	70,9 *2.791*	25,0 *0.984*	–	158,4 *6.236*	2	1	G6.3	1,1 *2.430*
EM34694011835	02420097	DIN40 ADB	G3	18,0 *0.709*	35,0 *1.378*	15,9 *0.626*	32,0 *1.260*	50,0 *1.969*	103,4 *4.071*	1	1	G6.3	1,0 *2.200*
EM346940118100	02503298	DIN40 ADB	G3	18,0 *0.709*	100,0 *3.937*	80,9 *3.185*	32,0 *1.260*	–	168,4 *6.630*	2	1	G6.3	1,22 *2.690*
EM34694012235	02503299	DIN40 ADB	G4	22,0 *0.866*	35,0 *1.378*	15,9 *0.626*	40,0 *1.575*	50,0 *1.969*	103,4 *4.071*	1	1	G6.3	0,92 *2.030*
EM346940122100	02503300	DIN40 ADB	G4	22,0 *0.866*	100,0 *3.937*	80,9 *3.185*	40,0 *1.575*	–	168,4 *6.630*	2	1	G6.3	1,5 *3.310*
EM34694012840	02458421	DIN40 ADB	G5	28,0 *1.102*	40,0 *1.575*	20,9 *0.823*	50,0 *1.969*	–	108,4 *4.268*	2	1	PB	1,0 *2.200*
EM34694012880	02503301	DIN40 ADB	G5	28,0 *1.102*	80,0 *3.150*	60,9 *2.398*	50,0 *1.969*	–	148,4 *5.843*	2	1	PB	1,5 *3.310*
EM346940128120	02503302	DIN40 ADB	G5	28,0 *1.102*	120,0 *4.724*	100,9 *3.972*	50,0 *1.969*	–	188,4 *7.417*	2	1	PB	2,1 *4.630*
EM34694013660	02503303	DIN40 ADB	G6	36,0 *1.417*	60,0 *2.362*	40,9 *1.610*	63,0 *2.480*	–	128,4 *5.055*	2	1	PB	1,3 *2.870*
EM346940136120	02503304	DIN40 ADB	G6	36,0 *1.417*	120,0 *4.724*	100,9 *3.972*	63,0 *2.480*	–	188,4 *7.417*	2	1	PB	2,7 *5.950*
EM347140114100	02503306	DIN50 ADB	G2	14,0 *0.551*	100,0 *3.937*	80,9 *3.185*	25,0 *0.984*	–	201,7 *7.941*	2	1	G6.3	2,9 *6.390*
EM34714011835	02503307	DIN50 ADB	G3	18,0 *0.709*	35,0 *1.378*	15,9 *0.626*	32,0 *1.260*	–	136,7 *5.382*	2	1	G6.3	2,67 *5.890*
EM347140118110	02503308	DIN50 ADB	G3	18,0 *0.709*	110,0 *4.331*	90,9 *3.579*	32,0 *1.260*	–	211,7 *8.335*	2	1	G6.3	3,1 *6.830*
EM34714012235	02503309	DIN50 ADB	G4	22,0 *0.866*	35,0 *1.378*	15,9 *0.626*	40,0 *1.575*	80,0 *3.150*	136,7 *5.382*	1	1	G6.3	2,88 *6.350*
EM347140122120	02503311	DIN50 ADB	G4	22,0 *0.866*	120,0 *4.724*	100,9 *3.972*	40,0 *1.575*	–	221,7 *8.728*	2	1	G6.3	3,4 *7.500*
EM34714012840	02503312	DIN50 ADB	G5	28,0 *1.102*	40,0 *1.575*	20,9 *0.823*	50,0 *1.969*	–	141,7 *5.579*	2	1	PB	2,75 *6.060*
EM347140128100	02503315	DIN50 ADB	G5	28,0 *1.102*	100,0 *3.937*	80,9 *3.185*	50,0 *1.969*	–	201,7 *7.941*	2	1	PB	3,56 *7.850*
EM347140128140	02503316	DIN50 ADB	G5	28,0 *1.102*	140,0 *5.512*	120,9 *4.760*	50,0 *1.969*	–	241,7 *9.516*	2	1	PB	4,08 *8.990*
EM34714013645	02503317	DIN50 ADB	G6	36,0 *1.417*	45,0 *1.772*	25,9 *1.020*	63,0 *2.480*	–	146,7 *5.776*	2	1	PB	2,9 *6.390*
EM347140136100	02503318	DIN50 ADB	G6	36,0 *1.417*	100,0 *3.937*	80,9 *3.185*	63,0 *2.480*	–	201,7 *7.941*	2	1	PB	4,1 *9.040*
EM347140136140	02503319	DIN50 ADB	G6	36,0 *1.417*	140,0 *5.512*	120,9 *4.760*	63,0 *2.480*	–	241,7 *9.516*	2	1	PB	5,1 *11.240*
EM34714014650	02503320	DIN50 ADB	G7	46,0 *1.811*	50,0 *1.969*	30,9 *1.217*	90,0 *3.543*	–	151,7 *5.972*	2	1	PB	3,3 *7.280*
EM347140146120	02503321	DIN50 ADB	G7	46,0 *1.811*	120,0 *4.724*	100,9 *3.972*	90,0 *3.543*	–	221,7 *8.728*	2	1	PB	6,5 *14.330*
EM347140146200	02503324	DIN50 ADB	G7	46,0 *1.811*	200,0 *7.874*	180,9 *7.122*	90,0 *3.543*	–	301,7 *11.878*	2	1	PB	10,4 *22.930*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de montage	Vis d'étanchéité
		
DIN40/ G1	90F1	950A0406
DIN40/ G2	90F2	950A0406
DIN40/ G3	90F3	950A0406
DIN40/ G4	90F4	950A0406
DIN40/ G5	90F5	950A0406
DIN40/ G6	90F6	950A0406
DIN50/ G2	90F2	950A0606
DIN50/ G3	90F3	950A0606
DIN50/ G4	90F4	950A0606
DIN50/ G5	90F5	950A0606
DIN50/ G6	90F6	950A0606
DIN50/ G7	90F7	950A0606
EM34714014650	90F71	950A0606

Accessoires

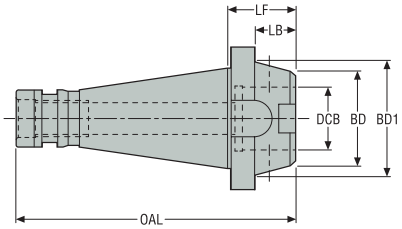
Pour taille	Clé
	
DIN40/ G1	03H02
DIN40/ G2	03H025
DIN40/ G3	03H03
DIN40/ G4	03H04
DIN40/ G5	03H05
DIN40/ G6	03H06
DIN50/ G2	03H025
DIN50/ G3	03H03
DIN50/ G4	03H04
DIN50/ G5	03H05
DIN50/ G6	03H06
DIN50/ G7	03H10
EM34714014650	03H10

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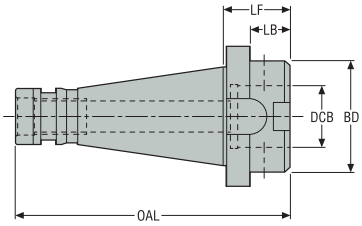
DIN 2080



Version 1

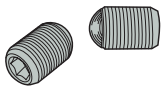


Version 2



Références	Numéro de produit	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Conception	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				kg *lbs*
EM00404013650	00076707	DIN(2080)40	G6	36,0 *1.417*	50,0 *1.969*	0,0 –	63,0 *2.480*	–	143,4 *5.646*	2	0	PB	1,3 *2.870*
EM00504012835	00076710	DIN(2080)50	G5	28,0 *1.102*	35,0 *1.378*	19,8 *0.780*	50,0 *1.969*	78,0 *3.071*	161,8 *6.370*	1	0	PB	2,94 *6.480*
EM00504013640	00076714	DIN(2080)50	G6	36,0 *1.417*	40,0 *1.575*	24,8 *0.976*	63,0 *2.480*	–	166,8 *6.567*	2	0	PB	2,9 *6.390*
EM00504014645	00076718	DIN(2080)50	G7	46,0 *1.811*	45,0 *1.772*	29,8 *1.173*	90,0 *3.543*	–	171,8 *6.764*	2	0	PB	3,34 *7.360*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de montage
	
G5	90F5
G6	90F6
G7	90F7

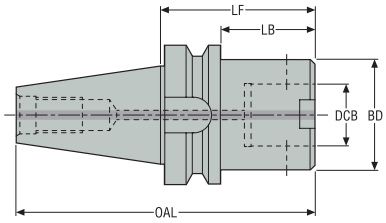
Accessoires

Pour taille	Clé
	
G5	03H05
G6	03H06
G7	03H10

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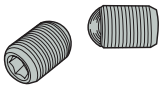
BT JIS B 6339-AD





Références	Numéro de produit	CTMS	CTWS	DCB	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
EM40404011835	00056699	BT30 AD	G3	18,0 *0.709*	35,0 *1.378*	13,0 *0.512*	32,0 *1.260*	83,4 *3.283*	0	G6.3	0,5 *1.100*
EM40404012850	00056705	BT30 AD	G5	28,0 *1.102*	50,0 *1.969*	25,0 *0.984*	50,0 *1.969*	98,4 *3.874*	0	PB	0,7 *1.540*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de montage
	
EM40404011835	90F3
EM40404012850	90F5

Accessoires

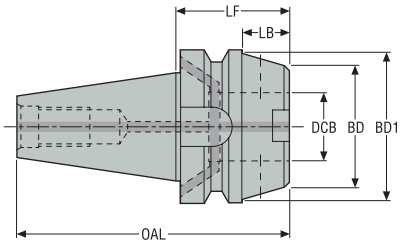
Pour taille	Clé
	
EM40404011835	03H03
EM40404012850	03H05

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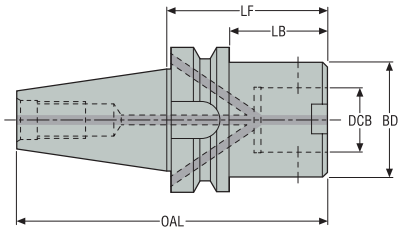
BT JIS B 6339-ADB



Version 1

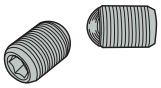


Version 2



Références	Numéro de produit	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Conception	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				kg *lbs*
EM34144011190	02503364	BT40 ADB	G1	11,0 *0.433*	90,0 *3.543*	63,0 *2.480*	20,0 *0.787*	–	155,4 *6.118*	2	1	G6.3	1,1 *2.430*
EM34144011440	02469725	BT40 ADB	G2	14,0 *0.551*	40,0 *1.575*	13,0 *0.512*	25,0 *0.984*	–	105,4 *4.150*	2	1	G6.3	0,98 *2.160*
EM34144011490	02503365	BT40 ADB	G2	14,0 *0.551*	90,0 *3.543*	63,0 *2.480*	25,0 *0.984*	–	155,4 *6.118*	2	1	G6.3	1,2 *2.650*
EM34144011840	02503366	BT40 ADB	G3	18,0 *0.709*	40,0 *1.575*	13,0 *0.512*	32,0 *1.260*	62,0 *2.441*	105,4 *4.150*	1	1	G6.3	1,07 *2.360*
EM341440118100	02503367	BT40 ADB	G3	18,0 *0.709*	100,0 *3.937*	73,0 *2.874*	32,0 *1.260*	–	165,4 *6.512*	2	1	G6.3	1,31 *2.890*
EM34144012245	02503368	BT40 ADB	G4	22,0 *0.866*	45,0 *1.772*	18,0 *0.709*	40,0 *1.575*	62,0 *2.441*	110,4 *4.346*	1	1	G6.3	1,2 *2.650*
EM341440122100	02503370	BT40 ADB	G4	22,0 *0.866*	100,0 *3.937*	73,0 *2.874*	40,0 *1.575*	–	165,4 *6.512*	2	1	G6.3	1,6 *3.530*
EM34144012845	02457989	BT40 ADB	G5	28,0 *1.102*	45,0 *1.772*	18,0 *0.709*	50,0 *1.969*	62,0 *2.441*	110,4 *4.346*	1	1	PB	1,2 *2.650*
EM34144012880	02503371	BT40 ADB	G5	28,0 *1.102*	80,0 *3.150*	53,0 *2.087*	50,0 *1.969*	–	145,4 *5.724*	2	1	PB	1,6 *3.530*
EM341440128120	02503372	BT40 ADB	G5	28,0 *1.102*	120,0 *4.724*	93,0 *3.661*	50,0 *1.969*	–	185,4 *7.299*	2	1	PB	2,2 *4.850*
EM34144013650	02503373	BT40 ADB	G6	36,0 *1.417*	50,0 *1.969*	0,0 –	63,0 *2.480*	–	115,4 *4.543*	2	0	PB	1,2 *2.650*
EM341440136120	02503374	BT40 ADB	G6	36,0 *1.417*	120,0 *4.724*	0,0 –	63,0 *2.480*	–	185,4 *7.299*	2	1	PB	2,8 *6.170*
EM341640114110	02503375	BT50 ADB	G2	14,0 *0.551*	110,0 *4.331*	72,0 *2.835*	25,0 *0.984*	–	211,8 *8.339*	2	1	G6.3	3,8 *8.380*
EM34164011845	02503376	BT50 ADB	G3	18,0 *0.709*	45,0 *1.772*	7,0 *0.276*	32,0 *1.260*	70,0 *2.756*	146,8 *5.780*	1	1	G6.3	3,6 *7.940*
EM341640118120	02503377	BT50 ADB	G3	18,0 *0.709*	120,0 *4.724*	82,0 *3.228*	32,0 *1.260*	–	221,8 *8.732*	2	1	G6.3	4,0 *8.820*
EM34164012250	02503378	BT50 ADB	G4	22,0 *0.866*	50,0 *1.969*	12,0 *0.472*	40,0 *1.575*	70,0 *2.756*	151,8 *5.976*	1	1	G6.3	3,7 *8.160*
EM341640122140	02503379	BT50 ADB	G4	22,0 *0.866*	140,0 *5.512*	102,0 *4.016*	40,0 *1.575*	–	241,8 *9.520*	2	1	G6.3	4,4 *9.700*
EM34164012855	02503380	BT50 ADB	G5	28,0 *1.102*	55,0 *2.165*	17,0 *0.669*	50,0 *1.969*	98,0 *3.858*	156,8 *6.173*	1	1	PB	4,0 *8.820*
EM341640128100	02503381	BT50 ADB	G5	28,0 *1.102*	100,0 *3.937*	62,0 *2.441*	50,0 *1.969*	–	201,8 *7.945*	2	1	PB	4,3 *9.480*
EM341640128140	02503382	BT50 ADB	G5	28,0 *1.102*	140,0 *5.512*	102,0 *4.016*	50,0 *1.969*	–	241,8 *9.520*	2	1	PB	4,9 *10.800*
EM34164013663	02503383	BT50 ADB	G6	36,0 *1.417*	63,0 *2.480*	25,0 *0.984*	63,0 *2.480*	98,0 *3.858*	164,8 *6.488*	1	1	PB	4,3 *9.480*
EM341640136100	02503384	BT50 ADB	G6	36,0 *1.417*	100,0 *3.937*	62,0 *2.441*	63,0 *2.480*	–	201,8 *7.945*	2	1	PB	4,7 *10.360*
EM341640136140	02503385	BT50 ADB	G6	36,0 *1.417*	140,0 *5.512*	102,0 *4.016*	63,0 *2.480*	–	241,8 *9.520*	2	1	PB	5,6 *12.350*
EM34164014665	02503386	BT50 ADB	G7	46,0 *1.811*	65,0 *2.559*	27,0 *1.063*	90,0 *3.543*	98,0 *3.858*	166,8 *6.567*	1	1	PB	4,4 *9.700*
EM341640146120	02503387	BT50 ADB	G7	46,0 *1.811*	120,0 *4.724*	82,0 *3.228*	90,0 *3.543*	–	221,8 *8.732*	2	1	PB	6,9 *15.210*
EM341640146200	02503388	BT50 ADB	G7	46,0 *1.811*	200,0 *7.874*	162,0 *6.378*	90,0 *3.543*	–	301,8 *11.882*	2	1	PB	10,7 *23.590*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de montage	Vis d'étanchéité
		
BT40/ G1	90F1	950A0406
BT40/ G2	90F2	950A0406
BT40/ G3	90F3	950A0406
BT40/ G4	90F4	950A0406
BT40/ G5	90F5	950A0406
BT40/ G6	90F6	950A0406
BT50/ G2	90F2	950A0606
BT50/ G3	90F3	950A0606
BT50/ G4	90F4	950A0606
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Accessoires

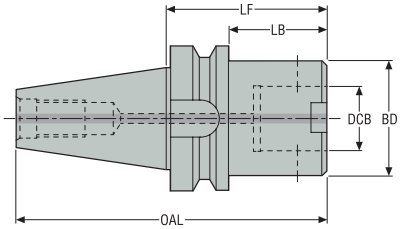
Pour taille	Clé
	
BT40/ G1	03H02
BT40/ G2	03H025
BT40/ G3	03H03
BT40/ G4	03H04
BT40/ G5	03H05
BT40/ G6	03H06
BT50/ G2	03H025
BT50/ G3	03H03
BT50/ G4	03H04
BT50/ G5	03H05
BT50/ G6	03H06
BT50/ G7	03H10

G 401 – Attachements Graflex®

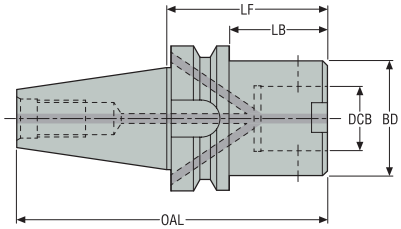
BT Cône-face-AD/ADB



Version 1

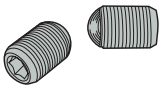


Version 2



Références	Numéro de produit	CTMS	CTWS	DCB	LF	LB	BD	OAL	Conception	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				kg *lbs*
EM40024011850	02998757	BT30 TF AD	G3	18,0 *0.709*	50,0 *1.969*	28,0 *1.102*	32,0 *1.260*	98,4 *3.874*	1	0	G6.3	0,6 *1.320*
EM40024012250	02998758	BT30 TF AD	G4	22,0 *0.866*	50,0 *1.969*	28,0 *1.102*	40,0 *1.575*	98,4 *3.874*	1	0	G6.3	0,6 *1.320*
EM321440122100	02998754	BT40 TF ADB	G4	22,0 *0.866*	100,0 *3.937*	73,0 *2.874*	40,0 *1.575*	165,4 *6.512*	2	1	G6.3	1,6 *3.530*
EM321440128120	02926006	BT40 TF ADB	G5	28,0 *1.102*	120,0 *4.724*	93,0 *3.661*	50,0 *1.969*	185,4 *7.299*	2	1	PB	2,2 *4.850*
EM321440136120	02998755	BT40 TF ADB	G6	36,0 *1.417*	120,0 *4.724*	93,0 *3.661*	63,0 *2.480*	185,4 *7.299*	2	1	PB	2,8 *6.170*
EM321640128140	02998756	BT50 TF ADB	G5	28,0 *1.102*	140,0 *5.512*	102,0 *4.016*	50,0 *1.969*	241,8 *9.520*	2	1	PB	4,9 *10.800*
EM321640136140	02926009	BT50 TF ADB	G6	36,0 *1.417*	140,0 *5.512*	102,0 *4.016*	63,0 *2.480*	241,8 *9.520*	2	1	PB	5,6 *12.350*
EM321640146200	02926010	BT50 TF ADB	G7	46,0 *1.811*	200,0 *7.874*	162,0 *6.378*	90,0 *3.543*	301,8 *11.882*	2	1	PB	10,8 *23.810*

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage	Vis d'étanchéité
		
EM321440122100	90F4	950A0406
EM321440128120	90F5	950A0406
EM321440136120	90F6	950A0406
EM321640128140	90F5	950A0606
EM321640136140	90F6	950A0606
EM321640146200	90F7	950A0606
EM40024011850	90F3	–
EM40024012250	90F4	–

Accessoires

Clé

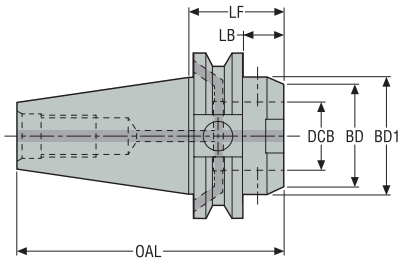
03H03
03H04
03H04
03H05
03H06
03H05
03H06
03H10

G 401 – Attachements Graflex®

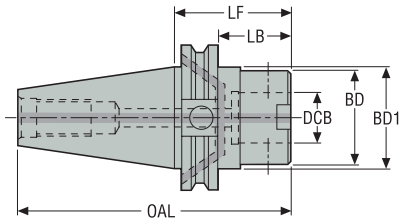
CAT / ASME B5.50-1994-ADB



Version 1

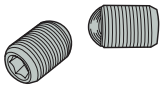


Version 2



Références	Numéro de produit	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Conception	Logt RFID	Equili-brage	Poids
				Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*				lbs
EM25024011435	02469734	CAT40 ADB	G2	0.551	1.380	0.630	0.984	1.750	4.070	1	1	G6.3	2.120
EM25024011835	00056660	CAT40 ADB	G3	0.709	1.380	0.630	1.260	1.750	4.070	1	1	G6.3	2.200
EM25024012235	00056661	CAT40 ADB	G4	0.866	1.380	0.630	1.575	1.750	4.070	1	1	G6.3	1.980
EM25024012840	00056663	CAT40 ADB	G5	1.102	1.570	0.820	1.969	1.750	4.270	2	1	PB	1.980
EM250240128100	00056662	CAT40 ADB	G5	1.102	3.940	3.190	1.969	1.750	7.420	2	1	PB	3.970
EM25024013660	00056665	CAT40 ADB	G6	1.417	2.360	1.610	2.480	1.750	5.060	2	1	PB	2.870
EM25044011835	00056666	CAT50 ADB	G3	0.709	1.380	0.630	1.260	2.750	5.380	1	1	G6.3	6.720
EM25044012235	00056667	CAT50 ADB	G4	0.866	1.380	0.630	1.575	2.750	5.380	1	1	G6.3	6.610
EM25044012840	00056669	CAT50 ADB	G5	1.102	1.570	0.820	1.969	2.750	5.580	2	1	PB	6.610
EM250440128100	00056668	CAT50 ADB	G5	1.102	3.940	3.190	1.969	2.750	7.940	2	1	PB	8.380
EM25044013645	00056671	CAT50 ADB	G6	1.417	1.770	1.020	2.480	2.750	5.780	1	1	PB	6.610
EM250440136120	00056670	CAT50 ADB	G6	1.417	4.720	3.970	2.480	2.750	9.520	1	1	PB	10.360
EM25044014665	00056675	CAT50 ADB	G7	1.811	2.560	1.810	3.543	2.750	5.970	2	1	PB	8.380
EM250440146120	00056673	CAT50 ADB	G7	1.811	4.720	3.970	3.543	2.750	8.730	2	1	PB	13.890
EM250440146200	00056674	CAT50 ADB	G7	1.811	7.870	7.120	3.543	2.750	11.880	2	1	PB	22.270

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de montage	Vis d'étanchéité
		
CAT40/ G2	90F2	950A0406
CAT40/ G3	90F3	950A0406
CAT40/ G4	90F4	950A0406
CAT40/ G5	90F5	950A0406
CAT40/ G6	90F6	950A0406
CAT50/ G3	90F3	950A0606
CAT50/ G4	90F4	950A0606
CAT50/ G5	90F5	950A0606
CAT50/ G6	90F6	950A0606
CAT50/ G7	90F7	950A0606

Accessoires

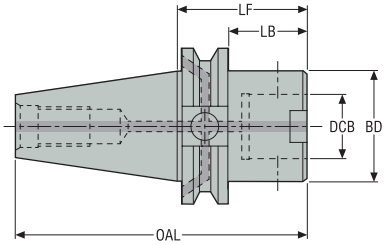
Clé

03H025
03H03
03H04
03H05
03H06
03H03
03H04
03H05
03H06
03H10

G 401 – Attachements Graflex®

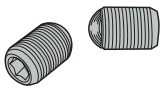
CAT TF / ASME B5.50-2009-ADB





Références	Numéro de produit	CTMS	CTWS	DCB	LF	LB	BD	OAL	Conception	Logt RFID	Equili-brage	Poids
				Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*				lbs
EM26424011880	02998750	CAT40 TF ADB	G3	0.709	3.150	2.398	1.260	5.843	2	1	G6.3	2.650
EM26424012280	02998751	CAT40 TF ADB	G4	0.866	3.150	2.398	1.575	5.843	2	1	G6.3	3.090
EM264240128100	02998752	CAT40 TF ADB	G5	1.102	3.937	3.185	1.969	6.630	2	1	PB	4.190
EM264240136100	02998753	CAT40 TF ADB	G6	1.417	3.937	3.185	2.480	6.630	2	1	PB	5.290
EM264440122100	02964322	CAT50 TF ADB	G4	0.866	3.937	3.185	1.575	7.943	2	1	G6.3	7.280
EM264440128100	02964323	CAT50 TF ADB	G5	1.102	3.937	3.185	1.969	7.943	2	1	PB	7.940
EM264440136120	02926850	CAT50 TF ADB	G6	1.417	4.724	3.972	2.480	8.732	1	1	PB	10.140
EM264440146200	02926851	CAT50 TF ADB	G7	1.811	7.874	7.122	3.543	11.880	2	1	PB	22.710

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de montage	Vis d'étanchéité
		
EM26424011880	90F3	950A0406
EM26424012280	90F4	950A0406
EM264240128100	90F5	950A0406
EM264240136100	90F6	950A0406
EM264440122100	90F4	950A0606
EM264440128100	90F5	950A0606
EM264440136120	90F6	950A0606
EM264440146200	90F7	950A0606

Accessoires

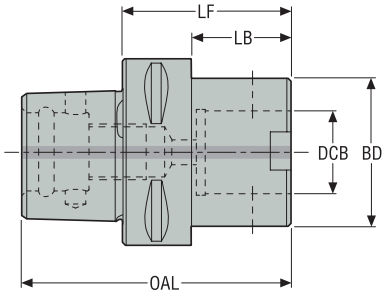
Clé

03H03
03H04
03H05
03H06
03H04
03H05
03H06
03H10

G 401 – Adaptateurs Graflex®

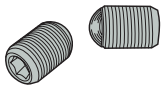
Seco-Capto™





Références	Numéro de produit	CTMS	CTWS	DCB	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
C3-391.0401-08025	02532939	C3	G0	8,0 *0.315*	25,0 *0.984*	7,0 *0.276*	16,0 *0.630*	44,0 *1.732*	0	G6.3	0,2 *0.440*
C3-391.0401-11025	02532940	C3	G1	11,0 *0.433*	25,0 *0.984*	7,0 *0.276*	20,0 *0.787*	44,0 *1.732*	0	G6.3	0,14 *0.310*
C3-391.0401-14025	02532941	C3	G2	14,0 *0.551*	25,0 *0.984*	7,0 *0.276*	25,0 *0.984*	44,0 *1.732*	0	G6.3	0,2 *0.440*
C3-391.0401-18030	02532942	C3	G3	18,0 *0.709*	30,0 *1.181*	0,0 –	32,0 *1.260*	49,0 *1.929*	0	G6.3	0,16 *0.350*
C4-391.0401-18035	02532943	C4	G3	18,0 *0.709*	35,0 *1.378*	12,0 *0.472*	32,0 *1.260*	59,0 *2.323*	0	G6.3	0,4 *0.880*
C4-391.0401-22035	02532944	C4	G4	22,0 *0.866*	35,0 *1.378*	0,0 –	40,0 *1.575*	59,0 *2.323*	0	G6.3	0,31 *0.680*
C5-391.0401-14030	02532945	C5	G2	14,0 *0.551*	30,0 *1.181*	7,0 *0.276*	25,0 *0.984*	60,0 *2.362*	1	G6.3	0,47 *1.040*
C5-391.0401-18035	02532947	C5	G3	18,0 *0.709*	35,0 *1.378*	12,0 *0.472*	32,0 *1.260*	65,0 *2.559*	1	G6.3	0,5 *1.100*
C5-391.0401-22035	02532948	C5	G4	22,0 *0.866*	35,0 *1.378*	12,0 *0.472*	40,0 *1.575*	65,0 *2.559*	1	G6.3	0,5 *1.100*
C5-391.0401-28045	02532949	C5	G5	28,0 *1.102*	45,0 *1.772*	22,0 *0.866*	50,0 *1.969*	75,0 *2.953*	1	PB	0,7 *1.540*
C6-391.0401-18035	02532950	C6	G3	18,0 *0.709*	35,0 *1.378*	10,0 *0.394*	32,0 *1.260*	73,0 *2.874*	1	G6.3	0,9 *1.980*
C6-391.0401-22040	02532951	C6	G4	22,0 *0.866*	40,0 *1.575*	15,0 *0.591*	40,0 *1.575*	78,0 *3.071*	1	G6.3	0,9 *1.980*
C6-391.0401-28050	02532952	C6	G5	28,0 *1.102*	50,0 *1.969*	25,0 *0.984*	50,0 *1.969*	88,0 *3.465*	1	PB	1,1 *2.430*
C6-391.0401-36055	02532953	C6	G6	36,0 *1.417*	55,0 *2.165*	0,0 –	63,0 *2.480*	93,0 *3.661*	1	PB	1,2 *2.650*
C8-391.0401-28050	02532954	C8	G5	28,0 *1.102*	50,0 *1.969*	17,0 *0.669*	50,0 *1.969*	98,0 *3.858*	1	PB	2,0 *4.410*
C8-391.0401-36055	02532955	C8	G6	36,0 *1.417*	55,0 *2.165*	22,0 *0.866*	63,0 *2.480*	103,0 *4.055*	1	PB	2,1 *4.630*
C8-391.0401-46065	02532956	C8	G7	46,0 *1.811*	65,0 *2.559*	35,0 *1.378*	90,0 *3.543*	113,0 *4.449*	1	PB	2,71 *5.970*

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage
	
G0	90F0
G1	90F1
G2	90F2
G3	90F3
G4	90F4
G5	90F5
G6	90F6
G7	90F7

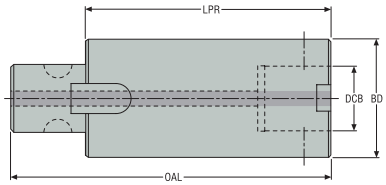
Accessoires

Pour taille	Clé
	
G0	03H02
G1	03H02
G2	03H025
G3	03H03
G4	03H04
G5	03H05
G6	03H06
G7	03H10

G 402 – Rallonges Graflex®

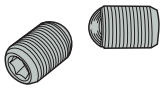
Graflex®





Références	Numéro de produit	CTMS	CTWS	DCB	LPR	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
M402000	00056752	G0	G0	8,0 *0.315*	30,0 *1.181*	16,0 *0.630*	42,0 *1.654*	0	PB	0,1 *0.220*
M402001	00056753	G0	G0	8,0 *0.315*	50,0 *1.969*	16,0 *0.630*	62,0 *2.441*	0	PB	0,1 *0.220*
M402110	00056754	G1	G1	11,0 *0.433*	30,0 *1.181*	20,0 *0.787*	43,0 *1.693*	0	PB	0,1 *0.220*
M402111	00056755	G1	G1	11,0 *0.433*	50,0 *1.969*	20,0 *0.787*	63,0 *2.480*	0	PB	0,2 *0.440*
M402220	00056756	G2	G2	14,0 *0.551*	30,0 *1.181*	25,0 *0.984*	46,0 *1.811*	0	PB	0,2 *0.440*
M402221	00056757	G2	G2	14,0 *0.551*	50,0 *1.969*	25,0 *0.984*	66,0 *2.598*	0	PB	0,2 *0.440*
M402330	00056758	G3	G3	18,0 *0.709*	40,0 *1.575*	32,0 *1.260*	60,0 *2.362*	0	PB	0,3 *0.660*
M402331	75056759	G3	G3	18,0 *0.709*	60,0 *2.362*	32,0 *1.260*	80,0 *3.150*	0	PB	0,4 *0.880*
M402440	00056760	G4	G4	22,0 *0.866*	40,0 *1.575*	40,0 *1.575*	64,0 *2.520*	0	PB	0,4 *0.880*
M402441	00056761	G4	G4	22,0 *0.866*	60,0 *2.362*	40,0 *1.575*	84,0 *3.307*	0	PB	0,6 *1.320*
M402444	02786252	G4	G4	22,0 *0.866*	200,0 *7.874*	40,0 *1.575*	224,0 *8.819*	0	PB	1,95 *4.300*
M402550	00056762	G5	G5	28,0 *1.102*	50,0 *1.969*	50,0 *1.969*	80,0 *3.150*	0	PB	0,8 *1.760*
M402551	00056763	G5	G5	28,0 *1.102*	75,0 *2.953*	50,0 *1.969*	105,0 *4.134*	0	PB	1,2 *2.650*
M402552	00056764	G5	G5	28,0 *1.102*	100,0 *3.937*	50,0 *1.969*	130,0 *5.118*	0	PB	1,5 *3.310*
M402554	02786254	G5	G5	28,0 *1.102*	250,0 *9.843*	50,0 *1.969*	280,0 *11.024*	0	PB	3,8 *8.380*
M402660	00056765	G6	G6	36,0 *1.417*	60,0 *2.362*	63,0 *2.480*	100,0 *3.937*	0	PB	1,4 *3.090*
M402661	00056766	G6	G6	36,0 *1.417*	90,0 *3.543*	63,0 *2.480*	130,0 *5.118*	0	PB	2,1 *4.630*
M402662	00056767	G6	G6	36,0 *1.417*	120,0 *4.724*	63,0 *2.480*	160,0 *6.299*	0	PB	2,9 *6.390*
M402664	02786255	G6	G6	36,0 *1.417*	300,0 *11.811*	63,0 *2.480*	340,0 *13.386*	0	PB	7,2 *15.870*
M402770	00056768	G7	G7	46,0 *1.811*	60,0 *2.362*	90,0 *3.543*	110,0 *4.331*	0	-	2,9 *6.390*
M402771	00056769	G7	G7	46,0 *1.811*	90,0 *3.543*	90,0 *3.543*	140,0 *5.512*	0	-	4,4 *9.700*
M402772	00056770	G7	G7	46,0 *1.811*	120,0 *4.724*	90,0 *3.543*	170,0 *6.693*	0	-	5,8 *12.790*
M402774	02786257	G7	G7	46,0 *1.811*	300,0 *11.811*	90,0 *3.543*	350,0 *13.780*	0	-	14,6 *32.190*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Tenon	Vis de montage
		
G0	90M0	90F0
G1	90M1	90F1
G2	90M2	90F2
G3	90M3	90F3
G4	90M4	90F4
G5	90M5	90F5
G6	90M6	90F6
G7	90M7	90F7

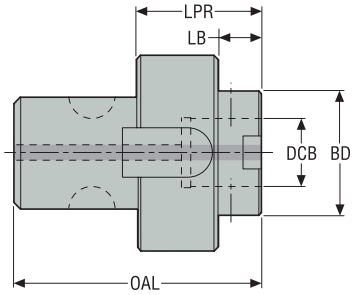
Accessoires

Pour taille	Clé
	
G0	03H02
G1	03H02
G2	03H025
G3	03H03
G4	03H04
G5	03H05
G6	03H06
G7	03H10

G 403 – Réducteurs Graflex®

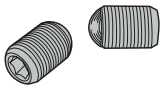
Graflex®





Références	Numéro de produit	CTMS	CTWS	DCB mm *Pouces*	LPR mm *Pouces*	LB mm *Pouces*	BD mm *Pouces*	OAL mm *Pouces*	Logt RFID	Equili-brage	Poids kg *lbs*
M40310	00056771	G1	G0	8,0 *0.315*	30,0 *1.181*	22,0 *0.866*	16,0 *0.630*	43,0 *1.693*	0	PB	0,1 *0.220*
M40320	00056772	G2	G0	8,0 *0.315*	30,0 *1.181*	19,0 *0.748*	16,0 *0.630*	46,0 *1.811*	0	PB	0,1 *0.220*
M40321	00056773	G2	G1	11,0 *0.433*	30,0 *1.181*	19,0 *0.748*	20,0 *0.787*	46,0 *1.811*	0	PB	0,1 *0.220*
M40330	00056774	G3	G0	8,0 *0.315*	30,0 *1.181*	16,0 *0.630*	16,0 *0.630*	50,0 *1.969*	0	PB	0,2 *0.440*
M40331	00056775	G3	G1	11,0 *0.433*	30,0 *1.181*	16,0 *0.630*	20,0 *0.787*	50,0 *1.969*	0	PB	0,15 *0.330*
M40332	00056776	G3	G2	14,0 *0.551*	30,0 *1.181*	16,0 *0.630*	25,0 *0.984*	50,0 *1.969*	0	PB	0,2 *0.440*
M40341	00056778	G4	G1	11,0 *0.433*	30,0 *1.181*	13,0 *0.512*	20,0 *0.787*	54,0 *2.126*	0	PB	0,25 *0.550*
M40342	00056779	G4	G2	14,0 *0.551*	30,0 *1.181*	13,0 *0.512*	25,0 *0.984*	54,0 *2.126*	0	PB	0,3 *0.660*
M40343	00056780	G4	G3	18,0 *0.709*	30,0 *1.181*	13,0 *0.512*	32,0 *1.260*	54,0 *2.126*	0	PB	0,3 *0.660*
M40350	00056781	G5	G0	8,0 *0.315*	40,0 *1.575*	20,0 *0.787*	16,0 *0.630*	70,0 *2.756*	0	PB	0,47 *1.040*
M40351	00056783	G5	G1	11,0 *0.433*	40,0 *1.575*	20,0 *0.787*	20,0 *0.787*	70,0 *2.756*	0	PB	0,5 *1.100*
M40352	00056785	G5	G2	14,0 *0.551*	40,0 *1.575*	20,0 *0.787*	25,0 *0.984*	70,0 *2.756*	0	PB	0,5 *1.100*
M40353	00056787	G5	G3	18,0 *0.709*	40,0 *1.575*	20,0 *0.787*	32,0 *1.260*	70,0 *2.756*	0	PB	0,6 *1.320*
M40354	00056789	G5	G4	22,0 *0.866*	40,0 *1.575*	20,0 *0.787*	40,0 *1.575*	70,0 *2.756*	0	PB	0,6 *1.320*
M40363	00056797	G6	G3	18,0 *0.709*	40,0 *1.575*	14,0 *0.551*	32,0 *1.260*	80,0 *3.150*	0	PB	1,0 *2.200*
M40364	00056799	G6	G4	22,0 *0.866*	40,0 *1.575*	14,0 *0.551*	40,0 *1.575*	80,0 *3.150*	0	PB	1,0 *2.200*
M40365	00056807	G6	G5	28,0 *1.102*	45,0 *1.772*	19,0 *0.748*	50,0 *1.969*	85,0 *3.346*	0	PB	1,1 *2.430*
M40375	00056811	G7	G5	28,0 *1.102*	50,0 *1.969*	24,0 *0.945*	50,0 *1.969*	100,0 *3.937*	0	-	2,1 *4.630*
M40376	00056812	G7	G6	36,0 *1.417*	55,0 *2.165*	29,0 *1.142*	63,0 *2.480*	105,0 *4.134*	0	-	2,3 *5.070*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Tenon	Vis de montage
		
M40310	90M1	90F0
M40320	90M2	90F0
M40321	90M2	90F1
M40330	90M3	90F0
M40331	90M3	90F1
M40332	90M3	90F2
M40341	90M4	90F1
M40342	90M4	90F2
M40343	90M4	90F3
M40350	90M5	90F0
M40351	90M5	90F1
M40352	90M5	90F2
M40353	90M5	90F3
M40354	90M5	90F4
M40363	90M6	90F3
M40364	90M6	90F4
M40365	90M6	90F5
M40375	90M7	90F5
M40376	90M7	90F6

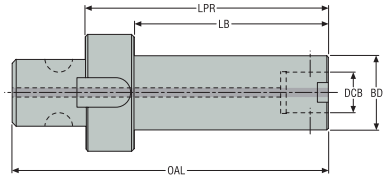
Accessoires

Pour taille	Clé
	
M40310	03H02
M40320	03H02
M40321	03H02
M40330	03H02
M40331	03H02
M40332	03H025
M40341	03H02
M40342	03H025
M40343	03H03
M40350	03H02
M40351	03H02
M40352	03H025
M40353	03H03
M40354	03H04
M40363	03H03
M40364	03H04
M40365	03H05
M40375	03H05
M40376	03H06

G 403 – Réducteurs longs Graflex®

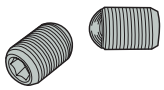
Graflex®





Références	Numéro de produit	CTMS	CTWS	DCB mm *Pouces*	LPR mm *Pouces*	LB mm *Pouces*	BD mm *Pouces*	OAL mm *Pouces*	Logt RFID	Equili-brage	Poids kg *lbs*
M40350070	00056782	G5	G0	8,0 *0.315*	70,0 *2.756*	50,0 *1.969*	16,0 *0.630*	100,0 *3.937*	0	PB	0,6 *1.320*
M40351080	00056784	G5	G1	11,0 *0.433*	80,0 *3.150*	60,0 *2.362*	20,0 *0.787*	110,0 *4.331*	0	PB	0,6 *1.320*
M40352100	00056786	G5	G2	14,0 *0.551*	100,0 *3.937*	80,0 *3.150*	25,0 *0.984*	130,0 *5.118*	0	PB	0,8 *1.760*
M40353120	00056788	G5	G3	18,0 *0.709*	120,0 *4.724*	100,0 *3.937*	32,0 *1.260*	150,0 *5.906*	0	PB	1,02 *2.250*
M40354150	00056790	G5	G4	22,0 *0.866*	150,0 *5.906*	130,0 *5.118*	40,0 *1.575*	180,0 *7.087*	0	PB	1,7 *3.750*
M40361090	00056794	G6	G1	11,0 *0.433*	90,0 *3.543*	64,0 *2.520*	20,0 *0.787*	130,0 *5.118*	0	PB	1,08 *2.380*
M40362110	00056796	G6	G2	14,0 *0.551*	110,0 *4.331*	84,0 *3.307*	25,0 *0.984*	150,0 *5.906*	0	PB	1,3 *2.870*
M40363120	00056798	G6	G3	18,0 *0.709*	120,0 *4.724*	94,0 *3.701*	32,0 *1.260*	160,0 *6.299*	0	PB	1,5 *3.310*
M40364150	00056800	G6	G4	22,0 *0.866*	150,0 *5.906*	124,0 *4.882*	40,0 *1.575*	190,0 *7.480*	0	PB	2,1 *4.630*
M40365190	00056808	G6	G5	28,0 *1.102*	190,0 *7.480*	164,0 *6.457*	50,0 *1.969*	230,0 *9.055*	0	PB	3,3 *7.280*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Tenon	Vis de montage
		
M40350070	90M5	90F0
M40351080	90M5	90F1
M40352100	90M5	90F2
M40353120	90M5	90F3
M40354150	90M5	90F4
M40361090	90M6	90F1
M40362110	90M6	90F2
M40363120	90M6	90F3
M40364150	90M6	90F4
M40365190	90M6	90F5

Accessoires

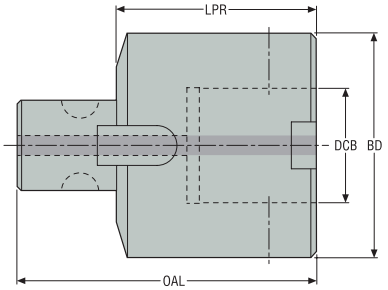
Clé

03H02
03H02
03H025
03H03
03H04
03H02
03H025
03H03
03H04
03H05

G 403 – Augmentations Graflex®

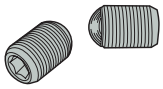
Graflex®





Références	Numéro de produit	CTMS	CTWS	DCB	LPR	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
M40356	00056791	G5	G6	36,0 *1.417*	55,0 *2.165*	63,0 *2.480*	85,0 *3.346*	0	PB	1,1 *2.430*
M40367	00056810	G6	G7	46,0 *1.811*	80,0 *3.150*	90,0 *3.543*	120,0 *4.724*	0	PB	3,5 *7.720*

Pièces détachées, pièces incluses lors de la livraison

Pour	Tenon	Vis de montage
		
M40356	90M5	90F6
M40367	90M6	90F7

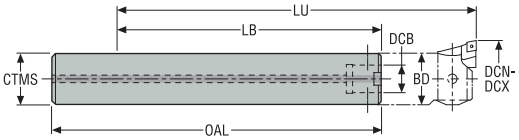
Accessoires

Pour	Clé
	
M40356	03H06
M40367	03H10

G 401 – Attachements Graflex®, acier

Cylindrique

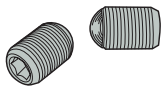




—Convient pour une longueur d'alésage de finition jusqu'à LU avec tête d'ébauche montée type A780 ou A790
—Attachement cylindrique CTMS côté machine, de tolérance h5, compatible avec les porte-outils à fretter

Références	Numéro de produit	CTMS	CTWS	DCB	DCN	DCX	OAL	BD	LU	LB	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
M4011408	00086938	14	G0	8,0 *0.315*	15,0 *0.591*	18,5 *0.728*	120,0 *4.724*	14,0 *0.551*	110,0 *4.331*	75,0 *2.953*	0	G6.3	0,2 *0.440*
M4011608	00086935	16	G0	8,0 *0.315*	18,0 *0.709*	23,5 *0.925*	150,0 *5.906*	16,0 *0.630*	137,0 *5.394*	102,0 *4.016*	0	G6.3	0,3 *0.660*
M4012011	00086936	20	G1	11,0 *0.433*	23,0 *0.906*	31,0 *1.220*	150,0 *5.906*	20,0 *0.787*	140,0 *5.512*	100,0 *3.937*	0	G6.3	0,33 *0.730*
M4012514	00086937	25	G2	14,0 *0.551*	30,0 *1.181*	40,0 *1.575*	150,0 *5.906*	25,0 *0.984*	139,0 *5.472*	93,0 *3.661*	0	G6.3	0,6 *1.320*
M4013218	00086939	32	G3	18,0 *0.709*	39,0 *1.535*	51,0 *2.008*	150,0 *5.906*	32,0 *1.260*	155,0 *6.102*	90,0 *3.543*	0	G6.3	0,9 *1.980*

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage
	
M4011408	90F01
M4011608	90F0
M4012011	90F1
M4012514	90F2
M4013218	90F3

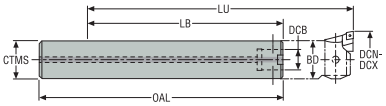
Accessoires

Pour	Clé
	
M4011408	03H025
M4011608	03H02
M4012011	03H02
M4012514	03H025
M4013218	03H03

G 401 – Attachements Graflex®, acier

Cylindrique

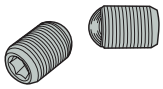




- Convient pour une longueur d'alésage de finition jusqu'à LU avec tête d'ébauche montée type A780 ou A790
- Attachement cylindrique CTMS côté machine, de tolérance h5, compatible avec les porte-outils à fretter

Références	Numéro de produit	CTMS	CTWS	DCB	DCN	DCX	OAL	BD	LU	LB	Logt RFID	Equili-brage	Poids
				Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*			lbs
M40107511	00056741	0,750 in	G1	0.433	0.906	1.220	5.906	0.827	5.510	3.906	0	G6.3	0.660

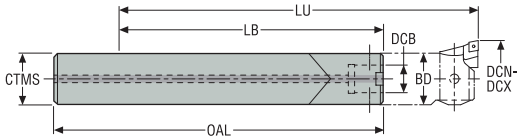
Pièces détachées, pièces incluses lors de la livraison

Pour taille	Clé	Vis de montage
		
M40107511	03H02	90F1

G 401 – Attachements Graflex®, carbure

Cylindrique

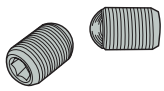




—Convient pour une longueur d'alésage de finition jusqu'à LU avec tête d'ébauche montée type A780 ou A790
—Tolérance CTMS h5

Références	Numéro de produit	CTMS	CTWS	DCB	DCN	DCX	OAL	BD	LU	LB	Logt RFID	Equili-brage	Poids *Poids*
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
M4011408C	00073004	14	G0	8,0 *0.315*	15,0 *0.591*	18,5 *0.728*	152,0 *5.984*	14,0 *0.551*	140,0 *5.512*	105,0 *4.134*	0	G6.3	0,3 *0.660*
M4011608C	00056747	16	G0	8,0 *0.315*	18,0 *0.709*	23,5 *0.925*	175,0 *6.890*	16,0 *0.630*	160,0 *6.299*	125,0 *4.921*	0	G6.3	0,5 *1.100*
M4012011C	00056749	20	G1	11,0 *0.433*	23,0 *0.906*	31,0 *1.220*	212,0 *8.346*	20,0 *0.787*	200,0 *7.874*	160,0 *6.299*	0	G6.3	0,9 *1.980*
M4012514C	00056750	25	G2	14,0 *0.551*	30,0 *1.181*	40,0 *1.575*	262,0 *10.315*	25,0 *0.984*	250,0 *9.843*	204,0 *8.031*	0	G6.3	1,71 *3.770*
M4013218C	00056751	32	G3	18,0 *0.709*	39,0 *1.535*	51,0 *2.008*	317,0 *12.480*	32,0 *1.260*	320,0 *12.598*	255,0 *10.039*	0	G6.3	3,44 *7.580*

Pièces détachées, pièces incluses lors de la livraison

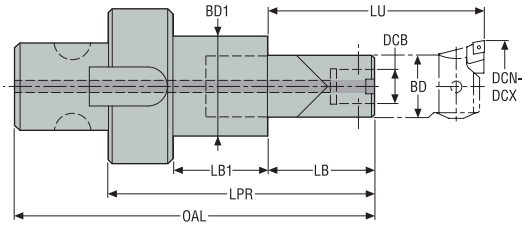
Pour	Vis de montage
	
M4011408C	90F01
M4011608C	90F0
M4012011C	90F1
M4012514C	90F2
M4013218C	90F3

Accessoires

Pour	Clé
	
M4011408C	03H025
M4011608C	03H02
M4012011C	03H02
M4012514C	03H025
M4013218C	03H03

G 403 – Réducteurs Graflex® extra longs, carbure

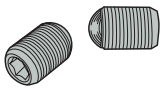




—La partie de l'extension est en carbure
—Convient pour une longueur d'alésage de finition jusqu'à LU avec tête d'ébauche montée type A780 ou A790

Références	Numéro de produit	CTMS	CTWS	DCB	DCN	DCX	OAL	LPR	BD	BD1	LU	LB	LB1	Logt RFID	Equili-brage	Poids *Poids*
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
M40350C150	00057604	G5	G0	8,0 *0.315*	18,0 *0.709*	23,5 *0.925*	180,0 *7.087*	150,0 *5.906*	16,0 *0.630*	32,0 *1.260*	130,0 *5.118*	95,0 *3.740*	35,0 *1.378*	0	PB	1,0 *2.200*
M40351C180	00056943	G5	G1	11,0 *0.433*	23,0 *0.906*	31,0 *1.220*	210,0 *8.268*	180,0 *7.087*	20,0 *0.787*	36,0 *1.417*	160,0 *6.299*	120,0 *4.724*	40,0 *1.575*	0	PB	1,3 *2.870*
M40352C220	00057605	G5	G2	14,0 *0.551*	30,0 *1.181*	40,0 *1.575*	250,0 *9.843*	220,0 *8.661*	25,0 *0.984*	41,0 *1.614*	200,0 *7.874*	155,0 *6.102*	45,0 *1.772*	0	PB	2,01 *4.430*

Pièces détachées, pièces incluses lors de la livraison

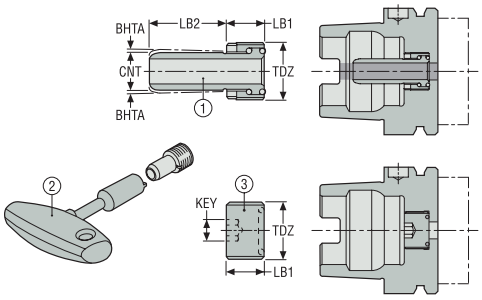
Pour	Tenon	Vis de montage
		
M40350C150	90M5	90F0
M40351C180	90M5	90F1
M40352C220	90M5	90F2

Accessoires

Pour	Clé
	
M40350C150	03H02
M40351C180	03H02
M40352C220	03H025

Raccords de lubrification, clés de serrage et bouchon d'obturation HSK





—Les porte-outils HSK-A en Seco-Capto sont livrés avec des raccords de lubrification spécifiques disponibles en tant que pièces détachées et nécessitent une clé pour raccords de lubrification spécifique, voir page(s) produits 514, 515-516

Description	Références	Numéro de produit	Pour porte-outils HSK Forme A et E	LB1	LB2	KEY	CNT	TDZ	BHTA°
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm		
Raccord de lubrification (1) *	20E9301	00088814	HSK-A32 & HSK-E32	5,5 *0.217*	20,5 *0.807*	–	6	M10x1	1,0
	20E9302	00088815	HSK-A40 & HSK-E40	7,5 *0.295*	22,0 *0.866*	–	8	M12x1	1,0
	20E9303	00086740	HSK-A50 & HSK-E50	9,5 *0.374*	23,5 *0.925*	–	6	M16x1	1,0
	20E9304	00086741	HSK-A63 & HSK-E63	11,5 *0.453*	25,0 *0.984*	–	8	M18x1	1,0
	20E9306	00086742	HSK-A100 & HSK-E100	15,5 *0.610*	28,5 *1.122*	–	6	M24x1,5	1,0
	20E9307	00088816	HSK-A125	17,5 *0.689*	30,5 *1.201*	–	18	M30x1.5	1,0
Clés de serrage (2)	03E9301	00088811	HSK-A32 & HSK-E32	–	–	–	–	–	–
	03E9302	00088812	HSK-A40 & HSK-E40	–	–	–	–	–	–
	03E9303	00069969	HSK-A50 & HSK-E50	–	–	–	–	–	–
	03E9304	00069970	HSK-A63 & HSK-E63	–	–	–	–	–	–
	03E9305	00032296	HSK-A80 & HSK-E80	–	–	–	–	–	–
	03E9306	00084012	HSK-A100 & HSK-E100	–	–	–	–	–	–
	5680094-07	03248614	HSK-A125	–	–	–	–	–	–
Bouchons d'étanchéité (3)	02E9301	00031588	HSK-A32 & HSK-E32	5,0 *0.197*	–	3,0 *0.118*	–	M10x1	–
	02E9302	00031593	HSK-A40 & HSK-E40	7,0 *0.276*	–	4,0 *0.157*	–	M12x1	–
	02E9303	00001002	HSK-A50 & HSK-E50	9,0 *0.354*	–	5,0 *0.197*	–	M16x1	–
	02E9304	00010101	HSK-A63 & HSK-E63	11,0 *0.433*	–	6,0 *0.236*	–	M18x1	–
	02E9306	00014002	HSK-A100 & HSK-E100	15,0 *0.591*	–	10,0 *0.394*	–	M24x1,5	–
	02E9307	00033649	HSK-A125	17,0 *0.669*	–	12,0 *0.472*	–	M30x1.5	–

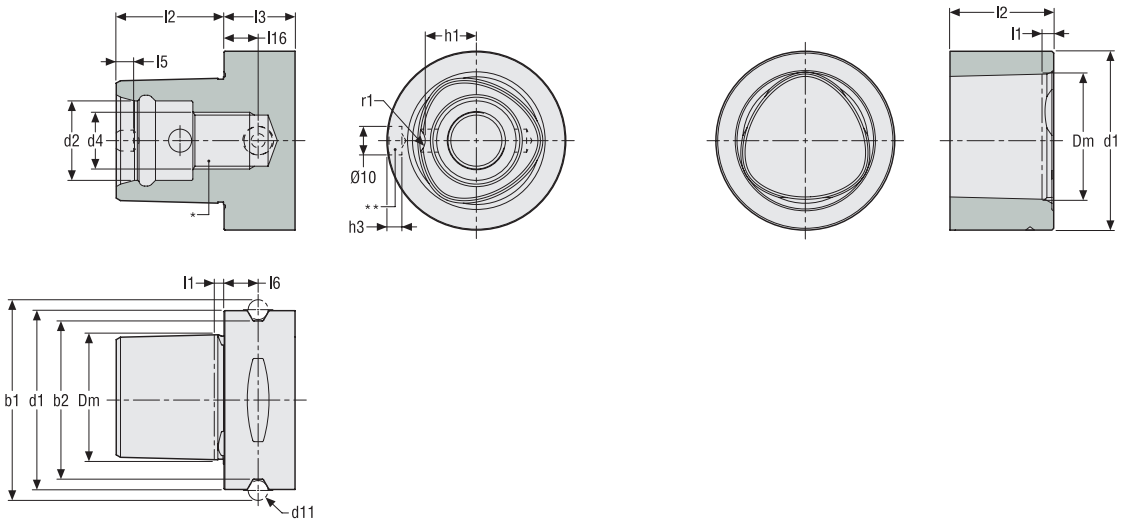


Seco-Capto™

Seco-Capto™ est un système d'outillage modulaire à changement rapide renommé pour la configuration et le remplacement rapides des porte-outils à plaquettes. La gamme d'outillage modulaire Seco-Capto™ utilise un système à attachement polygonal (PSC) en conformité avec la norme ISO 26623 et dispose d'un joint conique autoserrant.

- Gamme de porte-outils, tels que porte-outils de frettage, mandrins à pince et fraises deux tailles
- Attachements Seco-Capto™ avec raccords HSK, DIN et BT
- Cassette Seco-Capto™ pour une plus grande fiabilité et un meilleur bridage de plaquette

Seco-Capto™, dimensions selon normes
ISO 26623-1-PSC/ ISO 26623-2-PSC



Cône	Logement puce RFID**	d_1	d_2	d_4	d_{11}	Dm	b_1	b_2	l_1	l_2	$l_{3\ min}$	l_5	l_6	l_{16}	h_1	h_3	r_1
		mm *Pouces*	mm *Pouces*		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*
C3	Non**	32 *1.260*	15 *0.591*	M12	5 *0.197*	22 *0.866*	39 *1.535*	28,3 *1.114*	2,5 *0.098*	19 *0.748*	15 *0.591*	3,2 *0.126*	6 *0.236*	9 *0.354*	9 *0.354*	5,4 *0.213*	3 *0.118*
C4	Non**	40 *1.575*	18 *0.709*	M14	5 *0.197*	28 *1.102*	46 *1.811*	35,3 *1.390*	2,5 *0.098*	24 *0.945*	20 *0.787*	4 *0.157*	8 *0.315*	12 *0.472*	11 *0.433*	5,2 *0.205*	3 *0.118*
C5	**	50 *1.969*	21 *0.827*	M16	7 *0.276*	35 *1.378*	59,3 *2.335*	44,4 *1.748*	3 *0.118*	30 *1.181*	20 *0.787*	5,3 *0.209*	10 *0.394*	12 *0.472*	14 *0.551*	5,1 *0.201*	4 *0.157*
C6	**	63 *2.480*	28 *1.102*	M20	7 *0.276*	44 *1.732*	70,7 *2.783*	55,8 *2.197*	3 *0.118*	38 *1.496*	22 *0.866*	6,2 *0.244*	12 *0.472*	12 *0.472*	18 *0.709*	5 *0.197*	5 *0.197*
C8	**	80 *3.150*	32 *1.260*	M20	7 *0.276*	55 *2.165*	86 *3.386*	71,1 *2.799*	3 *0.118*	48 *1.890*	30 *1.181*	8 *0.315*	12 *0.472*	12 *0.472*	22,2 *0.874*	4,9 *0.193*	6 *0.236*

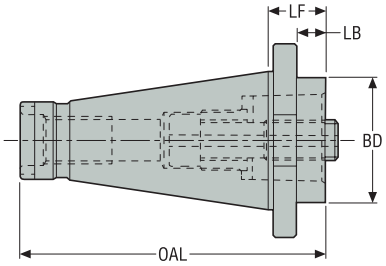
Côté pièce	Logement puce RFID**	$d_{1\ min}$	d_3	Dm	l_1	l_2	l_3	l_4
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*
C3	Non	32 *1.260*	2 *0.079*	22 *0.866*	2,3 *0.091*	18,4 *0.724*	16,5 *0.650*	9,4 *0.370*
C4	Non	40 *1.575*	2,5 *0.098*	28 *1.102*	2,3 *0.091*	23,4 *0.921*	21 *0.827*	11,5 *0.453*
C5	Non	50 *1.969*	3 *0.118*	35 *1.378*	2,8 *0.110*	29,4 *1.157*	26 *1.024*	14,5 *0.571*
C6	**	63 *2.480*	4 *0.157*	44 *1.732*	2,8 *0.110*	37,4 *1.472*	33,5 *1.319*	18,5 *0.728*
C8	**	80 *3.150*	5 *0.197*	55 *2.165*	2,8 *0.110*	47,4 *1.866*	43 *1.693*	22,8 *0.898*

Remarque : Les dimensions à la norme sont applicables à tous les porte-outils indiqués dans les pages “Produits”.
* Les rallonges Seco-Capto™ courtes côté machine ne peuvent être montés que sur des broches équipées de systèmes de serrage (et non avec vis centrale de serrage) Les réducteurs Seco-Capto™ courts côté machine ne peuvent être montés que sur des broches équipées de systèmes de serrage (et non avec vis centrale de serrage)
** Pour savoir si le logement pour la puce RFID existe, voir la colonne ‘Logement RFID’ dans les pages Produits : 1 = Logements pour puce RFID disponible, une puce peut être montée sur demande, veuillez nous consulter.
0 = Logement pour puce RFID non disponible, un logement peut être réalisé sur demande et la puce montée, veuillez nous consulter.

C 00 – Adaptateur d'outils DIN 2080 pour Seco-Capto™ – ISO 26623-2

DIN 2080

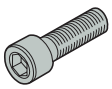




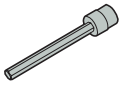
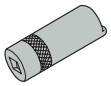
Accessoires :
3 = Rallonge de clé
4 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
C3-390.00-40030	75039844	DIN(2080)40	C3	30,0 *1.181*	18,4 *0.724*	32,0 *1.260*	123,4 *4.858*	0	–	0,9 *1.980*
C4-390.00-40030	75039848	DIN(2080)40	C4	30,0 *1.181*	18,4 *0.724*	40,0 *1.575*	123,4 *4.858*	0	–	1,0 *2.200*
C4-390.00-40060	75039849	DIN(2080)40	C4	60,0 *2.362*	48,4 *1.906*	40,0 *1.575*	153,4 *6.039*	0	–	1,08 *2.380*
C5-390.00-40030	75039852	DIN(2080)40	C5	30,0 *1.181*	18,4 *0.724*	50,0 *1.969*	123,4 *4.858*	0	–	0,81 *1.790*
C6-390.00-40075	00048158	DIN(2080)40	C6	75,0 *2.953*	0,0 –	63,0 *2.480*	168,4 *6.630*	0	–	1,82 *4.010*
C3-390.00-50030	75039846	DIN(2080)50	C3	30,0 *1.181*	14,8 *0.583*	32,0 *1.260*	156,8 *6.173*	0	–	2,5 *5.510*
C3-390.00-50060	75039847	DIN(2080)50	C3	60,0 *2.362*	44,8 *1.764*	32,0 *1.260*	186,8 *7.354*	0	–	2,5 *5.510*
C4-390.00-50030	75039850	DIN(2080)50	C4	30,0 *1.181*	14,8 *0.583*	40,0 *1.575*	156,8 *6.173*	0	–	2,5 *5.510*
C4-390.00-50060	75039851	DIN(2080)50	C4	60,0 *2.362*	44,8 *1.764*	40,0 *1.575*	186,8 *7.354*	0	–	2,5 *5.510*
C5-390.00-50030	75039854	DIN(2080)50	C5	30,0 *1.181*	14,8 *0.583*	50,0 *1.969*	156,8 *6.173*	0	–	2,62 *5.780*
C5-390.00-50070	75039855	DIN(2080)50	C5	70,0 *2.756*	54,8 *2.157*	50,0 *1.969*	196,8 *7.748*	0	–	3,29 *7.250*
C6-390.00-50030	75039856	DIN(2080)50	C6	30,0 *1.181*	14,8 *0.583*	63,0 *2.480*	156,8 *6.173*	0	–	2,56 *5.640*
C6-390.00-50080	75039857	DIN(2080)50	C6	80,0 *3.150*	64,8 *2.551*	63,0 *2.480*	206,8 *8.142*	0	–	3,27 *7.210*
C8-390.00-50070	75039858	DIN(2080)50	C8	70,0 *2.756*	54,8 *2.157*	80,0 *3.150*	196,8 *7.748*	0	–	3,8 *8.380*
C8-390.00-50120	75039859	DIN(2080)50	C8	120,0 *4.724*	104,8 *4.126*	80,0 *3.150*	246,8 *9.717*	0	–	5,6 *12.350*

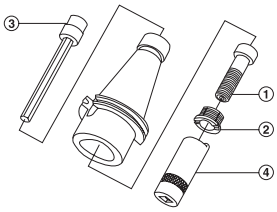
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Écrou de fixation
		
C3	5512063-10	5512091-04
C4	5512063-07	5512091-03
C5	5512063-08	5512091-01
C6-400	5512063-13	5512091-02
C6-500	5512063-09	5512091-02
C8	5512063-09	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
C3	5680015-05	5680065-13
C4	5680015-05	5680065-10
C5	5680015-01	5680065-11
C6-400	5680015-01	5680065-12
C6-500	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessoires / Pièces détachées



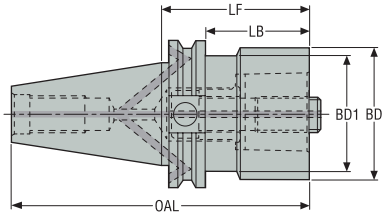
Accessoires :
3 = Rallonge de clé
4 = Clé

Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue

C 55/58 – Adaptateur d'outils CAT avec sortie Seco-Capto™

CAT / ASME B5.50-2009-ADB

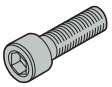




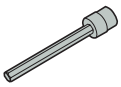
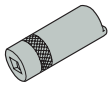
Accessoires :
4 = Rallonge de clé
5 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	BD	OAL	Conception	Logt RFID	Equili-brage	Poids
				Pouces	*Pouces*	*Pouces*	*Pouces*				lbs
C3-A390B.45-40060	02925929	CAT40 ADB	C3	2.362	1.610	1.260	5.055	2	0	PB	2.200
C4-A390B.45-40030	02925932	CAT40 ADB	C4	1.181	0.429	1.575	3.874	2	0	PB	1.980
C4-A390B.45-40060	02925933	CAT40 ADB	C4	2.362	1.610	1.575	5.055	2	0	PB	2.430
C5-A390B.45-40040	02925935	CAT40 ADB	C5	1.575	0.823	1.969	4.268	2	0	PB	2.200
C5-A390B.45-40080	02925936	CAT40 ADB	C5	3.150	2.398	1.969	5.843	2	0	PB	3.310
C6-A390B.45-40085	02925939	CAT40 ADB	C6	3.346	1.378	2.480	6.039	2	0	PB	4.190
C3-A390B.45-50030	02925930	CAT50 ADB	C3	1.181	0.429	1.260	5.185	2	0	PB	6.390
C3-A390B.45-50060	02925931	CAT50 ADB	C3	2.362	1.610	1.260	6.366	2	0	PB	5.970
C4-A390B.45-50030	02925948	CAT50 ADB	C4	1.181	0.429	1.575	5.185	2	0	PB	5.780
C4-A390B.45-50060	02925934	CAT50 ADB	C4	2.362	1.610	1.969	6.366	2	0	PB	6.610
C5-A390B.45-50030	02925937	CAT50 ADB	C5	1.181	0.429	1.969	5.185	2	0	PB	5.290
C5-A390B.45-50070	02925938	CAT50 ADB	C5	2.756	2.004	1.969	6.760	2	0	PB	6.830
C6-A390B.45-50030	02925940	CAT50 ADB	C6	1.181	0.429	2.480	5.185	2	0	PB	5.510
C6-A390B.45-50080	02925941	CAT50 ADB	C6	3.150	2.398	2.480	7.154	2	0	PB	7.940
C8-A390B.45-50070	02925942	CAT50 ADB	C8	2.756	2.004	3.150	6.760	2	0	PB	8.160
C8-A390B.45-50120	02925943	CAT50 ADB	C8	4.724	3.972	3.150	8.728	2	0	PB	12.350

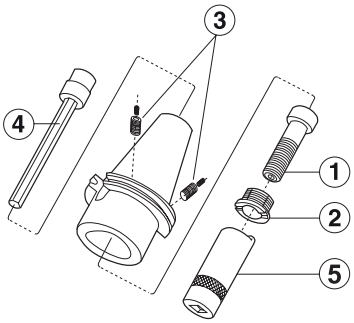
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Bouchon	Écrou de fixation	Bouchons d'étanchéité
		 1x		 1x
CAT40/ C3	5512063-10	564301701	5512091-04	–
CAT40/ C4	5512063-07	564301701	5512091-03	–
CAT40/ C5	5512063-08	564301701	5512091-01	–
CAT40/ C6	5512063-13	564301701	5512091-02	–
CAT50/ C3	5512063-10	564301702	5512091-04	–
CAT50/ C4-50030	5512063-07	564301701	5512091-03	564301702
CAT50/ C4-50060	5512063-07	564301702	5512091-03	–
CAT50/ C5	5512063-08	564301702	5512091-01	–
CAT50/ C6	5512063-09	564301702	5512091-02	–
CAT50/ C8	5512063-09	564301702	5512091-02	–

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
CAT40/ C3	5680015-05	5680065-13
CAT40/ C4	5680015-05	5680065-10
CAT40/ C5	5680015-01	5680065-11
CAT40/ C6	5680015-01	5680065-12
CAT50/ C3	5680015-05	5680065-13
CAT50/ C4-50030	5680015-05	5680065-10
CAT50/ C4-50060	5680015-05	5680065-10
CAT50/ C5	5680015-01	5680065-11
CAT50/ C6	5680015-02	5680065-12
CAT50/ C8	5680015-02	5680065-12

Accessoires / Pièces détachées



Accessoires :
4 = Rallonge de clé
5 = Clé

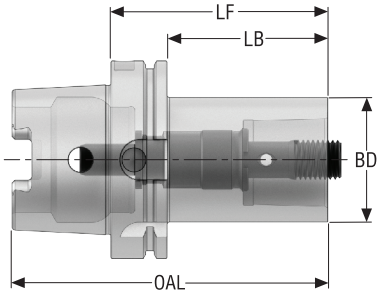
Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue
3 = Bouchons d'étanchéité

C 410 – Adaptateur d'outils HSK-A pour Seco-Capto™ – ISO 26623-2

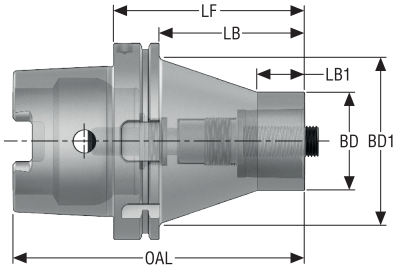
HSK-A/ ISO12164-1-HSK-A



Version 1



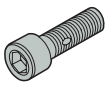
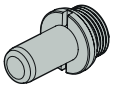
Version 2



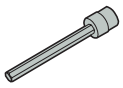
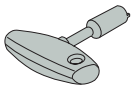
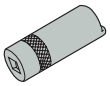
Accessoires :
2 = Rallonge de clé
4 = Clé
6 = Clé de fixation pour tube d'arrosage

Références	Numéro de produit	CTMS	CTWS	LF	LB	LB1	BD	BD1	OAL	Conception	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				kg *lbs*
HA10-C3-032-080	10197961	HSK-A100	C3	80,0 *3.150*	51,0 *2.008*	–	32,0 *1.260*	–	130,0 *5.118*	1	1	PB	2,5 *5.510*
HA06-C3-032-075	10197962	HSK-A63	C3	75,0 *2.953*	49,0 *1.929*	–	32,0 *1.260*	–	107,0 *4.213*	1	1	PB	0,9 *1.980*
HA10-C4-040-090	10197963	HSK-A100	C4	90,0 *3.543*	61,0 *2.402*	–	40,0 *1.575*	–	140,0 *5.512*	1	1	PB	2,5 *5.510*
HA06-C4-040-080	10197964	HSK-A63	C4	80,0 *3.150*	54,0 *2.126*	–	40,0 *1.575*	–	112,0 *4.409*	1	1	PB	1,1 *2.430*
HA10-C5-050-100	10197965	HSK-A100	C5	100,0 *3.937*	71,0 *2.795*	–	50,0 *1.969*	–	150,0 *5.906*	1	1	PB	2,9 *6.390*
HA06-C5-050-090	10197966	HSK-A63	C5	90,0 *3.543*	64,0 *2.520*	–	50,0 *1.969*	–	122,0 *4.803*	1	1	PB	1,3 *2.870*
HA10-C6-063-110	10197967	HSK-A100	C6	110,0 *4.331*	81,0 *3.189*	–	63,0 *2.480*	–	160,0 *6.299*	1	1	PB	3,6 *7.940*
HA10-C8-080-120	10197968	HSK-A100	C8	120,0 *4.724*	91,0 *3.583*	–	80,0 *3.150*	–	170,0 *6.693*	1	1	PB	4,8 *10.580*
HSKA125-C6-120	03229625	HSK-A125	C6	120,0 *4.724*	91,0 *3.583*	–	63,0 *2.480*	–	183,0 *7.205*	1	1	PB	5,2 *11.460*
HSKA125-C6-120-V	03229626	HSK-A125	C6	120,0 *4.724*	91,0 *3.583*	30,0 *1.181*	63,0 *2.480*	108,0 *4.252*	183,0 *7.205*	2	1	PB	6,4 *14.110*
HSKA125-C8-130	03229627	HSK-A125	C8	130,0 *5.118*	101,0 *3.976*	–	80,0 *3.150*	–	193,0 *7.598*	1	1	PB	6,5 *14.330*
HSKA125-C8-130-V	03229628	HSK-A125	C8	130,0 *5.118*	101,0 *3.976*	30,0 *1.181*	80,0 *3.150*	105,0 *4.134*	193,0 *7.598*	2	1	PB	7,8 *17.200*

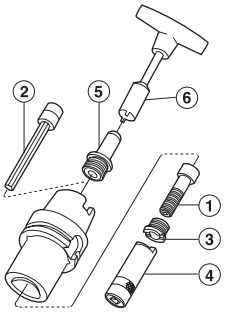
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Tube pour lubrification	Écrou de fixation
			
HA06-C3-032-075	5512067-01	5692020-04	5512091-04
HA06-C4-040-080	5512067-02	5692020-04	5512091-03
HA06-C5-050-090	5512067-03	5692020-04	5512091-01
HA10-C3-032-080	5512067-01	5692020-06	5512091-04
HA10-C4-040-090	5512067-02	5692020-06	5512091-03
HA10-C5-050-100	5512067-03	5692020-06	5512091-01
HA10-C6-063-110	5512067-04	5692020-06	5512091-02
HA10-C8-080-120	5512067-04	5692020-06	5512091-02
HSKA125-C6-120	5512063-09	5692020-07	5512091-02
HSKA125-C6-120-V	5512063-09	5692020-07	5512091-02
HSKA125-C8-130	5512063-09	5692020-07	5512091-02
HSKA125-C8-130-V	5512063-09	5692020-07	5512091-02

Accessoires

Pour	Rallonge de clé	Clé	Clé de serrage
			
HA06-C3-032-075	5680015-05	5680094-04	5680065-13
HA06-C4-040-080	5680015-05	5680094-04	5680065-10
HA06-C5-050-090	5680015-01	5680094-04	5680065-11
HA10-C3-032-080	5680015-05	5680094-06	5680065-13
HA10-C4-040-090	5680015-05	5680094-06	5680065-10
HA10-C5-050-100	5680015-01	5680094-06	5680065-11
HA10-C6-063-110	5680015-02	5680094-06	5680065-12
HA10-C8-080-120	5680015-02	5680094-06	5680065-12
HSKA125-C6-120	5680015-02	5680094-07	5680065-12
HSKA125-C6-120-V	5680015-02	5680094-07	5680065-12
HSKA125-C8-130	5680015-02	5680094-07	5680065-12
HSKA125-C8-130-V	5680015-02	5680094-07	5680065-12

Accessoires / Pièces détachées



Accessoires :
2 = Rallonge de clé
4 = Clé
6 = Clé de fixation pour tube d'arrosage

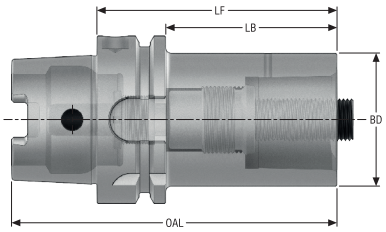
Pièces détachées :
1 = Vis centrale
3 = Écrou de retenue
5 = Tubes de lubrification*

*Un raccord de lubrification spécifique est livré avec chaque porte-outils HSK-A en Seco-Capto™

C 411 – Adaptateur d'outils HSK-T pour Seco-Capto™ – ISO 26623-2

HSK-T/ ISO12164-3-HSK-T

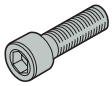
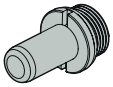




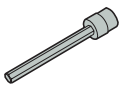
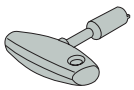
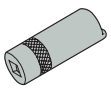
Accessoires :
2 = Rallonge de clé
4 = Clé
6 = Clé de fixation pour tube d'arrosage

Références	Numéro de produit	CTMS	CTWS	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
C4-390.411-63080	02786511	HSK-T63	C4	80,0 *3.150*	54,0 *2.126*	40,0 *1.575*	112,0 *4.409*	1	–	1,1 *2.430*
C5-390.411-63090	02786520	HSK-T63	C5	90,0 *3.543*	64,0 *2.520*	50,0 *1.969*	122,0 *4.803*	1	–	1,5 *3.310*
C4-390.411-100090	02786519	HSK-T100	C4	90,0 *3.543*	61,0 *2.402*	40,0 *1.575*	140,0 *5.512*	1	–	2,6 *5.730*
C5-390.411-100100	02786521	HSK-T100	C5	100,0 *3.937*	71,0 *2.795*	50,0 *1.969*	150,0 *5.906*	1	–	3,0 *6.610*
C6-390.411-100110	02786522	HSK-T100	C6	110,0 *4.331*	81,0 *3.189*	63,0 *2.480*	160,0 *6.299*	1	–	3,6 *7.940*
C8-390.411-100120	02786523	HSK-T100	C8	120,0 *4.724*	91,0 *3.583*	80,0 *3.150*	170,0 *6.693*	1	–	4,8 *10.580*

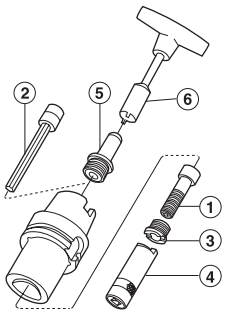
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Tube pour lubrification	Écrou de fixation
			
C4-390.411-100090	5512063-07	20E9306	5512091-03
C4-390.411-63080	5512063-07	5692020-04	5512091-03
C5-390.411-100100	5512063-08	20E9306	5512091-01
C5-390.411-63090	5512063-08	5692020-04	5512091-01
C6-390.411-100110	5512063-09	5692020-06	5512091-02
C8-390.411-100120	5512063-09	5692020-06	5512091-02

Accessoires

Pour	Rallonge de clé	Clé	Clé de serrage
			
C4-390.411-100090	5680015-05	5680094-06	5680065-10
C4-390.411-63080	5680015-05	5680094-04	5680065-10
C5-390.411-100100	5680015-01	5680094-06	5680065-11
C5-390.411-63090	5680015-01	5680094-04	5680065-11
C6-390.411-100110	5680015-02	5680094-06	5680065-12
C8-390.411-100120	5680015-02	5680094-06	5680065-12

Accessoires / Pièces détachées



Accessoires :
2 = Rallonge de clé
4 = Clé
6 = Clé de fixation pour tube d'arrosage

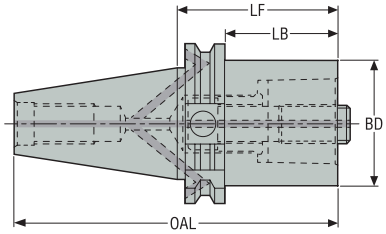
Pièces détachées :
1 = Vis centrale
3 = Écrou de retenue
5 = Tubes de lubrification*

*Un raccord de lubrification spécifique est livré avec chaque porte-outils HSK-A en Seco-Capto™

C 140 – Adaptateur d'outils DIN pour Seco-Capto™ – ISO 26623-2

DIN 69871-ADB

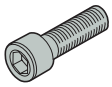




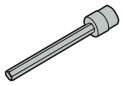
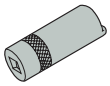
Accessoires :
4 = Rallonge de clé
5 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
C3-390B.140-40030	02924104	DIN40 ADB	C3	30,0 *1.181*	10,9 *0.429*	32,0 *1.260*	98,4 *3.874*	0	PB	0,8 *1.760*
C3-390B.140-40060	02924105	DIN40 ADB	C3	60,0 *2.362*	40,9 *1.610*	32,0 *1.260*	128,4 *5.055*	0	PB	0,9 *1.980*
C4-390B.140-40030	02924108	DIN40 ADB	C4	30,0 *1.181*	10,9 *0.429*	40,0 *1.575*	98,4 *3.874*	0	PB	0,8 *1.760*
C4-390B.140-40060	02924109	DIN40 ADB	C4	60,0 *2.362*	40,9 *1.610*	40,0 *1.575*	128,4 *5.055*	0	PB	1,1 *2.430*
C5-390B.140-40040	02924112	DIN40 ADB	C5	40,0 *1.575*	20,9 *0.823*	50,0 *1.969*	108,4 *4.268*	0	PB	0,9 *1.980*
C5-390B.140-40080	02924113	DIN40 ADB	C5	80,0 *3.150*	60,9 *2.398*	50,0 *1.969*	148,4 *5.843*	0	PB	1,5 *3.310*
C6-390B.140-40085	02924116	DIN40 ADB	C6	85,0 *3.346*	65,9 *2.594*	63,0 *2.480*	153,4 *6.039*	0	PB	1,8 *3.970*
C3-390B.140-50030	02924106	DIN50 ADB	C3	30,0 *1.181*	10,9 *0.429*	32,0 *1.260*	131,7 *5.185*	0	PB	2,6 *5.730*
C3-390B.140-50060	02924107	DIN50 ADB	C3	60,0 *2.362*	40,9 *1.610*	32,0 *1.260*	161,7 *6.366*	0	PB	2,7 *5.950*
C4-390B.140-50030	02924110	DIN50 ADB	C4	30,0 *1.181*	10,9 *0.429*	40,0 *1.575*	131,7 *5.185*	0	PB	2,6 *5.730*
C4-390B.140-50060	02924111	DIN50 ADB	C4	60,0 *2.362*	40,9 *1.610*	40,0 *1.575*	161,7 *6.366*	0	PB	2,8 *6.170*
C5-390B.140-50030	02924114	DIN50 ADB	C5	30,0 *1.181*	10,9 *0.429*	50,0 *1.969*	131,7 *5.185*	0	PB	2,6 *5.730*
C5-390B.140-50070	02924115	DIN50 ADB	C5	70,0 *2.756*	50,9 *2.004*	50,0 *1.969*	171,7 *6.760*	0	PB	3,1 *6.830*
C6-390B.140-50030	02924117	DIN50 ADB	C6	30,0 *1.181*	10,9 *0.429*	63,0 *2.480*	131,7 *5.185*	0	PB	2,4 *5.290*
C6-390B.140-50080	02924118	DIN50 ADB	C6	80,0 *3.150*	60,9 *2.398*	63,0 *2.480*	181,7 *7.154*	0	PB	3,6 *7.940*
C8-390B.140-50070	02924119	DIN50 ADB	C8	70,0 *2.756*	50,9 *2.004*	80,0 *3.150*	171,7 *6.760*	0	PB	3,7 *8.160*
C8-390B.140-50120	02924120	DIN50 ADB	C8	120,0 *4.724*	100,9 *3.972*	80,0 *3.150*	221,7 *8.728*	0	PB	5,6 *12.350*

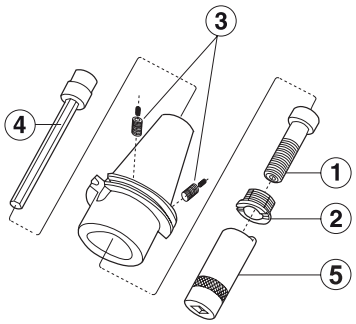
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Bouchon	Écrou de fixation
		 1x	
C3-400	5512063-10	564301701	5512091-04
C3-500	5512063-10	564301702	5512091-04
C4-400	5512063-07	564301701	5512091-03
C4-500	5512063-07	564301702	5512091-03
C5-400	5512063-08	564301701	5512091-01
C5-500	5512063-08	564301702	5512091-01
C6-400	5512063-13	564301701	5512091-02
C6-500	5512063-09	564301702	5512091-02
C8	5512063-09	564301702	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
C3-400	5680015-05	5680065-13
C3-500	5680015-05	5680065-13
C4-400	5680015-05	5680065-10
C4-500	5680015-05	5680065-10
C5-400	5680015-01	5680065-11
C5-500	5680015-01	5680065-11
C6-400	5680015-01	5680065-12
C6-500	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessoires / Pièces détachées



Accessoires :
4 = Rallonge de clé
5 = Clé

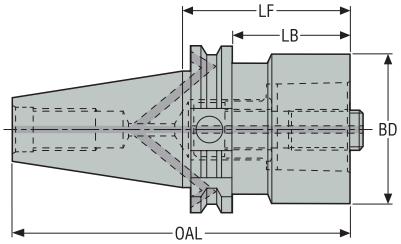
Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue
3 = Bouchons d'étanchéité

C 5191 – Seco-Capto™, porte-outils standard – ISO 26623-2

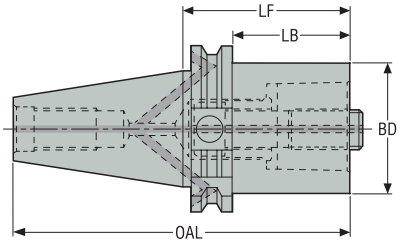
Cône-face DIN-ADB



Version 1



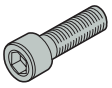
Version 2



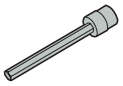
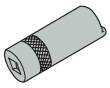
Accessoires :
4 = Rallonge de clé
5 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
E316951915050	03030258	DIN40 TF ADB	C5	50,0 *1.969*	30,9 *1.217*	50,0 *1.969*	118,4 *4.661*	1	PB	1,1 *2.430*
E317151915070	03030264	DIN50 TF ADB	C5	70,0 *2.756*	50,9 *2.004*	50,0 *1.969*	171,7 *6.760*	1	PB	3,1 *6.830*
E317151916350	03030262	DIN50 TF ADB	C6	50,0 *1.969*	30,9 *1.217*	63,0 *2.480*	151,7 *5.972*	0	–	2,9 *6.390*
E3171519163100	03030265	DIN50 TF ADB	C6	100,0 *3.937*	80,9 *3.185*	63,0 *2.480*	201,7 *7.941*	1	PB	4,0 *8.820*
E317151918070	03030263	DIN50 TF ADB	C8	70,0 *2.756*	50,9 *2.004*	80,0 *3.150*	171,7 *6.760*	0	–	3,9 *8.600*
E3171519180120	03030266	DIN50 TF ADB	C8	120,0 *4.724*	100,9 *3.972*	80,0 *3.150*	221,7 *8.728*	0	–	5,6 *12.350*

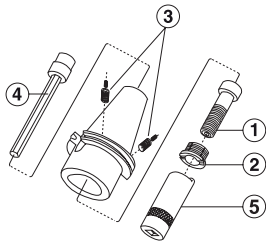
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Bouchon	Écrou de fixation
			
DIN40 TF/ C5	5512063-08	564301701	5512091-01
DIN50 TF/ C5	5512063-08	564301702	5512091-01
DIN50 TF/ C6-C8	5512063-09	564301702	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
DIN40 TF/ C5	5680015-01	5680065-11
DIN50 TF/ C5	5680015-01	5680065-11
DIN50 TF/ C6-C8	5680015-02	5680065-12

Accessoires / Pièces détachées



Accessoires :
4 = Rallonge de clé
5 = Clé

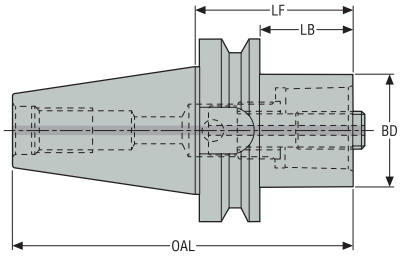
Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue
3 = Bouchons d'étanchéité

C 55/58 – Adaptateur d'outils BT pour Seco-Capto™ – ISO 26623-2

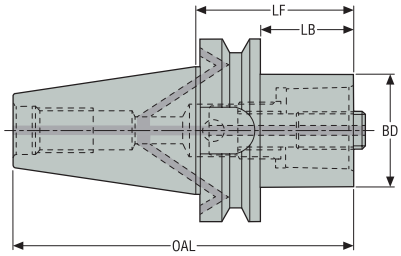
BT



Version 1



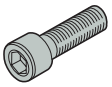
Version 2



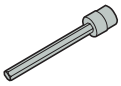
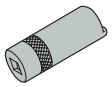
Accessoires :
4 = Rallonge de clé
5 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
C3-390.55-30030	75039807	BT30 AD	C3	30,0 *1.181*	8,0 *0.315*	32,0 *1.260*	78,4 *3.087*	0	PB	0,53 *1.170*
C3-390.55-30060	75039808	BT30 AD	C3	60,0 *2.362*	38,0 *1.496*	32,0 *1.260*	108,4 *4.268*	0	PB	0,73 *1.610*
C3-390B.55-40030	02925959	BT40 ADB	C3	30,0 *1.181*	3,0 *0.118*	32,0 *1.260*	95,4 *3.756*	0	PB	1,0 *2.200*
C3-390B.55-40060	02925960	BT40 ADB	C3	60,0 *2.362*	33,0 *1.299*	32,0 *1.260*	125,4 *4.937*	0	PB	1,1 *2.430*
C4-390B.55-40030	02925963	BT40 ADB	C4	30,0 *1.181*	3,0 *0.118*	40,0 *1.575*	95,4 *3.756*	0	PB	0,9 *1.980*
C4-390B.55-40060	02925964	BT40 ADB	C4	60,0 *2.362*	33,0 *1.299*	40,0 *1.575*	125,4 *4.937*	0	PB	1,2 *2.650*
C5-390B.55-40050	02925967	BT40 ADB	C5	50,0 *1.969*	23,0 *0.906*	50,0 *1.969*	115,4 *4.543*	0	PB	1,1 *2.430*
C5-390B.55-40090	02925968	BT40 ADB	C5	90,0 *3.543*	63,0 *2.480*	50,0 *1.969*	155,4 *6.118*	0	PB	1,7 *3.750*
C6-390B.55-40075	02925971	BT40 ADB	C6	75,0 *2.953*	54,6 *2.150*	63,0 *2.480*	140,4 *5.528*	0	PB	1,7 *3.750*
C3-390B.58-50040	02925961	BT50 ADB	C3	40,0 *1.575*	2,0 *0.079*	32,0 *1.260*	141,8 *5.583*	0	PB	3,5 *7.720*
C3-390B.58-50070	02925962	BT50 ADB	C3	70,0 *2.756*	32,0 *1.260*	32,0 *1.260*	171,8 *6.764*	0	PB	3,7 *8.160*
C4-390B.58-50040	02925965	BT50 ADB	C4	40,0 *1.575*	2,0 *0.079*	40,0 *1.575*	141,8 *5.583*	0	PB	3,5 *7.720*
C4-390B.58-50070	02925966	BT50 ADB	C4	70,0 *2.756*	32,0 *1.260*	40,0 *1.575*	171,8 *6.764*	0	PB	3,8 *8.380*
C5-390B.58-50040	02925969	BT50 ADB	C5	40,0 *1.575*	2,0 *0.079*	50,0 *1.969*	141,8 *5.583*	0	PB	3,5 *7.720*
C5-390B.58-50080	02925970	BT50 ADB	C5	80,0 *3.150*	42,0 *1.654*	50,0 *1.969*	181,8 *7.157*	0	PB	4,0 *8.820*
C6-390B.58-50050	02925972	BT50 ADB	C6	50,0 *1.969*	12,0 *0.472*	63,0 *2.480*	151,8 *5.976*	0	PB	3,4 *7.500*
C6-390B.58-50100	02925973	BT50 ADB	C6	100,0 *3.937*	62,0 *2.441*	63,0 *2.480*	201,8 *7.945*	0	PB	4,6 *10.140*
C8-390B.58-50070	02925974	BT50 ADB	C8	70,0 *2.756*	32,0 *1.260*	80,0 *3.150*	171,8 *6.764*	0	PB	4,0 *8.820*
C8-390B.58-50120	02925975	BT50 ADB	C8	120,0 *4.724*	82,0 *3.228*	80,0 *3.150*	221,8 *8.732*	0	PB	5,9 *13.010*

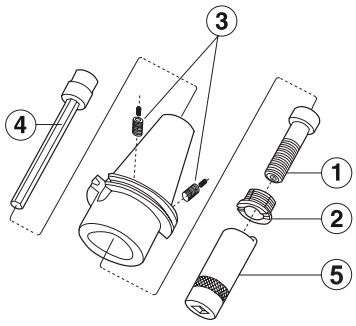
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Bouchon	Écrou de fixation
		 1x	
C3-390.55	5512063-10	–	5512091-04
C3-390B.55	5512063-10	564301701	5512091-04
C3-390B.58	5512063-10	564301702	5512091-04
C4-390B.55	5512063-07	564301701	5512091-03
C4-390B.58	5512063-07	564301702	5512091-03
C5-390B.55	5512063-08	564301701	5512091-01
C5-390B.58	5512063-08	564301702	5512091-01
C6-390B.55	5512063-13	564301701	5512091-02
C6-390B.58	5512063-09	564301702	5512091-02
C8	5512063-09	564301702	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
C3-390.55	5680015-05	5680065-13
C3-390B.55	5680015-05	5680065-13
C3-390B.58	5680015-05	5680065-13
C4-390B.55	5680015-05	5680065-10
C4-390B.58	5680015-05	5680065-10
C5-390B.55	5680015-01	5680065-11
C5-390B.58	5680015-01	5680065-11
C6-390B.55	5680015-01	5680065-12
C6-390B.58	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessoires / Pièces détachées

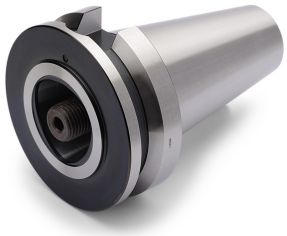


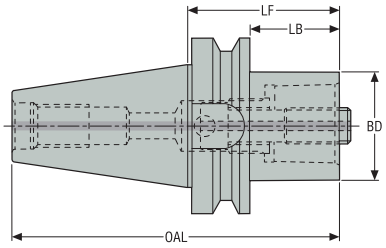
Accessoires :
4 = Rallonge de clé
5 = Clé

Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue
3 = Bouchons d'étanchéité

C 605 – Adaptateur d'outils BT Mazak pour Seco-Capto™ – ISO 26623-2

BT Mazak



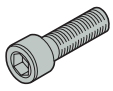


—La conception Mazak implique une rotation polygone à 90° Seco-Capto ™ par rapport à un porte-outils standards BT
—Pour e-machine Mazak

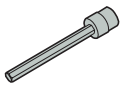
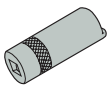
Accessoires :
3 = Rallonge de clé
4 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
C5-390.605-40030	02606358	BT40 AD Mazak	C5	30,0 *1.181*	3,0 *0.118*	50,0 *1.969*	95,4 *3.756*	0	–	1,1 *2.430*
C6-390.605-50040	02606354	BT50 AD Mazak	C6	40,0 *1.575*	2,0 *0.079*	63,0 *2.480*	141,8 *5.583*	0	–	3,3 *7.280*
C8-390.605-50070	02646032	BT50 AD Mazak	C8	70,0 *2.756*	70,0 *2.756*	80,0 *3.150*	171,8 *6.764*	0	–	4,0 *8.820*

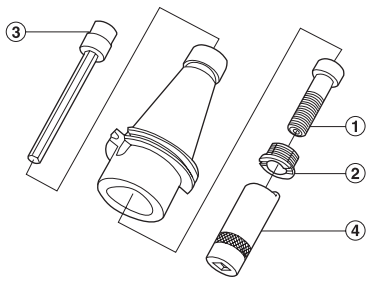
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Écrou de fixation
		
C5	5512063-08	5512091-01
C6	5512063-09	5512091-02
C8	5512063-09	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
C5	5680015-01	5680065-11
C6	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessoires / Pièces détachées



Accessoires :
3 = Rallonge de clé
4 = Clé

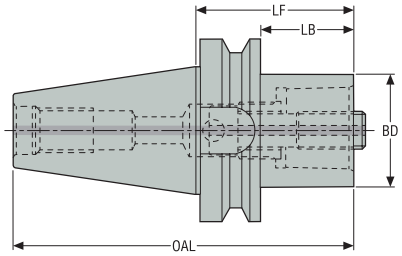
Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue

C 5191 – Seco-Capto™, porte-outils standard – ISO 26623-2

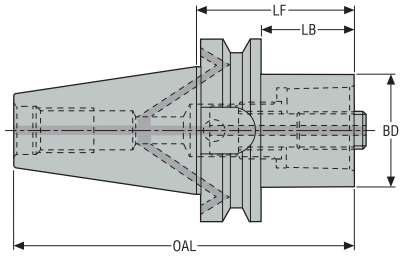
BT Cône-face-AD/ADB



Version 1



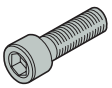
Version 2



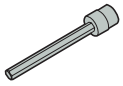
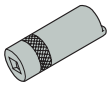
Accessoires :
4 = Rallonge de clé
5 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
E400251913240	03030234	BT30 TF AD	C3	40,0 *1.575*	22,0 *0.866*	32,0 *1.260*	88,4 *3.480*	1	PB	0,454 *1.000*
E400251914060	03030235	BT30 TF AD	C4	60,0 *2.362*	22,0 *0.866*	40,0 *1.575*	108,4 *4.268*	1	PB	0,7 *1.540*
E311451914040	03030236	BT40 TF ADB	C4	40,0 *1.575*	13,0 *0.512*	40,0 *1.575*	105,4 *4.150*	0	PB	1,1 *2.430*
E311451915050	03030237	BT40 TF ADB	C5	50,0 *1.969*	23,0 *0.906*	50,0 *1.969*	115,4 *4.543*	0	PB	1,2 *2.650*
E311451916375	03030238	BT40 TF ADB	C6	75,0 *2.953*	48,0 *1.890*	63,0 *2.480*	140,4 *5.528*	0	PB	1,7 *3.750*
E311651914040	03030239	BT50 TF ADB	C4	40,0 *1.575*	2,0 *0.079*	50,0 *1.969*	141,8 *5.583*	1	PB	3,5 *7.720*
E311651915040	03030240	BT50 TF ADB	C5	40,0 *1.575*	2,0 *0.079*	50,0 *1.969*	141,8 *5.583*	0	PB	3,4 *7.500*
E311651916350	03030241	BT50 TF ADB	C6	50,0 *1.969*	12,0 *0.472*	63,0 *2.480*	151,8 *5.976*	0	PB	3,5 *7.720*
E3116519163100	03030242	BT50 TF ADB	C6	100,0 *3.937*	62,0 *2.441*	63,0 *2.480*	201,8 *7.945*	0	PB	4,8 *10.580*
E311651918070	03030243	BT50 TF ADB	C8	70,0 *2.756*	32,0 *1.260*	80,0 *3.150*	171,8 *6.764*	0	PB	4,2 *9.260*
E3116519180120	03030244	BT50 TF ADB	C8	120,0 *4.724*	82,0 *3.228*	80,0 *3.150*	121,8 *4.795*	1	PB	5,9 *13.010*

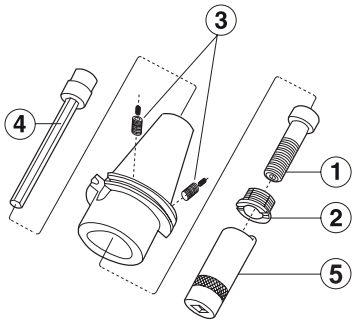
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Bouchon	Écrou de fixation
			
BT30 TF/ C3	5512063-10	–	5512091-04
BT30 TF/ C4	5512063-07	–	5512091-03
BT40 TF/ C4	5512063-07	564301701	5512091-03
BT40 TF/ C5	5512063-08	564301701	5512091-01
BT40 TF/ C6	5512063-13	564301701	5512091-02
BT50 TF/ C4	5512063-07	564301702	5512091-03
BT50 TF/ C5	5512063-08	564301702	5512091-01
BT50 TF/ C6-C8	5512063-09	564301702	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
BT30 TF/ C3	5680015-05	5680065-13
BT30 TF/ C4	5680015-05	5680065-10
BT40 TF/ C4	5680015-05	5680065-10
BT40 TF/ C5	5680015-01	5680065-11
BT40 TF/ C6	5680015-01	5680065-12
BT50 TF/ C4	5680015-05	5680065-10
BT50 TF/ C5	5680015-01	5680065-11
BT50 TF/ C6-C8	5680015-02	5680065-12

Accessoires / Pièces détachées



Accessoires :
4 = Rallonge de clé
5 = Clé

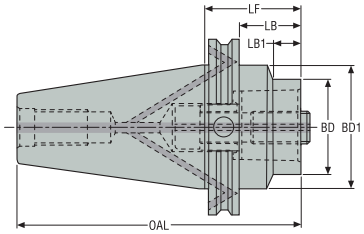
Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue
3 = Bouchons d'étanchéité

C 5191 – Seco-Capto™, porte-outils standard

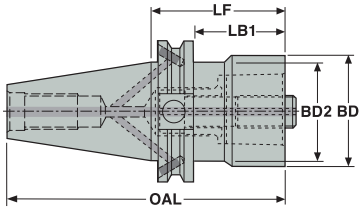
CAT TF / ASME B5.50-1994-ADB



Version 1



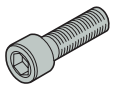
Version 2



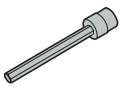
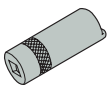
Accessoires :
4 = Rallonge de clé
5 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	LB1	BD	BD1	OAL	Conception	Logt RFID	Equili-brage	Poids
				Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*				lbs
E234251915050	03030247	CAT40 TF ADB	C5	1.969	1.220	1.220	1.969	1.750	4.660	2	1	PB	2.250
E234451914040	03030249	CAT50 TF ADB	C4	1.575	0.090	0.090	1.575	2.750	5.580	1	1	PB	6.830
E234451915040	03030250	CAT50 TF ADB	C5	1.575	0.090	0.090	1.969	2.750	5.580	1	0	-	6.610
E234451916340	03030251	CAT50 TF ADB	C6	1.575	0.120	0.120	2.480	2.750	5.580	1	0	-	6.170
E234451916390	03030252	CAT50 TF ADB	C6	3.543	2.085	2.085	2.480	2.750	7.543	1	0	-	8.600
E2344519180100	03030253	CAT50 TF ADB	C8	3.937	3.185	3.185	3.150	2.750	7.937	2	1	PB	10.140

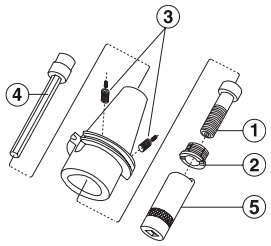
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Bouchon	Écrou de fixation
			
CAT40/ C5	5512063-08	564301701	5512091-01
CAT50/ C4	5512063-07	564301702	5512091-03
CAT50/ C5	5512063-08	564301702	5512091-01
CAT50/ C6	5512063-09	564301702	5512091-02
CAT50/ C8	5512063-09	564301702	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
CAT40/ C5	5680015-01	5680065-11
CAT50/ C4	5680015-05	5680065-10
CAT50/ C5	5680015-01	5680065-11
CAT50/ C6	5680015-02	5680065-12
CAT50/ C8	5680015-02	5680065-12

Accessoires / Pièces détachées



Accessoires :
4 = Rallonge de clé
5 = Clé

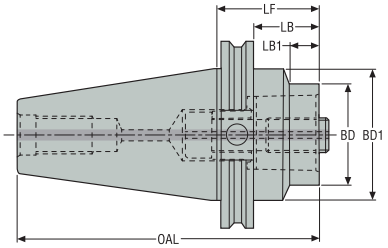
Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue
3 = Bouchons d'étanchéité

C 5191 – Seco-Capto™, porte-outils standard

CAT TF (Taper-Face), e-machine Mazak™ et Mori Seiki séries NT™



Version 1

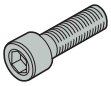


—Polygone tourné à 90° pour un positionnement précis de la pointe de l'outil

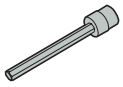
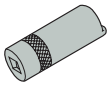
Accessoires :
4 = Rallonge de clé
5 = Clé

Références	Numéro de produit	CTMS	CTWS	LF	LB	LB1	BD	BD1	OAL	Conception	Logt RFID	Equili-brage	Poids
				Pouces	*Pouces*	*Pouces*	*Pouces*	*Pouces*	*Pouces*				lbs
E947451916350	03030255	CAT50 TF AD Mazak	C6	1.969	0.510	0.510	2.480	2.750	5.960	1	0	PB	6.830

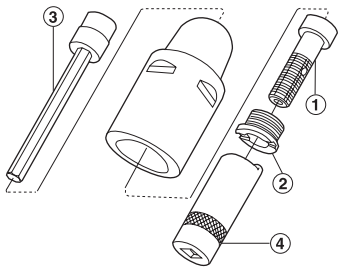
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Écrou de fixation
		
E947451916350	5512063-09	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
E947451916350	5680015-02	5680065-12

Accessoires / Pièces détachées

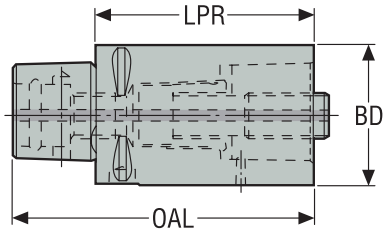


Accessoires :
3 = Rallonge de clé
4 = Unité de serrage

Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue

C 01 – Seco-Capto™, allonges
ISO 26623-1

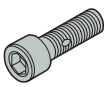




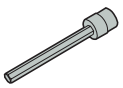
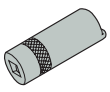
Accessoires :
3 = Rallonge de clé
4 = Unité de serrage

Références	Numéro de produit	CTMS	CTWS	LPR	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
C3-391.01-32060A	75039884	C3	C3	60,0 *2.362*	32,0 *1.260*	79,0 *3.110*	0	-	0,4 *0.880*
C3-391.01-32080A	00090847	C3	C3	80,0 *3.150*	32,0 *1.260*	99,0 *3.898*	0	-	0,5 *1.100*
C4-391.01-40060A	75039885	C4	C4	60,0 *2.362*	40,0 *1.575*	84,0 *3.307*	0	-	0,6 *1.320*
C4-391.01-40080A	02207391	C4	C4	80,0 *3.150*	40,0 *1.575*	104,0 *4.094*	0	-	0,8 *1.760*
C5-391.01-50080A	75039886	C5	C5	80,0 *3.150*	50,0 *1.969*	110,0 *4.331*	0	-	1,1 *2.430*
C5-391.01-50100A	00004773	C5	C5	100,0 *3.937*	50,0 *1.969*	130,0 *5.118*	0	-	1,4 *3.090*
C6-391.01-63100A	75039887	C6	C6	100,0 *3.937*	63,0 *2.480*	138,0 *5.433*	0	-	2,2 *4.850*
C6-391.01-63140A	00004840	C6	C6	140,0 *5.512*	63,0 *2.480*	178,0 *7.008*	0	-	3,2 *7.050*
C8-391.01-80100A	75039888	C8	C8	100,0 *3.937*	80,0 *3.150*	148,0 *5.827*	0	-	3,7 *8.160*
C8-391.01-80125A	00004841	C8	C8	125,0 *4.921*	80,0 *3.150*	173,0 *6.811*	0	-	4,7 *10.360*

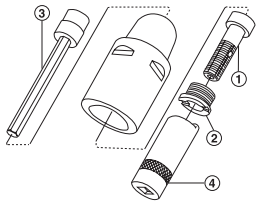
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Écrou de fixation
		
C3	5512067-01	5512091-04
C4	5512067-02	5512091-03
C5	5512067-03	5512091-01
C6	5512067-04	5512091-02
C8	5512067-04	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
C3	5680015-05	5680065-13
C4	5680015-05	5680065-10
C5	5680015-01	5680065-11
C6	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessoires / Pièces détachées



Accessoires :
3 = Rallonge de clé
4 = Unité de serrage

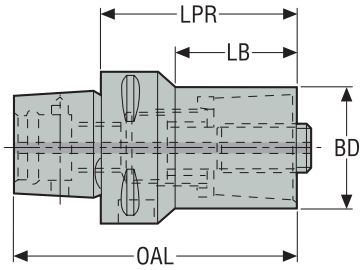
Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue

C 02 – Seco-Capto™, réductions

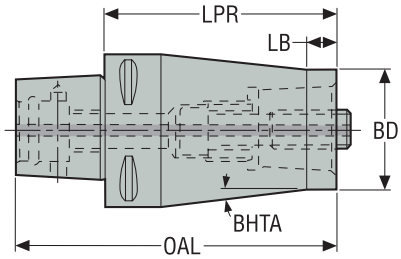
ISO 26623-1



Version 1



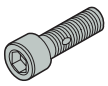
Version 2



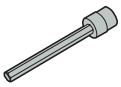
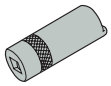
Accessoires :
3 = Rallonge de clé
4 = Unité de serrage

Références	Numéro de produit	CTMS	CTWS	LPR	LB	BD	OAL	Conception	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				kg *lbs*
C4-391.02-32055A	75039889	C4	C3	55,0 *2.165*	31,0 *1.220*	32,0 *1.260*	79,0 *3.110*	1	0	-	0,42 *0.930*
C4-391.02-32070A	02535687	C4	C3	70,0 *2.756*	–	32,0 *1.260*	94,0 *3.701*	2	0	-	0,56 *1.230*
C5-391.02-32060A	75039890	C5	C3	60,0 *2.362*	34,8 *1.370*	32,0 *1.260*	90,0 *3.543*	1	0	-	0,7 *1.540*
C5-391.02-40065A	75039891	C5	C4	65,0 *2.559*	40,0 *1.575*	40,0 *1.575*	95,0 *3.740*	1	0	-	0,8 *1.760*
C6-391.02-32070A	75039892	C6	C3	70,0 *2.756*	39,0 *1.535*	32,0 *1.260*	108,0 *4.252*	1	0	-	1,1 *2.430*
C6-391.02-40080A	75039893	C6	C4	80,0 *3.150*	51,4 *2.024*	40,0 *1.575*	118,0 *4.646*	1	0	-	1,2 *2.650*
C6-391.02-50080A	75039894	C6	C5	80,0 *3.150*	51,5 *2.028*	50,0 *1.969*	118,0 *4.646*	1	0	-	1,5 *3.310*
C6-391.02-50110A	02207400	C6	C5	110,0 *4.331*	12,0 *0.472*	50,0 *1.969*	148,0 *5.827*	2	0	-	2,2 *4.850*
C8-391.02-32060B	03080008	C8	C3	60,0 *2.362*	20,7 *0.815*	32,0 *1.260*	108,0 *4.252*	1	0	-	2,0 *4.410*
C8-391.02-40070B	03080009	C8	C4	70,0 *2.756*	31,4 *1.236*	40,0 *1.575*	118,0 *4.646*	1	0	-	2,1 *4.630*
C8-391.02-50080B	03080011	C8	C5	80,0 *3.150*	42,8 *1.685*	50,0 *1.969*	128,0 *5.039*	1	0	-	2,4 *5.290*
C8-391.02-63080B	02527212	C8	C6	80,0 *3.150*	44,5 *1.752*	63,0 *2.480*	128,0 *5.039*	1	0	-	2,6 *5.730*
C8-391.02-63120A	02207176	C8	C6	120,0 *4.724*	12,0 *0.472*	63,0 *2.480*	168,0 *6.614*	2	0	-	4,1 *9.040*

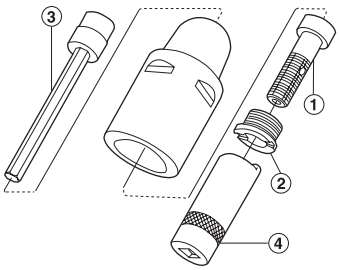
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Écrou de fixation
		
C...-32	5512067-01	5512091-04
C...-40	5512067-02	5512091-03
C...-50	5512067-03	5512091-01
C...-63	5512067-04	5512091-02

Accessoires

Pour	Rallonge de clé	Clé de serrage
		
C...-32	5680015-05	5680065-13
C...-40	5680015-05	5680065-10
C...-50	5680015-01	5680065-11
C...-63	5680015-02	5680065-12

Accessoires / Pièces détachées



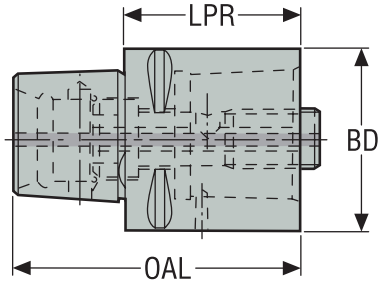
Accessoires :
3 = Rallonge de clé
4 = Unité de serrage

Pièces détachées :
1 = Vis centrale
2 = Écrou de retenue

C01 Allonges Seco-Capto ™, version courte, pour unité de serrage uniquement

ISO 26623-1



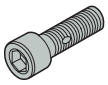


—Les réducteurs Seco-Capto™ courts côté machine ne peuvent être montés que sur des broches équipées de systèmes de serrage (et non avec vis centrale de serrage)

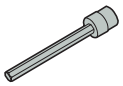
Accessoires :
3 = Rallonge de clé

Références	Numéro de produit	CTMS	CTWS	LPR	BD	OAL	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*			kg *lbs*
C3-391.01-32035	02535685	C3	C3	35,0 *1.378*	32,0 *1.260*	54,0 *2.126*	0	–	0,3 *0.660*
C4-391.01-40040	02535686	C4	C4	40,0 *1.575*	40,0 *1.575*	64,0 *2.520*	0	–	0,4 *0.880*
C5-391.01-50050	02484934	C5	C5	50,0 *1.969*	50,0 *1.969*	80,0 *3.150*	0	–	0,7 *1.540*
C6-391.01-63060	02300834	C6	C6	60,0 *2.362*	63,0 *2.480*	98,0 *3.858*	0	–	1,3 *2.870*
C8-391.01-80065	02417041	C8	C8	65,0 *2.559*	80,0 *3.150*	113,0 *4.449*	0	–	2,4 *5.290*

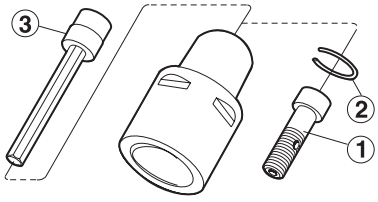
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Circlip
		
C3-391.01-32035	5512068-01	5545040-02
C4-391.01-40040	5512068-02	5545040-03
C5-391.01-50050	5512068-03	5545040-07
C6-391.01-63060	5512068-04	5545040-08
C8-391.01-80065	5512068-05	5545040-08

Accessoires

Pour	Rallonge de clé
	
C3-391.01-32035	5680015-05
C4-391.01-40040	5680015-05
C5-391.01-50050	5680015-05
C6-391.01-63060	5680015-02
C8-391.01-80065	5680015-02

Accessoires / Pièces détachées



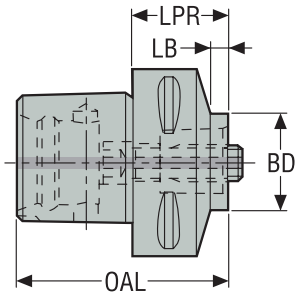
Accessoires :
3 = Rallonge de clé

Pièces détachées :
1 = Vis centrale
2 = Circlip

C02 Réductions Seco-Capto ™, version courte, pour unité de serrage uniquement

ISO 26623-1



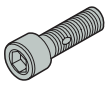


—Les réducteurs Seco-Capto™ courts côté machine ne peuvent être montés que sur des broches équipées de systèmes de serrage (et non avec vis centrale de serrage)
—* Avec un décalage de 180° côté machine par rapport à la pièce

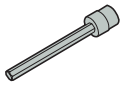
Accessoires :
3 = Rallonge de clé

Références	Numéro de produit	CTMS	CTWS	LPR	LB	BD	OAL	*	Logt RFID	Equili-brage	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*				kg *lbs*
C5-391.02-32033A	03080025	C5	C3	33,0 *1.299*	5,0 *0.197*	32,0 *1.260*	63,0 *2.480*		0	PB	0,6 *1.320*
C5-391.02-40040A	03079983	C5	C4	40,0 *1.575*	15,0 *0.591*	40,0 *1.575*	70,0 *2.756*		0	–	0,6 *1.320*
C6-391.02-32032	02535690	C6	C3	32,0 *1.260*	6,0 *0.236*	32,0 *1.260*	70,0 *2.756*		0	–	0,85 *1.870*
C6-391.02-40040	02459467	C6	C4	40,0 *1.575*	11,0 *0.433*	40,0 *1.575*	78,0 *3.071*		0	–	0,9 *1.980*
C6-391.02-50050A	03080019	C6	C5	50,0 *1.969*	20,0 *0.787*	50,0 *1.969*	88,0 *3.465*		0	–	1,1 *2.430*
C8-391.02-50045A	03080010	C8	C5	45,0 *1.772*	5,0 *0.197*	50,0 *1.969*	93,0 *3.661*		0	–	1,9 *4.190*
C8-391.02-63055A	03080012	C8	C6	55,0 *2.165*	15,0 *0.591*	63,0 *2.480*	103,0 *4.055*		0	–	2,1 *4.630*
C8-391.02R-63055A	03080030	C8	C6	55,0 *2.165*	15,0 *0.591*	63,0 *2.480*	103,0 *4.055*	*	0	–	1,9 *4.190*

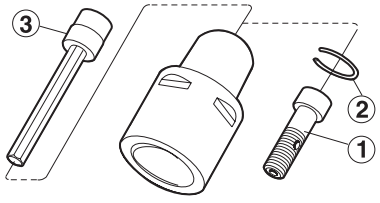
Pièces détachées, pièces incluses lors de la livraison

Pour	Vis centrale	Circlip
		
C5-391.02-32033A	5512068-01	5545040-02
C5-391.02-40040A	5512068-06	5545040-07
C6-391.02-32032	5512068-01	5545040-02
C6-391.02-40040	5512068-02	5545040-03
C6-391.02-50050A	5512068-07	5545040-08
C8-391.02-50045A	5512068-08	5545040-08
C8-391.02-63055A	5512068-05	5545040-08
C8-391.02R-63055A	5512068-05	5545040-08

Accessoires

Rallonge de clé

5680015-05
5680015-05
5680015-05
5680015-05
5680015-01
5680015-01
5680015-02
5680015-02

Accessoires / Pièces détachées



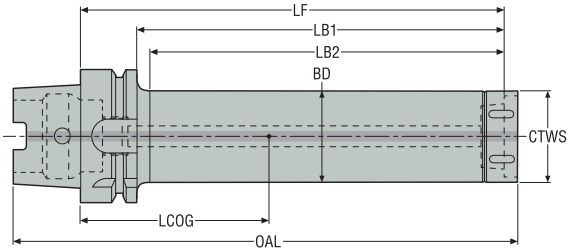
Accessoires :
3 = Rallonge de clé

Pièces détachées :
1 = Vis centrale
2 = Circlip

GL – Steadyline®, porte-outils HSK-T/A GL

Diamètres de corps 25, 32, 40 et 50 mm / *0.984, 1.260, 1.575 et 1.969 pouce*

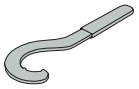




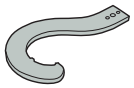
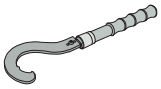
—Attachement antivibratoire dynamique, prêt à l'emploi
—Arrosage par le centre
—* Tr/min max. uniquement en alésage rotatif

Références	Numéro de produit	CTMS HSK-T/A	CTWS Taille GL	BD	LF	LB1	LB2	OAL	LCOG	Tr/min max.*	Logt RFID	Equili-brage	Poids
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lbs*
HSKTA63-GL25-130-K	03214283	HSK-T/A63	GL25	25,0 *0.984*	130,0 *5.118*	104,0 *4.094*	101,0 *3.976*	166,5 *6.555*	37,0 *1.457*	10000	1	–	1,4 *3.1*
HSKTA63-GL25-180-K	03214284	HSK-T/A63	GL25	25,0 *0.984*	180,0 *7.087*	154,0 *6.063*	151,0 *5.945*	216,5 *8.524*	57,7 *2.272*	8000	1	–	1,5 *3.3*
HSKTA63-GL25-230-K	03214285	HSK-T/A63	GL25	25,0 *0.984*	230,0 *9.055*	204,0 *8.031*	201,0 *7.913*	266,5 *10.492*	80,3 *3.161*	6000	1	–	1,5 *3.3*
E9374-D32-160-GL32	03029521	HSK-T/A63	GL32	32,0 *1.260*	160,0 *6.299*	134,0 *5.276*	128,0 *5.039*	197,4 *7.772*	58,92 *2.320*	10000	1	–	1,6 *3.5*
E9374-D32-224-GL32	03029522	HSK-T/A63	GL32	32,0 *1.260*	224,0 *8.819*	198,0 *7.795*	192,0 *7.559*	261,4 *10.291*	90,22 *3.552*	8000	1	–	2,0 *4.4*
E9374-D40-208-GL40	03029523	HSK-T/A63	GL40	40,0 *1.575*	208,0 *8.189*	182,0 *7.165*	176,0 *6.929*	246,4 *9.701*	92,78 *3.653*	8000	1	–	2,7 *6.0*
E9374-D40-288-GL40	03029524	HSK-T/A63	GL40	40,0 *1.575*	288,0 *11.339*	262,0 *10.315*	256,0 *10.079*	326,4 *12.850*	134,37 *5.290*	6000	1	–	3,5 *7.7*
E9374-D50-268-GL50	03029525	HSK-T/A63	GL50	50,0 *1.969*	268,0 *10.551*	242,0 *9.528*	240,5 *9.469*	307,4 *12.102*	131,8 *5.189*	6000	1	–	4,8 *10.6*
E9374-D50-368-GL50	03029526	HSK-T/A63	GL50	50,0 *1.969*	368,0 *14.488*	342,0 *13.465*	340,5 *13.406*	407,4 *16.039*	184,79 *7.275*	4000	1	–	6,4 *14.1*
E9376-D32-160-GL32	03029527	HSK-T/A100	GL32	32,0 *1.260*	160,0 *6.299*	131,0 *5.157*	125,0 *4.921*	215,4 *8.480*	32,87 *1.294*	10000	1	–	3,0 *6.6*
E9376-D32-224-GL32	03029528	HSK-T/A100	GL32	32,0 *1.260*	224,0 *8.819*	195,0 *7.677*	189,0 *7.441*	279,4 *11.000*	54,97 *2.164*	8000	1	–	3,4 *7.5*
E9376-D32-288-GL32	03029529	HSK-T/A100	GL32	32,0 *1.260*	288,0 *11.339*	259,0 *10.197*	253,0 *9.961*	343,4 *13.520*	80,51 *3.170*	6000	1	–	3,8 *8.4*
E9376-D40-208-GL40	03029530	HSK-T/A100	GL40	40,0 *1.575*	208,0 *8.189*	179,0 *7.047*	173,0 *6.811*	264,4 *10.409*	62,83 *2.474*	8000	1	–	4,1 *9.0*
E9376-D40-288-GL40	03029531	HSK-T/A100	GL40	40,0 *1.575*	288,0 *11.339*	259,0 *10.197*	253,0 *9.961*	344,4 *13.559*	98,31 *3.870*	6000	1	–	4,9 *10.8*
E9376-D40-368-GL40	03029532	HSK-T/A100	GL40	40,0 *1.575*	368,0 *14.488*	339,0 *13.346*	333,0 *13.110*	424,4 *16.709*	139,77 *5.503*	5000	1	–	5,8 *12.8*
E9376-D50-268-GL50	03029533	HSK-T/A100	GL50	50,0 *1.969*	268,0 *10.551*	239,0 *9.409*	234,0 *9.213*	325,4 *12.811*	104,26 *4.105*	6000	1	–	6,2 *13.7*
E9376-D50-368-GL50	03029534	HSK-T/A100	GL50	50,0 *1.969*	368,0 *14.488*	339,0 *13.346*	334,0 *13.150*	425,4 *16.748*	154,26 *6.073*	4000	1	–	7,8 *17.2*
E9376-D50-468-GL50	03029535	HSK-T/A100	GL50	50,0 *1.969*	468,0 *18.425*	439,0 *17.283*	434,0 *17.087*	525,4 *20.685*	211,61 *8.331*	2500	1	–	9,7 *21.4*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Clé
	
GL25	SL25
GL32	SL32
GL40	SL40
GL50	SL50

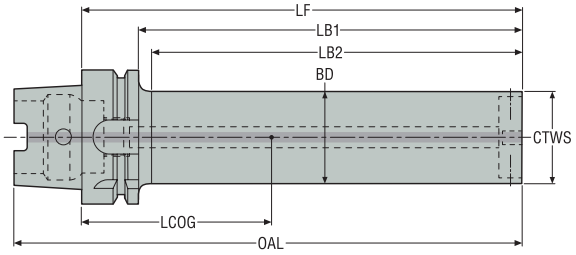
Accessoires

Embout interchangeable	Clé dynamo-métrique
	
SL00-25	SL00-25.250
SL00-32	SL00-32.250
SL00-40	SL00-40.350
SL00-50	SL00-50.550

BA – Steadyline®, porte-outils HSK T/A-BA

Diamètres de corps 60 et 80 mm / *2.362 et 3.150 pouces*

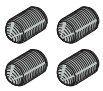




—Attachement antivibratoire dynamique, prêt à l'emploi
—Nécessite l'utilisation d'adaptateurs BA/GL pour le montage des têtes de tournage GL
—Arrosage par le centre
—* Tr/min max. uniquement en alésage rotatif

Références	Numéro de produit	CTMS Taille HSK-T/A	CTWS BA connection	BD	LF	LB1	LB2	OAL	LCOG	Tr/min max.*	Logt RFID	Equili-brage	Poids
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lbs*
E9376-D60-301-BA060	03062828	HSK-T/A100	BA060	60,0 *2.362*	301,0 *11.850*	272,0 *10.709*	267,0 *10.512*	351,0 *13.819*	133,05 *5.238*	4000	1	PB	8,9 *19.6*
E9376-D60-421-BA060	03062829	HSK-T/A100	BA060	60,0 *2.362*	421,0 *16.575*	392,0 *15.433*	387,0 *15.236*	471,0 *18.543*	197,17 *7.763*	3000	1	PB	11,8 *26.0*
E9376-D60-541-BA060	03062830	HSK-T/A100	BA060	60,0 *2.362*	541,0 *21.299*	512,0 *20.157*	507,0 *19.961*	591,0 *23.268*	260,56 *10.258*	2000	1	PB	14,5 *32.0*
E9376-D80-421-BA080	03064109	HSK-T/A100	BA080	80,0 *3.150*	421,0 *16.575*	392,0 *15.433*	387,0 *15.236*	471,0 *18.543*	209,68 *8.255*	3000	1	PB	19,4 *42.8*
E9376-D80-581-BA080	03064111	HSK-T/A100	BA080	80,0 *3.150*	581,0 *22.874*	552,0 *21.732*	547,0 *21.535*	631,0 *24.843*	295,45 *11.632*	2000	1	PB	25,6 *56.4*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de serrage
	
BA060	90FQ4
BA080	90FQ52

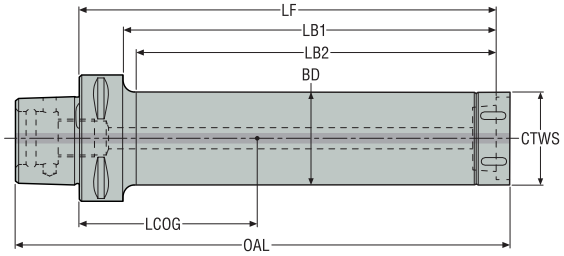
Accessoires

Pour taille	Clé
	
BA060	03H04
BA080	03H05

GL – Steadyline®, porte-outils GL

Diamètres de corps 25, 32, 40 et 50 mm / *0.984, 1.260, 1.575 et 1.969 pouce*



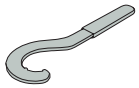


—Attachement antivibratoire dynamique, prêt à l'emploi
—Arrosage par le centre
—* Tr/min max. uniquement en alésage rotatif

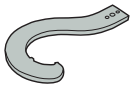
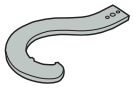
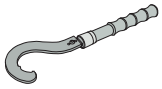
Références	Numéro de produit	CTMS Taille Seco-Capto™	CTWS Taille GL	BD	LF	LB1	LB2	OAL	LCOG	Tr/min max.*	Logt RFID	Equili-brage	Poids
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lbs*
C4-D25-130-GL25	03214272	C4	GL25	25,0 *0.984*	130,0 *5.118*	110,0 *4.331*	107,0 *4.213*	158,5 *6.240*	51,8 *2.039*	10000	0	PB	0,9 *2.0*
C4-D25-180-GL25	03214273	C4	GL25	25,0 *0.984*	180,0 *7.087*	160,0 *6.299*	157,0 *6.181*	208,5 *8.209*	77,2 *3.039*	8000	0	PB	1,2 *2.7*
C4-D32-160-GL32	02807837	C4	GL32	32,0 *1.260*	160,0 *6.299*	140,0 *5.512*	137,0 *5.394*	189,4 *7.457*	74,73 *2.942*	10000	0	PB	1,4 *3.1*
C4-D32-224-GL32	02807838	C4	GL32	32,0 *1.260*	224,0 *8.819*	204,0 *8.031*	201,0 *7.913*	253,4 *9.976*	109,16 *4.298*	8000	0	PB	1,7 *3.8*
C5-D25-130-GL25	03214274	C5	GL25	25,0 *0.984*	130,0 *5.118*	110,0 *4.331*	107,0 *4.213*	164,5 *6.476*	41,8 *1.646*	10000	1	PB	1,1 *2.4*
C5-D25-180-GL25	03214275	C5	GL25	25,0 *0.984*	180,0 *7.087*	160,0 *6.299*	157,0 *6.181*	214,5 *8.445*	65,1 *2.563*	8000	1	PB	1,3 *2.9*
C5-D25-230-GL25	03214276	C5	GL25	25,0 *0.984*	230,0 *9.055*	210,0 *8.268*	207,0 *8.150*	264,5 *10.413*	89,8 *3.535*	6000	1	PB	1,5 *3.3*
C5-D32-160-GL32	02807840	C5	GL32	32,0 *1.260*	160,0 *6.299*	140,0 *5.512*	136,0 *5.354*	195,4 *7.693*	65,15 *2.565*	10000	1	PB	1,6 *3.5*
C5-D32-224-GL32	02807841	C5	GL32	32,0 *1.260*	224,0 *8.819*	204,0 *8.031*	200,0 *7.874*	259,4 *10.213*	98,47 *3.877*	8000	1	PB	2,0 *4.4*
C5-D32-288-GL32	02807842	C5	GL32	32,0 *1.260*	288,0 *11.339*	268,0 *10.551*	264,0 *10.394*	323,4 *12.732*	133,61 *5.260*	6000	1	PB	2,2 *4.9*
C5-D40-208-GL40	02807843	C5	GL40	40,0 *1.575*	208,0 *8.189*	188,0 *7.402*	184,0 *7.244*	244,4 *9.622*	98,32 *3.871*	8000	1	PB	2,8 *6.2*
C5-D40-288-GL40	02807844	C5	GL40	40,0 *1.575*	288,0 *11.339*	268,0 *10.551*	264,0 *10.394*	324,4 *12.772*	140,88 *5.546*	6000	1	PB	3,3 *7.3*
C6-D25-130-GL25	03214277	C6	GL25	25,0 *0.984*	130,0 *5.118*	105,0 *4.134*	102,0 *4.016*	172,5 *6.791*	30,4 *1.197*	10000	1	PB	1,6 *3.5*
C6-D25-180-GL25	03214278	C6	GL25	25,0 *0.984*	180,0 *7.087*	155,0 *6.102*	152,0 *5.984*	222,5 *8.760*	49,3 *1.941*	8000	1	PB	1,5 *3.3*
C6-D25-230-GL25	03214279	C6	GL25	25,0 *0.984*	230,0 *9.055*	205,0 *8.071*	202,0 *7.953*	272,5 *10.728*	70,2 *2.764*	6000	1	PB	1,7 *3.8*
C6-D32-160-GL32	02807846	C6	GL32	32,0 *1.260*	160,0 *6.299*	135,0 *5.315*	129,0 *5.079*	203,4 *8.008*	52,06 *2.050*	10000	1	PB	1,8 *4.0*
C6-D32-224-GL32	02807847	C6	GL32	32,0 *1.260*	224,0 *8.819*	199,0 *7.835*	193,0 *7.598*	267,4 *10.528*	82,17 *3.235*	8000	1	PB	2,2 *4.9*
C6-D32-288-GL32	02807848	C6	GL32	32,0 *1.260*	288,0 *11.339*	263,0 *10.354*	257,0 *10.118*	331,4 *13.047*	114,87 *4.522*	6000	1	PB	2,6 *5.7*
C6-D40-208-GL40	02807849	C6	GL40	40,0 *1.575*	208,0 *8.189*	183,0 *7.205*	177,0 *6.969*	252,4 *9.937*	86,42 *3.402*	8000	1	PB	2,9 *6.4*
C6-D40-288-GL40	02807850	C6	GL40	40,0 *1.575*	288,0 *11.339*	263,0 *10.354*	257,0 *10.118*	332,4 *13.087*	127,5 *5.020*	6000	1	PB	3,7 *8.2*
C6-D40-368-GL40	02807851	C6	GL40	40,0 *1.575*	368,0 *14.488*	343,0 *13.504*	337,0 *13.268*	412,4 *16.236*	173,14 *6.817*	5000	1	PB	4,6 *10.1*
C6-D50-268-GL50	02807852	C6	GL50	50,0 *1.969*	268,0 *10.551*	243,0 *9.567*	238,0 *9.370*	313,4 *12.339*	126,6 *4.984*	6000	1	PB	5,4 *11.9*
C6-D50-368-GL50	02807853	C6	GL50	50,0 *1.969*	368,0 *14.488*	343,0 *13.504*	338,0 *13.307*	413,4 *16.276*	179,44 *7.065*	4000	1	PB	6,6 *14.6*
C6-D50-468-GL50	02807854	C6	GL50	50,0 *1.969*	468,0 *18.425*	443,0 *17.441*	438,0 *17.244*	513,4 *20.213*	238,49 *9.389*	2500	1	PB	8,5 *18.7*

Références	Numéro de produit	CTMS Taille Seco-Capto™	CTWS Taille GL	BD	LF	LB1	LB2	OAL	LCOG	Tr/min max.*	Logt RFID	Equili-brage	Poids
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lbs*
C8-D32-224-GL32	03029356	C8	GL32	32,0 *1.260*	224,0 *8.819*	191,0 *7.520*	181,0 *7.126*	277,4 *10.921*	58,17 *2.290*	8000	1	PB	3,2 *7.1*
C8-D32-288-GL32	03029357	C8	GL32	32,0 *1.260*	288,0 *11.339*	255,0 *10.039*	245,0 *9.646*	341,4 *13.441*	84,7 *3.335*	6000	1	PB	3,6 *7.9*
C8-D40-288-GL40	03029358	C8	GL40	40,0 *1.575*	288,0 *11.339*	255,0 *10.039*	245,0 *9.646*	342,4 *13.480*	102,14 *4.021*	6000	1	PB	4,7 *10.4*
C8-D40-368-GL40	03029359	C8	GL40	40,0 *1.575*	368,0 *14.488*	335,0 *13.189*	325,0 *12.795*	422,4 *16.630*	144,04 *5.671*	5000	1	PB	5,6 *12.4*
C8-D50-268-GL50	03029360	C8	GL50	50,0 *1.969*	268,0 *10.551*	235,0 *9.252*	225,0 *8.858*	323,4 *12.732*	107,59 *4.236*	6000	1	PB	5,9 *13.0*
C8-D50-368-GL50	03029361	C8	GL50	50,0 *1.969*	368,0 *14.488*	335,0 *13.189*	325,0 *12.795*	423,4 *16.669*	158,08 *6.224*	4000	1	PB	7,5 *16.5*
C8-D50-468-GL50	03029362	C8	GL50	50,0 *1.969*	468,0 *18.425*	435,0 *17.126*	425,0 *16.732*	523,4 *20.606*	215,6 *8.488*	2500	1	PB	9,4 *20.7*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Clé
	
GL25	SL25
GL32	SL32
GL40	SL40
GL50	SL50

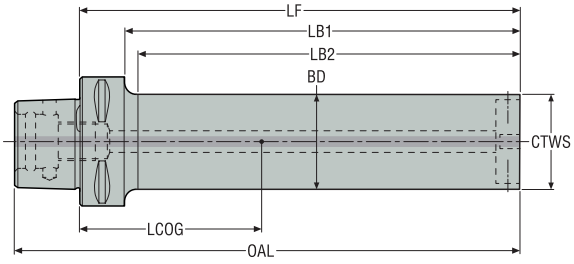
Accessoires

Pour taille	Embout interchangeable	Embout interchangeable	Clé dynamo-métrique
			
GL25	–	–	–
GL25	SL00-25	–	SL00-25.250
GL25	–	SL00-25	SL00-25.250
GL32	SL00-32	–	SL00-32.250
GL40	SL00-40	–	SL00-40.350
GL50	SL00-50	–	SL00-50.550

BA – Steadyline®, porte-outils BA

Diamètres de corps 60 et 80 mm / *2.362 et 3.150 pouces*

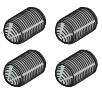




- Attachement antivibratoire dynamique, prêt à l'emploi
- Nécessite l'utilisation d'adaptateurs BA/GL pour le montage des têtes de tournage GL
- Arrosage par le centre
- * Tr/min max. uniquement en alésage rotatif

Références	Numéro de produit	CTMS Taille Seco-Capto™	CTWS Taille BA	BD	LF	LB1	LB2	OAL	LCOG	Tr/min max.*	Logt RFID	Equili-brage	Poids
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lbs*
C6-D60-301-BA060	03062831	C6	BA060	60,0 *2.362*	301,0 *11.850*	276,0 *10.866*	273,0 *10.748*	339,0 *13.346*	151,74 *5.974*	4000	1	PB	7,8 *17.2*
C6-D60-421-BA060	03062832	C6	BA060	60,0 *2.362*	421,0 *16.575*	396,0 *15.591*	393,0 *15.472*	459,0 *18.071*	218,63 *8.607*	3000	1	PB	10,6 *23.4*
C8-D60-301-BA060	03062833	C8	BA060	60,0 *2.362*	301,0 *11.850*	268,0 *10.551*	263,0 *10.354*	349,0 *13.740*	137,04 *5.395*	4000	1	PB	8,6 *19.0*
C8-D60-421-BA060	03062834	C8	BA060	60,0 *2.362*	421,0 *16.575*	388,0 *15.276*	383,0 *15.079*	469,0 *18.465*	202,5 *7.972*	3000	1	PB	11,4 *25.1*
C8-D60-541-BA060	03062835	C8	BA060	60,0 *2.362*	541,0 *21.299*	508,0 *20.000*	503,0 *19.803*	589,0 *23.189*	266,78 *10.503*	2000	1	PB	14,0 *30.9*
C8-D80-421-BA080	03065829	C8	BA080	80,0 *3.150*	421,0 *16.575*	388,0 *15.276*	383,0 *15.079*	469,0 *18.465*	213,89 *8.421*	3000	1	PB	18,8 *41.5*
C8-D80-581-BA080	03065830	C8	BA080	80,0 *3.150*	581,0 *22.874*	548,0 *21.575*	543,0 *21.378*	629,0 *24.764*	300,38 *11.826*	2000	1	PB	25,1 *55.3*

Pièces détachées, pièces incluses lors de la livraison

Pour taille	Vis de serrage
	
BA060	90FQ4
BA080	90FQ52

Accessoires

Pour taille	Clé
	
BA060	03H04
BA080	03H05

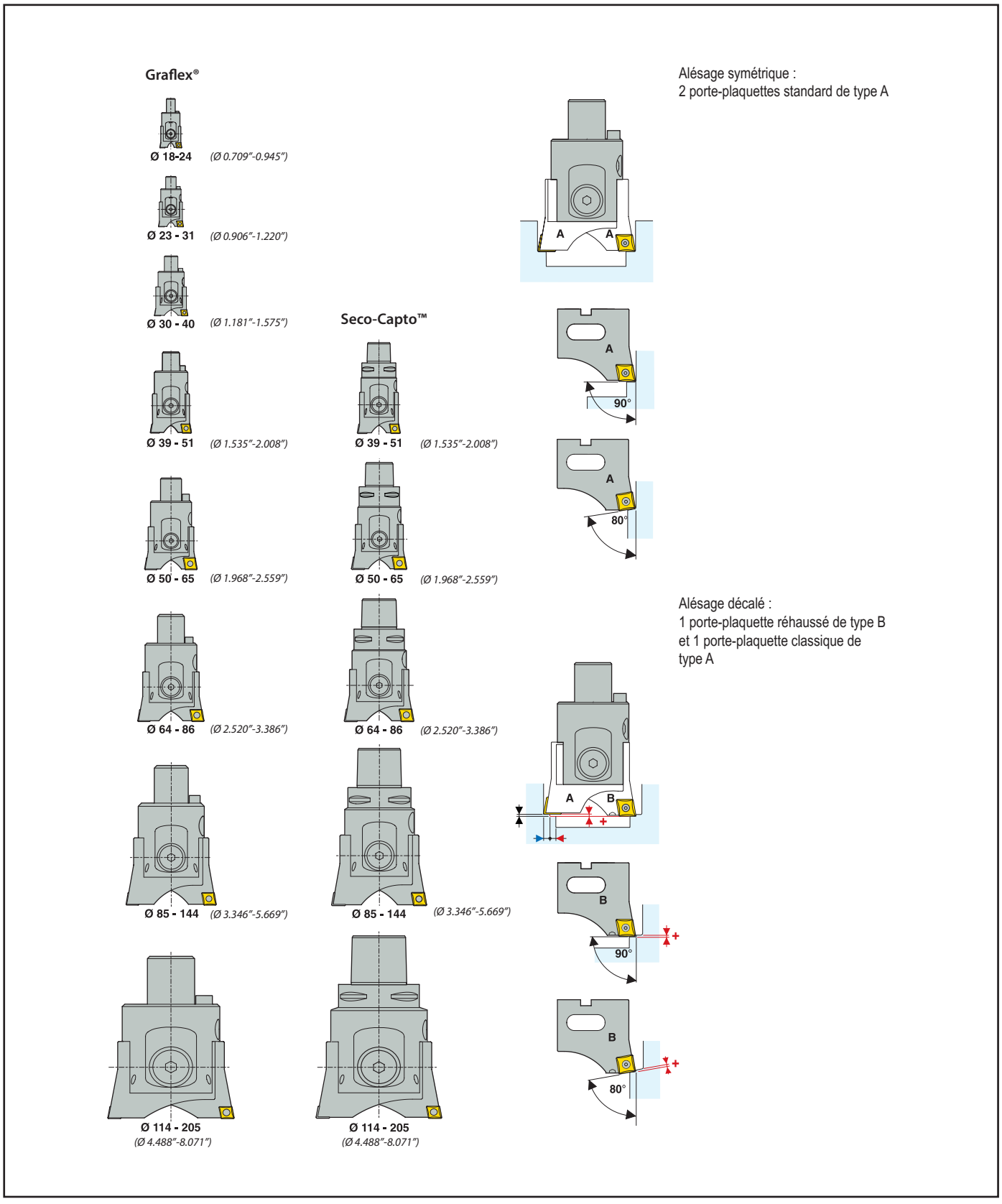


Alésage d'ébauche

La gamme de produits d'alésage d'ébauche de Seco maximise les débits copeaux et la précision grâce à des performances fiables et précises. Conçue pour des conceptions symétriques et décalées. Les solutions d'amortissement des vibrations Steadyline™ complètent la gamme pour offrir des niveaux de stabilité encore plus élevés pour l'usinage de cavités profondes, où de longs porte-à-faux d'outil sont nécessaires.

- Les têtes à aléser d'ébauche RB 750 assurent les performances d'alésage d'ébauche les plus élevées possible
- Les têtes à aléser d'ébauche RB 610 sont courtes, simples, robustes pour les opérations d'ébauche

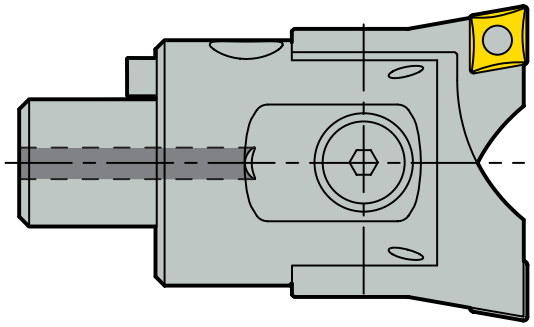
Présentation des têtes à aléser d'ébauche



Caractéristiques

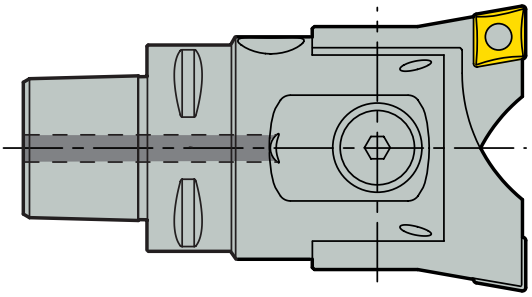
Têtes à aléser d'ébauche Graflex®

– Ø 18 à 205 mm *(0.709-8.071")*
– 8 têtes à aléser d'ébauche RB 750 avec connexion Graflex® pour alésages du Ø 18 à 205 mm *(0.709-8.071")*



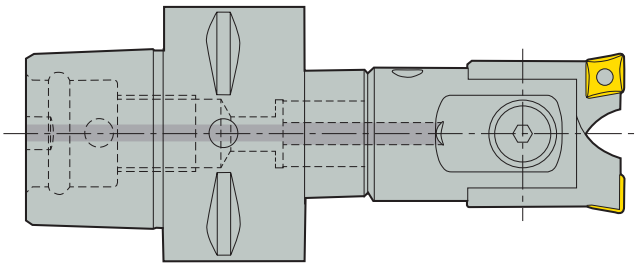
Têtes à aléser d'ébauche Seco-Capto™

– **Remarque :** La taille minimum d'alésage de la plus petite tête à aléser d'ébauche Seco-Capto™ est de Ø 39 mm *(1.535")* avec la plus petite connexion Capto™ C3 disponible.
– Pour des Ø 18 à 40 mm *(0.709-1.575")*, utiliser des têtes à aléser Graflex® avec tailles de connexion G0 à G2 en adéquation avec l'adaptateur Seco-Capto™/Graflex®.



Têtes à aléser d'ébauche Seco-Capto™

– **Remarque :** les caractéristiques & instructions (ajustement porte-plaquettes, réglage diamètre, instructions alésage en tirant, incidents et remèdes, conditions d'usinage recommandées, vitesses maximales), les porte-plaquettes et les plaquette appropriés sont similaires pour deux types de tête à aléser d'ébauche RB 750 de capacité d'alésage similaire , indépendamment du type de connexion.
– Assemblages modulaires et conditions de coupe adaptateurs et extensions modulaires Seco-Capto™ et Graflex® : voir le catalogue des Systèmes d'attachements.

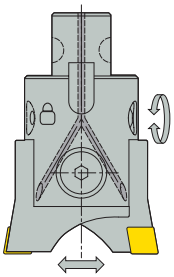


Caractéristiques

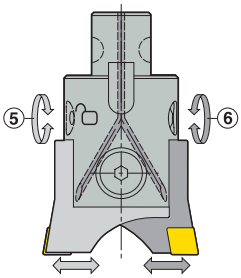
Une tête à aléser d'ébauche complète est la combinaison d'un corps (tête) et de 2 porte-plaquettes.

Le réglage simultané ou séparé des porte-plaquettes est possible :

Réglage simultané par le mécanisme d'accouplement du porte-plaquettes (excepté sur la plus petite taille pour les Ø de 18 à 24 mm) *(0.709-0.9445")*. Les vis de réglages agissent simultanément sur chaque porte-plaquette (grâce à un mécanisme d'accouplement). Le réglage du diamètre est possible sans préréglage (1 incrément = 0,1 mm *(0.004")* sur le diamètre).
Un réglage individuel est également possible : désengager le mécanisme d'accouplement de sorte que chaque vis de réglage agisse uniquement sur son porte-plaquette.



Réglage simultané



Réglage indépendant

Alésage symétrique :

L'alésage symétrique signifie que les deux arêtes de coupe sont réglées au même diamètre : il nécessite deux porte-plaquettes classiques identiques type A (angle d'attaque identique).

Alésage décalé :

L'alésage en décalé signifie qu'une arête de coupe est décalée en tant qu'arrête de coupe de tête agissant sur un plus petit diamètre que la seconde arête de coupe réglée sur le diamètre final à obtenir : il nécessite un porte-plaquette standard de type A et un porte-plaquette rehaussé de type B, assurant le décalage axial nécessaire (+).

Porte-plaquettes avec angle d'attaque de 90° ou 80°

Les porte-plaquettes A75…CC… et A75…CP…disposent d'un angle d'attaque à 90° pour les plaquettes ovales : ils sont plus particulièrement adaptés aux trous borgnes et nécessitent un couple à la broche moins important.
Les porte-plaquettes A75...SC...disposent d'un angle d'attaque à 80° pour les plaquettes carrées : ils sont plus particulièrement adaptés aux trous débouchants et aux utilisations intensives. L'orientation des arêtes de coupe est conforme à la norme ISO.

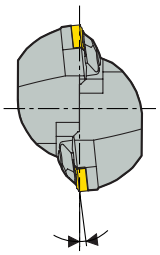
Types de porte-plaquettes CC, CP, SC ou CN

Les porte-plaquettes A750...CC....., A750...CP..... et A750 ...SC...disposent d'un angle d'attaque à 0° (GAMO) et d'un angle d'inclinaison à 0° (LAMS).

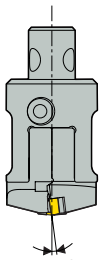
Les porte-plaquettes A750...CN...disposent d'un angle d'attaque à -6° (GAMO) et d'un angle d'inclinaison à -6°(LAMS). Cela permet d'utiliser les plaquettes « négatives » CNMM et particulièrement les plaquettes multi-arêtes CNMG avec 4 arêtes de coupe.

Dans ce cas, il est particulièrement important de sélectionner la plaquette CN recommandée et de respecter les paramètres de coupe recommandés (voir page 632).

L'utilisation d'autres plaquettes et de conditions de coupe inadaptées peut entrainer des dommages sur la machine et la pièce.



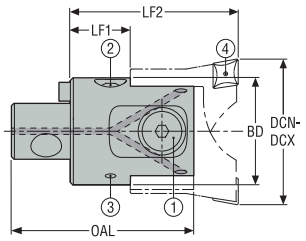
GAMO



LAMS

RB750
Graflex®



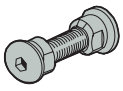


1. Vis d'assemblage
2. Vis de réglage
3. Vis d'accouplement/désaccouplement du mécanisme
4. Vis de plaquette

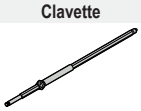
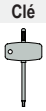
—Possibilité d'alésage en symétrique ou position décalée
—Réglage simultané par le mécanisme d'accouplement des porte-plaquettes

Références	Numéro de produit	Côté machine Taille Graflex	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Mode de réglage simultané		Mode de réglage indépendant		Vit. max Tr/min
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	Oui	Non	Oui	Non	
A75000	00026687	G0	18,0 *0.709*	24,0 *0.945*	38,0 *1.496*	12,5 *0.492*	35,0 *1.378*	16,5 *0.650*	0,1 *0.220*		■	■		15000
A75010	00026688	G1	23,0 *0.906*	31,0 *1.220*	42,5 *1.673*	13,5 *0.531*	40,0 *1.575*	21,5 *0.846*	0,1 *0.220*	■		■		12000
A75020	00026689	G2	30,0 *1.181*	40,0 *1.575*	51,0 *2.008*	16,0 *0.630*	46,0 *1.811*	27,0 *1.063*	0,2 *0.440*	■		■		9500
A75030	00026690	G3	39,0 *1.535*	51,0 *2.008*	69,0 *2.717*	24,0 *0.945*	65,0 *2.559*	35,0 *1.378*	0,3 *0.660*	■		■		7500
A75040	00026691	G4	50,0 *1.969*	65,0 *2.559*	78,0 *3.071*	27,0 *1.063*	72,0 *2.835*	43,0 *1.693*	0,5 *1.100*	■		■		5700
A75050	00026692	G5	64,0 *2.520*	86,0 *3.386*	92,0 *3.622*	30,0 *1.181*	82,0 *3.228*	54,0 *2.126*	0,9 *1.980*	■		■		4500
A75060	00026693	G6	85,0 *3.346*	144,0 *5.669*	119,0 *4.685*	37,0 *1.457*	105,0 *4.134*	70,0 *2.756*	1,8 *3.970*	■		■		3500
A75070	00026694	G7	114,0 *4.488*	205,0 *8.071*	143,0 *5.630*	39,0 *1.535*	120,0 *4.724*	95,0 *3.740*	3,7 *8.160*	■		■		2500

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Tenon
		
A75000	90A75000	90M0
A75010	90A75010	90M11
A75020	90A75020	90M21
A75030	90A75030	90M31
A75040	90A75040	90M41
A75050	90A75050	90M51
A75060	90A75060	90M61
A75070	90A75070	90M71

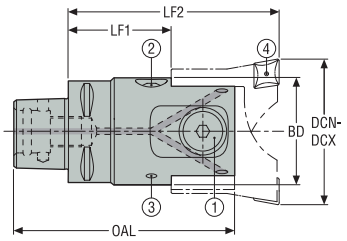
Accessoires

Pour tête	Clé	Clavette	Clé	Clé (Poignée-T)	Clé
					
A75000	03HL03	–	H4B-T07P	DOUBLE-T	H1.5-2D
A75010	03HL03	H4B-T06P	H4B-T07P	DOUBLE-T	H1.5-2D
A75020	03HL04	H4B-T07P	–	DOUBLE-T	H2.0-2D
A75030	03HL05	H4B-T08P	–	DOUBLE-T	H2.0-2D
A75040	03HL05	H4B-T09P	–	DOUBLE-T	H2.5-2D
A75050	03HL06	–	–	DOUBLE-T	03M03C
A75060	03HL08	–	–	DOUBLE-T	–
A75070	03HL10	H4B-T15P	H4B-T15PL	DOUBLE-T	–

RB750

Seco-Capto™



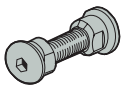


1. Vis d'assemblage
2. Vis de réglage
3. Vis d'accouplement/désaccouplement du mécanisme
4. Vis de plaquette

—Possibilité d'alésage en symétrique ou position décalée
—Réglage simultané par le mécanisme d'accouplement des porte-plaquettes

Références	Numéro de produit	Côté machine	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Mode de réglage simultané		Mode de réglage indépendant		Vit. max Tr/min
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	Oui	Non	Oui	Non	
C3-391.0750-30	02809726	C3	39,0 *1.535*	51,0 *2.008*	73,0 *2.874*	29,0 *1.142*	70,0 *2.756*	35,0 *1.378*	0,3 *0.660*	■		■		7500
C4-391.0750-40	02809728	C4	50,0 *1.969*	65,0 *2.559*	88,0 *3.465*	37,0 *1.457*	82,0 *3.228*	43,0 *1.693*	0,6 *1.320*	■		■		5700
C5-391.0750-50	02809733	C5	64,0 *2.520*	86,0 *3.386*	102,0 *4.016*	40,0 *1.575*	92,0 *3.622*	54,0 *2.126*	1,1 *2.430*	■		■		4500
C6-391.0750-60	02809735	C6	85,0 *3.346*	144,0 *5.669*	129,0 *5.079*	49,0 *1.929*	117,0 *4.606*	70,0 *2.756*	1,9 *4.190*	■		■		3500
C8-391.0750-70	02809736	C8	114,0 *4.488*	205,0 *8.071*	159,0 *6.260*	57,0 *2.244*	138,0 *5.433*	95,0 *3.740*	4,1 *9.040*	■		■		2500

Pièces détachées, pièces incluses lors de la livraison

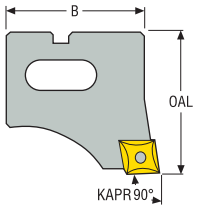
Pour tête	Vis de montage
	
C3-...-30	90A75030
C4-...-40	90A75040
C5-...-50	90A75050
C6-...-60	90A75060
C8-...-70	90A75070

Accessoires

Pour tête	Clé	Clavette	Clé (Poignée-T)	Clé
				
C3-...-30	03HL05	H4B-T08P	DOUBLE-T	H2.0-2D
C4-...-40	03HL05	H4B-T09P	DOUBLE-T	H2.5-2D
C5-...-50	03HL06	–	DOUBLE-T	03M03C
C6-...-60	03HL08	–	DOUBLE-T	–
C8-...-70	03HL10	–	DOUBLE-T	–

Porte-plaquettes 90° pour plaquettes CC.. et CP..





—Pour montage sur têtes RB 750
—L'alésage en symétrique nécessite deux porte-plaquettes de type A
—L'alésage en décalé nécessite un porte-plaquette de type A classique et un porte-plaquette de type B rehaussé

Références	Numéro de produit	Type de porte-plaquettes	Pour tête	Capacité DCN-DCX ∅		OAL	B	Poids	KRINS°	Taille de plaquette adaptée
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
A75000CP0590	00026695	Classique	RB 75000	18,0 *0.709*	24,0 *0.945*	22,5 *0.886*	16,5 *0.650*	0,1 *0.2*	90	CP...0502...
A75010CC0690	00026696	Classique	RB 75010	23,0 *0.906*	31,0 *1.220*	26,5 *1.043*	21,5 *0.846*	0,1 *0.2*	90	CC...0602...
A75020CC0690	00026697	Classique	RB 75020	30,0 *1.181*	40,0 *1.575*	30,0 *1.181*	27,0 *1.063*	0,04 *0.1*	90	CC...0602...
A75030CC0990	00026698	Classique	RB 75030	39,0 *1.535*	51,0 *2.008*	41,0 *1.614*	35,0 *1.378*	0,1 *0.2*	90	CC...09T3...
A75040CC1290	00026699	Classique	RB 75040	50,0 *1.969*	65,0 *2.559*	45,0 *1.772*	43,0 *1.693*	0,2 *0.4*	90	CC...1204...
A75050CC1290	00026700	Classique	RB 75050	64,0 *2.520*	86,0 *3.386*	52,0 *2.047*	54,0 *2.126*	0,3 *0.7*	90	CC...1204...
A75060CC1290	00026701	Classique	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	70,0 *2.756*	0,6 *1.3*	90	CC...1204...
A75060CC1690	00030763	Classique	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	70,0 *2.756*	0,6 *1.3*	90	CC...1605...
A75065CC1290	00026702	Classique	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	100,0 *3.937*	0,9 *2.0*	90	CC...1204...
A75065CC1690	00030765	Classique	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	100,0 *3.937*	0,9 *2.0*	90	CC...1605...
A75070CC1290	00026703	Classique	RB 75070	114,0 *4.488*	160,0 *6.299*	81,0 *3.189*	95,0 *3.740*	1,3 *2.9*	90	CC...1204...
A75070CC1690	00030766	Classique	RB 75070	114,0 *4.488*	160,0 *6.299*	81,0 *3.189*	95,0 *3.740*	1,2 *2.7*	90	CC...1605...
A75075CC1290	00026704	Classique	RB 75070	159,0 *6.260*	205,0 *8.071*	81,0 *3.189*	141,0 *5.551*	2,0 *4.4*	90	CC...1204...
A75075CC1690	00030771	Classique	RB 75070	159,0 *6.260*	205,0 *8.071*	81,0 *3.189*	141,0 *5.551*	2,0 *4.4*	90	CC...1605...

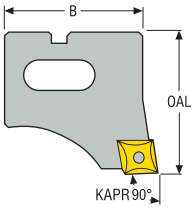
Pièces détachées, pièces incluses lors de la livraison

Pour taille de plaquette	Clé	Clé (Poignée-T)	Vis
			
CC...0602...	H4B-T07P	DOUBLE-T	C02504-T07P
CC...09T3...	H4B-T15P	DOUBLE-T	C04008-T15P
CC...1204...	H4B-T15P	DOUBLE-T	C05012-T15P
CC...1605...	H4B-T15P	DOUBLE-T	C05012-T15P
CP...0502...	H4B-T07P	DOUBLE-T	C02245-T07P

Pour les plaquettes d'alésage en ébauche recommandées, voir page(s) 632

Porte-plaquettes 90° pour plaquettes CC.. et CP..





—Pour montage sur têtes RB 750
—L'alésage en symétrique nécessite deux porte-plaquettes de type A
—L'alésage en décalé nécessite un porte-plaquette de type A classique et un porte-plaquette de type B rehaussé

Références	Numéro de produit	Type de porte-plaquettes	Pour tête	Capacité DCN-DCX ∅		OAL	B	Poids	KRINS°	Taille de plaquette adaptée
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
A75001CP0590	00026705	Réhaussé	RB 75000	18,0 *0.709*	24,0 *0.945*	22,8 *0.898*	16,5 *0.650*	0,1 *0.2*	90	CP...0502...
A75011CC0690	00026706	Réhaussé	RB 75010	23,0 *0.906*	31,0 *1.220*	26,85 *1.057*	21,5 *0.846*	0,1 *0.2*	90	CC...0602...
A75021CC0690	00026707	Réhaussé	RB 75020	30,0 *1.181*	40,0 *1.575*	30,35 *1.195*	27,0 *1.063*	0,1 *0.2*	90	CC...0602...
A75031CC0990	00026708	Réhaussé	RB 75030	39,0 *1.535*	51,0 *2.008*	41,4 *1.630*	35,0 *1.378*	0,1 *0.2*	90	CC...09T3...
A75041CC1290	00026709	Réhaussé	RB 75040	50,0 *1.969*	65,0 *2.559*	46,5 *1.831*	43,0 *1.693*	0,2 *0.4*	90	CC...1204...
A75051CC1290	00026710	Réhaussé	RB 75050	64,0 *2.520*	86,0 *3.386*	52,6 *2.071*	54,0 *2.126*	0,25 *0.6*	90	CC...1204...
A75061CC1290	00026711	Réhaussé	RB 75060	85,0 *3.346*	115,0 *4.528*	68,6 *2.701*	70,0 *2.756*	0,6 *1.3*	90	CC...1204...
A75061CC1690	00030774	Réhaussé	RB 75060	85,0 *3.346*	115,0 *4.528*	68,6 *2.701*	70,0 *2.756*	0,6 *1.3*	90	CC...1605...
A75066CC1290	00026712	Réhaussé	RB 75060	114,0 *4.488*	144,0 *5.669*	68,6 *2.701*	100,0 *3.937*	1,0 *2.2*	90	CC...1204...
A75066CC1690	00030775	Réhaussé	RB 75060	114,0 *4.488*	144,0 *5.669*	68,6 *2.701*	100,0 *3.937*	0,91 *2.0*	90	CC...1605...
A75071CC1290	00026713	Réhaussé	RB 75070	114,0 *4.488*	160,0 *6.299*	81,6 *3.213*	95,0 *3.740*	1,2 *2.7*	90	CC...1204...
A75071CC1690	00030776	Réhaussé	RB 75070	114,0 *4.488*	160,0 *6.299*	81,6 *3.213*	95,0 *3.740*	1,16 *2.6*	90	CC...1605...
A75076CC1290	00026714	Réhaussé	RB 75070	159,0 *6.260*	205,0 *8.071*	81,6 *3.213*	141,0 *5.551*	2,0 *4.4*	90	CC...1204...
A75076CC1690	00030778	Réhaussé	RB 75070	159,0 *6.260*	205,0 *8.071*	81,6 *3.213*	141,0 *5.551*	0,9 *2.0*	90	CC...1605...

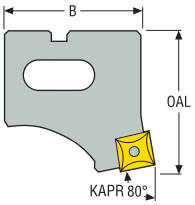
Pièces détachées, pièces incluses lors de la livraison

Pour taille de plaquette	Clé (Poignée-T)	Clé	Vis
			
CC...0602...	DOUBLE-T	H4B-T07P	C02504-T07P
CC...09T3...	DOUBLE-T	H6B-T15P	C04008-T15P
CC...1204...	DOUBLE-T	H6B-T15P	C05012-T15P
CC...1605...	DOUBLE-T	H6B-T15P	C05012-T15P
CP...0502...	DOUBLE-T	H4B-T07P	C02245-T07P

Pour les plaquettes d'alésage en ébauche recommandées, voir page(s) 632

Porte-plaquettes 80° pour plaquettes SC..





—Pour montage sur têtes RB 750
—L'alésage en symétrique nécessite deux porte-plaquettes de type A
—L'alésage en décalé nécessite un porte-plaquette de type A classique et un porte-plaquette de type B rehaussé

Références	Numéro de produit	Type de porte-plaquettes	Pour tête	Capacité DCN-DCX ∅		OAL	B	Poids	KRINS°	Taille de plaquette adaptée
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
A75000SC0580	00026715	Classique	RB 75000	18,0 *0.709*	24,0 *0.945*	22,5 *0.886*	16,5 *0.650*	0,1 *0.2*	80	SC...0502...
A75010SC0680	00026716	Classique	RB 75010	23,0 *0.906*	31,0 *1.220*	26,5 *1.043*	21,5 *0.846*	0,1 *0.2*	80	SC...0602...
A75020SC0680	00026717	Classique	RB 75020	30,0 *1.181*	40,0 *1.575*	30,0 *1.181*	27,0 *1.063*	0,1 *0.2*	80	SC...0602...
A75030SC0980	00026718	Classique	RB 75030	39,0 *1.535*	51,0 *2.008*	41,0 *1.614*	35,0 *1.378*	0,1 *0.2*	80	SC...09T3...
A75040SC1280	00026719	Classique	RB 75040	50,0 *1.969*	65,0 *2.559*	45,0 *1.772*	43,0 *1.693*	0,2 *0.4*	80	SC...1204...
A75050SC1280	00051986	Classique	RB 75050	64,0 *2.520*	86,0 *3.386*	52,0 *2.047*	54,0 *2.126*	0,25 *0.6*	80	SC...1204...
A75060SC1280	00052207	Classique	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	70,0 *2.756*	0,56 *1.2*	80	SC...1204...
A75060SC1580	00039863	Classique	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	70,0 *2.756*	0,56 *1.2*	80	SC...1505...
A75065SC1280	00051989	Classique	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	100,0 *3.937*	1,0 *2.2*	80	SC...1204...
A75065SC1580	00039865	Classique	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	100,0 *3.937*	1,0 *2.2*	80	SC...1505...
A75070SC1280	00026723	Classique	RB 75070	114,0 *4.488*	160,0 *6.299*	81,4 *3.205*	95,0 *3.740*	1,2 *2.7*	80	SC...1204...
A75070SC1580	00039867	Classique	RB 75070	114,0 *4.488*	160,0 *6.299*	81,4 *3.205*	95,0 *3.740*	1,18 *2.6*	80	SC...1505...
A75075SC1280	00026724	Classique	RB 75070	159,0 *6.260*	205,0 *8.071*	81,4 *3.205*	141,0 *5.551*	2,2 *4.9*	80	SC...1204...
A75075SC1580	00039869	Classique	RB 75070	159,0 *6.260*	205,0 *8.071*	81,4 *3.205*	141,0 *5.551*	2,1 *4.6*	80	SC...1505...
A75001SC0580	00092946	Réhaussé	RB 75000	18,0 *0.709*	24,0 *0.945*	23,2 *0.913*	16,5 *0.650*	0,01 *0.0*	80	SC...0502...
A75011SC0680	00092947	Réhaussé	RB 75010	23,0 *0.906*	31,0 *1.220*	27,3 *1.075*	21,5 *0.846*	0,02 *0.0*	80	SC...0602...
A75021SC0680	00092948	Réhaussé	RB 75020	30,0 *1.181*	40,0 *1.575*	30,9 *1.217*	27,0 *1.063*	0,04 *0.1*	80	SC...0602...
A75031SC0980	00092949	Réhaussé	RB 75030	39,0 *1.535*	51,0 *2.008*	42,2 *1.661*	35,0 *1.378*	0,08 *0.2*	80	SC...09T3...
A75041SC1280	00092961	Réhaussé	RB 75040	50,0 *1.969*	65,0 *2.559*	46,4 *1.827*	43,0 *1.693*	0,2 *0.4*	80	SC...1204...
A75051SC1280	00092962	Réhaussé	RB 75050	64,0 *2.520*	86,0 *3.386*	53,7 *2.114*	54,0 *2.126*	0,3 *0.7*	80	SC...1204...
A75061SC1580	00039864	Réhaussé	RB 75060	85,0 *3.346*	115,0 *4.528*	70,3 *2.768*	70,0 *2.756*	0,57 *1.3*	80	SC...1505...
A75061SC1280	00092963	Réhaussé	RB 75060	85,0 *3.346*	115,0 *4.528*	69,8 *2.748*	70,0 *2.756*	0,57 *1.3*	80	SC...1204...
A75066SC1280	00092964	Réhaussé	RB 75060	114,0 *4.488*	144,0 *5.669*	69,8 *2.748*	100,0 *3.937*	0,96 *2.1*	80	SC...1204...
A75066SC1580	00039866	Réhaussé	RB 75060	114,0 *4.488*	144,0 *5.669*	70,3 *2.768*	100,0 *3.937*	0,96 *2.1*	80	SC...1505...
A75071SC1280	00092965	Réhaussé	RB 75070	114,0 *4.488*	160,0 *6.299*	82,8 *3.260*	95,0 *3.740*	1,2 *2.7*	80	SC...1204...
A75071SC1580	00039868	Réhaussé	RB 75070	114,0 *4.488*	160,0 *6.299*	83,3 *3.280*	95,0 *3.740*	1,21 *2.7*	80	SC...1505...

Références	Numéro de produit	Type de porte-plaquettes	Pour tête	Capacité DCN-DCX ∅		OAL	B	Poids	KRINS°	Taille de plaquette adaptée
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
A75076SC1280	00092968	Réhaussé	RB 75070	159,0 *6.260*	205,0 *8.071*	82,8 *3.260*	141,0 *5.551*	2,16 *4.8*	80	SC...1204...
A75076SC1580	00039870	Réhaussé	RB 75070	159,0 *6.260*	205,0 *8.071*	83,3 *3.280*	141,0 *5.551*	2,14 *4.7*	80	SC...1505...

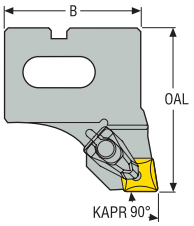
Pièces détachées, pièces incluses lors de la livraison

Pour taille de plaquette	Clé (Poignée-T)	Clé	Vis
			
SC...0502...	DOUBLE-T	H4B-T07P	C02245-T07P
SC...0602...	DOUBLE-T	H4B-T07P	C02504-T07P
SC...09T3...	DOUBLE-T	–	C04008-T15P
SC...09T3...	DOUBLE-T	H6B-T15P	C04008-T15P
SC...1204...	DOUBLE-T	H6B-T15P	C05012-T15P
SC...1204...	DOUBLE-T	H6B-T15PL	C05012-T15P
SC...1505...	DOUBLE-T	H6B-T15P	C05012-T15P

Pour les plaquettes d'alésage en ébauche recommandées, voir page(s) 632

Porte-plaquettes 90° pour plaquettes CN..

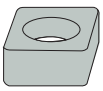
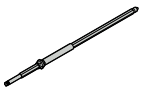




—Pour montage sur têtes RB 750
—L'alésage en symétrique nécessite deux porte-plaquettes classiques de type A.(porte-plaquettes réhaussés de type B pour plaquettes CN.. non disponibles)
—GAMO = Angle de coupe = - 6°
—LAMS = Angle d'inclinaison = - 6°

Références	Numéro de produit	Type de porte-plaquettes	Pour tête	Capacité DCN-DCX ∅		OAL	B	Poids	KRINS°	Taille de plaquette adaptée
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
A75050CN1290	02786307	Classique	RB 75050	64,0 *2.520*	86,0 *3.386*	63,0 *2.480*	55,0 *2.165*	0,4 *0.9*	90	CN...1204...
A75060CN1290	02786308	Classique	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	69,5 *2.736*	0,6 *1.3*	90	CN...1204...
A75065CN1290	02786309	Classique	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	99,5 *3.917*	0,9 *2.0*	90	CN...1204...
A75070CN1290	02786310	Classique	RB 75070	114,0 *4.488*	160,0 *6.299*	85,0 *3.346*	95,0 *3.740*	1,2 *2.7*	90	CN...1204...
A75075CN1290	02786311	Classique	RB 75070	159,0 *6.260*	205,0 *8.071*	85,0 *3.346*	140,0 *5.512*	2,03 *4.5*	90	CN...1204...

Pièces détachées, pièces incluses lors de la livraison

Pour taille de plaquette	Vis d'assise	Kit de serrage	Assise	Clé
				
CN...1204...	CSC6312-T15P	CD12-S12	UCN120612	H6B-T15P

Pour les plaquettes d'alésage en ébauche recommandées, voir page(s) 632

Instructions
Conditions d'usinage préconisées

Puissance de la broche :

Comme l'alésage d'ébauche exige une puissance machine élevée, nous recommandons de vérifier que la machine est bien adaptée. L'alésage en décalé est une solution pour réduire les besoins en puissance, car l'avance est divisée par deux pour la même profondeur totale de coupe, comparé au réglage symétrique.
Les meilleures performances sont obtenues avec un arrosage par le centre (meilleures caractéristiques d'usinage, meilleur état de surface, meilleure évacuation des copeaux, durée de vie des plaquettes plus longue).

Pour plus de détails, se référer aux instructions de fonctionnement fournies avec les têtes à aléser et les barres Steadyline®.
Ces instructions de fonctionnement peuvent être téléchargées sur notre site www.secotools.com

Vitesses maximales pour les têtes à aléser d'ébauche

Tête	Capacité ∅ mm	*Capacité ∅ pouces*	Vit. max Tr/min	Vitesse de coupe v_c max. à Cap. mini. conseillée m/min *(sf/min)*	Vitesse de coupe v_c max. à Cap. max. conseillée m/min *(sf/min)*
Têtes à aléser d'ébauche (avec deux porte-plaquettes identiques réglés symétriquement), et connexion Graflex®					
A75000	18-24	*0.709-0.945*	15000	848 *(2782)*	1131 *(3711)*
A75010	23-31	*0.906-1.220*	12000	867 *(2844)*	1169 *(3835)*
A75020	30-40	*1.181-1.575*	9500	895 *(2936)*	1194 *(3917)*
A75030	39-51	*1.535-2.008*	7500	919 *(3015)*	1202 *(3944)*
A75040	50-65	*1.969-2.559*	5700	895 *(2936)*	1164 *(3819)*
A75050	64-86	*2.520-3.386*	4500	905 *(2969)*	1216 *(3990)*
A75060	85-115	*3.346-4.528*	3500	935 *(3068)*	1264 *(4147)*
A75060	114-144	*4.488-5.669*	2700	967 *(3173)*	1221 *(4006)*
A75070	114-160	*4.488-6.299*	2500	895 *(2936)*	1257 *(4124)*
A75070	159-205	*6.260-8.071*	2000	999 *(3278)*	1288 *(4226)*
Têtes à aléser d'ébauche (avec deux porte-plaquettes identiques réglés symétriquement), et connexion Seco-Capto™					
C3-391.0750-30	39-51	*1.535-2.008*	7500	919 *(3015)*	1202 *(3944)*
C4-391.0750-40	50-65	*1.969-2.559*	5700	895 *(2936)*	1164 *(3819)*
C5-391.0750-50	64-86	*2.520-3.386*	4500	905 *(2969)*	1216 *(3990)*
C6-391.0750-60	85-115	*3.346-4.528*	3500	935 *(3068)*	1264 *(4147)*
C6-391.0750-60	114-144	*4.488-5.669*	2700	967 *(3173)*	1221 *(4006)*
C8-391.0750-70	114-160	*4.488-6.299*	2500	895 *(2936)*	1257 *(4124)*
C8-391.0750-70	159-205	*6.260-8.071*	2000	999 *(3278)*	1288 *(4226)*

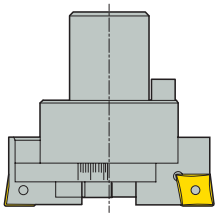
Remarque : Les vitesses maximales indiquées dans ce tableau dépendent du mécanisme de la tête et de la qualité d'équilibrage. Le choix de la vitesse adéquate doit, bien entendu, tenir compte des conditions de coupe, comme par ex. la matière, la plaquette, le porte-à-faux, la broche de la machine. Pour des vitesses égales ou supérieures à 8 000 tr/min., il est recommandé d'utiliser des attachements et des intermédiaires équilibrés fin.

Incidents et remèdes

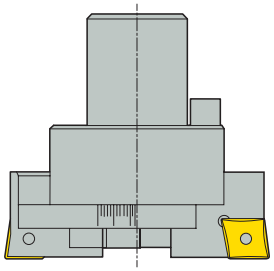
Problème	Cause possible	Solution
Faible contrôle des copeaux	Avance trop faible	Augmenter l'avance.
	Profondeur de passe (DOC) excessive	Utiliser la méthode en décalé
Bruits & vibrations	Vitesse excessive	Diminuer la vitesse de coupe, pas l'avance
	Rapport L/D extrême	Raccourcir l'outil pour augmenter la rigidité
		Augmenter le diamètre extérieur de l'attachement et de l'intermédiaire.
		Utiliser une barre Steadyline
		Utiliser des rallonges en carbure ou en métaux lourds
	Rayon de plaquette trop grand	Utiliser une plaquette étroite avec un plus petit rayon
	Pièce à usiner instable	Améliorer la fixation et le support de serrage
	L'angle d'attaque k est à 80°	Passer à k =90°, plaquette de type CC
Écaillage ou cassure de plaquette	Mauvais choix de plaquette	Utiliser une nuance de plaquette plus tenace.
		Utiliser un plus grand rayon, si disponible
	Coupe interrompue sévère	Diminuer la vitesse, diminuer l'avance
	Bourrage de copeaux et recoupe	Vérifier le jeu barre d'alésage/alésage
		Améliorer le contrôle des copeaux, augmenter l'avance
Faible durée de vie de l'outil	Mauvais choix de plaquette	Utiliser une nuance ayant une résistance plus élevée à l'usure
	Vitesse de coupe excessive	Diminuer la vitesse
	Écaillage de la plaquette	Vérifier la profondeur de passe et l'avance
	Pression d'arrosage trop basse	Augmenter la pression d'arrosage
Les copeaux ne s'évacuent pas	Ensemble d'alésage trop grand	Utiliser un diamètre de tête inférieur
	Profondeur de passe (DOC) excessive	Utiliser la méthode en décalé, les plaquettes CC.. plutôt que les plaquettes CN.. (particulièrement lorsque vous utilisez des têtes à aléser de petits diamètres).
	Espace sous l'alésage insuffisant	Placer la pièce à une position plus haute sur la table.
	Faible contrôle des copeaux	Voir ci-dessus
Puissance machine insuffisante	Avance trop fortes	Réduire l'avance (sans être inférieur à 25% du rayon de plaquette)
	Profondeur de passe (DOC) excessive	Utiliser la méthode en décalé
	Faible puissance machine	Vitesse de rotation pour les faibles couples de la broche
		Vitesse de rotation pour le changement de vitesse
		Utiliser un angle d'attaque supérieur (en HSS dans les cas extrêmes)
		Diminuer la profondeur de coupe (DOC)
Bavures excessives en sortie de trou	Avance excessive	Réduire l'avance.
	Porte-plaquettes de type CC 90°	Utiliser un porte-plaquette carré 80°
	Efforts de coupe trop élevés	Diminuer la profondeur de coupe (DOC)
		Diminuer le rayon de plaquette

RB 610 Têtes à aléser d'ébauche – Vue d'ensemble

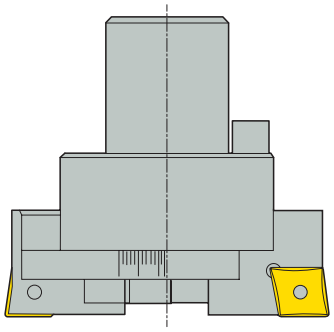
Connexion Graflex®



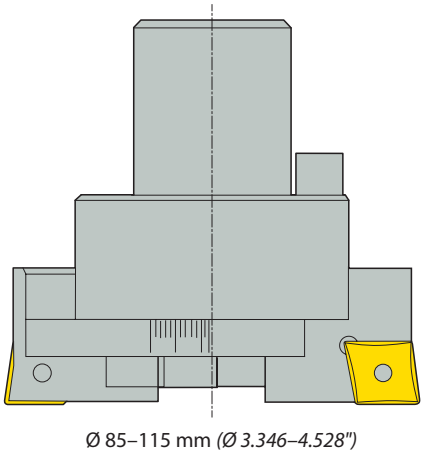
Ø 39–51 mm *(Ø 1.535–2.008")*



Ø 50–65 mm *(Ø 1.969–2.559")*

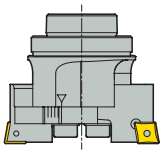


Ø 64–86 mm *(Ø 2.520–3.386")*

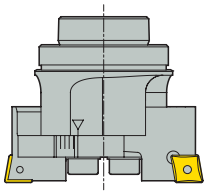


Ø 85–115 mm *(Ø 3.346–4.528")*

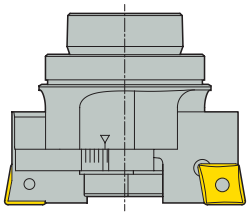
Connexion GL



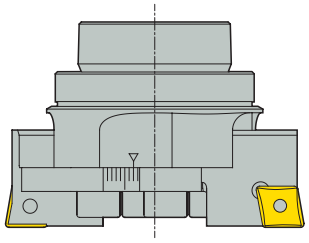
Ø 28–37 mm *(Ø 1.102–1.457")*



Ø 36–46 mm *(Ø 1.417–1.811")*

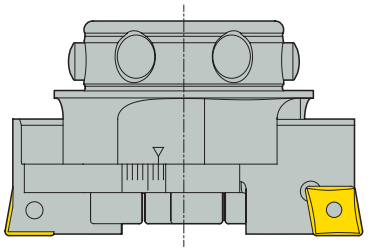


Ø 45–56 mm *(Ø 1.772–2.205")*

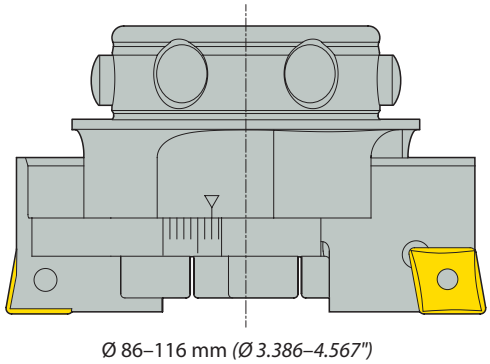


Ø 55–69 mm *(Ø 2.165–2.717")*

Connexion BA



Ø 66–88 mm *(Ø 2.598–3.465")*



Ø 86–116 mm *(Ø 3.386–4.567")*

RB 610 – Têtes à aléser d'ébauche - Guide

Caractéristiques

– Une tête d'alésage d'ébauche est une combinaison d'un corps (tête) et de 2 porte-plaquettes
– Obtenir une précision géométrique de trou à partir d'un trou coulé, usiné à la flamme ou d'un trou percé
– Le déséquilibre est minimisé grâce à une conception symétrique

Compactes

– Corps de l'outil court pour maximiser la rigidité de l'assemblage d'alésage avec une réduction du poids pour un changement d'outil rapide et une accélération de la broche.
– Masse réduite pour un changement outil rapide et une possibilité d'accélération de la broche.

Réglage intuitif et rapide

– Chaque porte-plaquette dispose de son "poussant-tirant", mécanisme permettant un réglage facile et rapide du diamètre, utilisez un banc de pré-réglage
– Les échelles de diamètre permettent de visualiser les positions des porte-plaquettes

Porte-plaquettes

– A 610…CC… ces porte-plaquettes ont un angle d'inclinaison de 90° pour les plaquettes en forme de losange, exigeant moins de couple de la broche, 0° d'angle d'attaque et 0° d'angle d'inclinaison
– Les porte-plaquettes sont adaptés pour les têtes RB 610 Graflex® et les têtes RB 610 GL

Productivité

– Haute rigidité résultant d'un réglage serré des porte-plaquettes dans le corps de la tête, et de grandes vis de serrage
– Possibilité de prendre une profondeur de coupe jusqu'à la moitié de la largeur de la pièce, ce qui permet la maximisation du débit copeaux et l'utilisation totale des plaquettes
– Alésage en décalé en utilisant une cale (contenue dans la livraison des têtes) pour compenser un porte-plaquette de manière à augmenter le débit copeaux et l'utilisation totale des plaquettes
– Grâce au liquide de refroidissement dirigé vers les arêtes de coupe

Gamme de produits

– Les têtes à aléser d'ébauche RB 610 sont disponibles avec connexion côté machine en Graflex®, pour les opérations d'alésage classiques avec un porte-à-faux jusqu'à 6 x D,
– Les têtes à aléser d'ébauche RB 610 avec connexions GL et BA côté machine sont conçues pour les porte-à-faux plus longs avec des assemblages Steadyline® antivibratoires.

RB 610 Graflex®



– Graflex® : 4 têtes à aléser compactes pour alésage du Ø 39 à 115 mm *(Ø 1.535 à 4.528")*
– Le système modulaire Graflex® permet de constituer des assemblages optimaux d'alésage à partir d'adaptateurs Graflex®, de modules intermédiaires jusqu'aux têtes à aléser

RB 610 GL et BA pour barres antivibratoires Steadyline®



GL



BA

– GL : 4 têtes à aléser compactes en ébauche, pour Ø 28 à 69 mm *(Ø 1.102 à 2.717")*
– BA : 2 têtes à aléser courtes et compactes pour Ø 66 à 116 mm *(Ø 2.598 à 4.567")*
– Adaptées particulièrement aux barres de tournage et d'alésage Steadyline®. Les performances d'alésage, avec des barres Steadyline® longues, sont similaires à des assemblages courts sans système d'amortissement (<6 x D).

RB 610 – Têtes à aléser d'ébauche - Guide

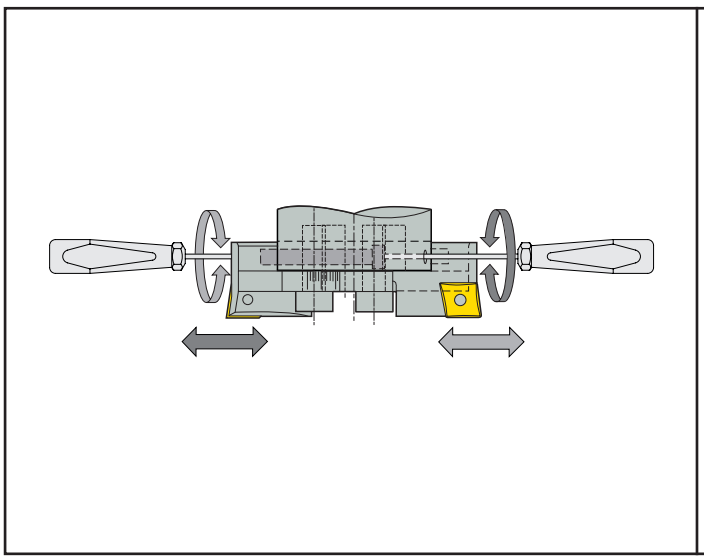
Réglage de l'alésage en symétrique :

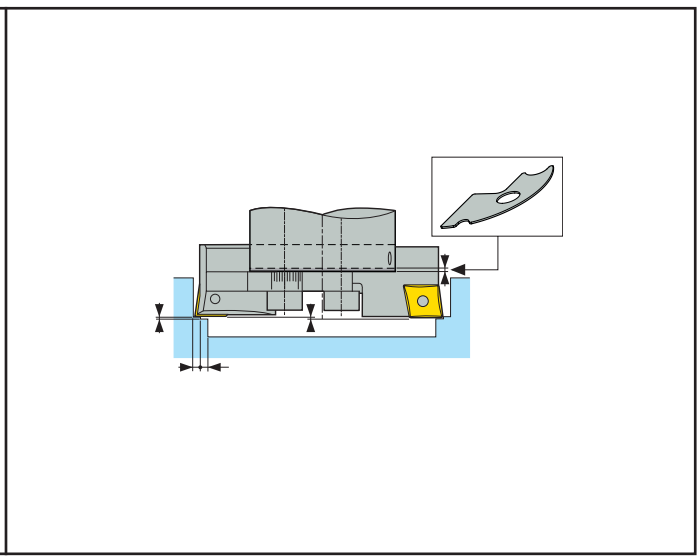
L'alésage symétrique signifie que les deux arêtes de coupe sont réglées aux mêmes diamètre et hauteur.

Réglage de l'alésage en décalé :

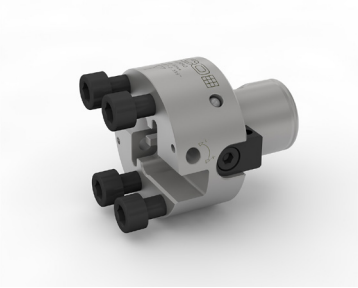
L'alésage décalé signifie qu'une arête de coupe est décalée en tant qu'arête de coupe de tête agissant sur un plus petit diamètre que la seconde arête de coupe réglée sur le diamètre final à obtenir : il nécessite une cale (contenu dans la livraison de la tête). Elle doit être fixée entre le corps de la tête d'alésage et le porte-plaquettes pour obtenir le décalage axial (+) requis, voir le tableau ci-dessous.

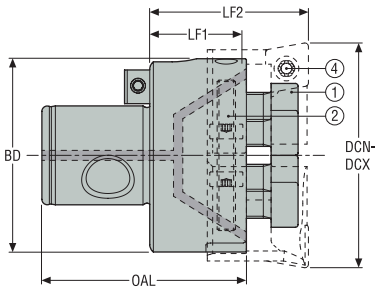
Cale Réf. No.	Epaisseur (mm)	*Épaisseur (pouces)*
AU6101003	0,2	*0.008*
AU6103003	0,4	*0.016*
AU6104003	0,5	*0.020*
AU6105003	0,6	*0.024*
AU6106003	0,6	*0.024*





RB610
Graflex®





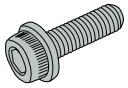
—Les modes symétrique et décalé sont possibles
—Système de support de plaquette individuel
—Arrosage directement sur les arêtes de coupe

1. Vis d'assemblage et clé de serrage
2 & 4. Insérez la clé pour le réglage de diamètre et insérer la vis de serrage

Références	Numéro de produit	Côté machine Taille Graflex	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Tr/min max.*
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
A61030	02904453	G3	39,0 *1.535*	51,0 *2.008*	43,5 *1.713*	23,5 *0.925*	36,4 *1.433*	34,0 *1.339*	0,2 *0.4*	7500
A61040	02904454	G4	50,0 *1.969*	65,0 *2.559*	45,5 *1.791*	21,5 *0.846*	35,3 *1.390*	43,0 *1.693*	0,3 *0.7*	5700
A61050	02904455	G5	64,0 *2.520*	86,0 *3.386*	55,0 *2.165*	25,0 *0.984*	42,3 *1.665*	54,0 *2.126*	0,7 *1.5*	4500
A61060	02904457	G6	85,0 *3.346*	115,0 *4.528*	69,0 *2.717*	29,0 *1.142*	47,8 *1.882*	63,0 *2.480*	1,0 *2.2*	3500

Les porte-plaquettes doivent être commandés séparément, voir page(s) 556
* Pour les rotations max., voir les pages instructions. Remarque : poids sans porte-plaquette

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Cale pour décaler l'alésage	Tenon
			
A61030	950DC0616	AU6103003	90M31
A61040	950D0616	AU6104003	90M41
A61050	950D0820	AU6105003	90M51
A61060	950D0822	AU6106003	90M61

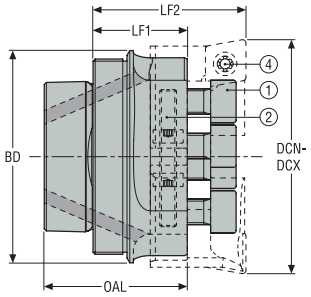
Accessoires

Pour tête	Clé	Clé (Poignée-T)
		
A61030	03HL05	DOUBLE-T
A61040	03HL05	DOUBLE-T
A61050	03HL06	DOUBLE-T
A61060	03HL06	DOUBLE-T

RB610 Compact

GL





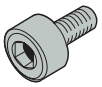
—Conçues pour les barres de tournage et d'alésage Steadyline® GL25, GL32, GL40 et GL50
—Les modes symétrique et décalé sont possibles
—Système de support de plaquette individuel
—Arrosage directement sur les arêtes de coupe

1. Vis d'assemblage et clé de serrage
2 & 4. Insérez la clé pour le réglage de diamètre et insérer la vis de serrage

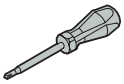
Références	Numéro de produit	Côté machine Taille GL	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Tr/min max.*
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
GL25-RB610-10	03307854	GL25	28,0 *1.102*	37,0 *1.457*	21,7 *0.854*	16,2 *0.638*	25,0 *0.984*	25,0 *0.984*	0,1 *0.2*	9500
GL32-0610-20	02904458	GL32	36,0 *1.417*	46,0 *1.811*	27,6 *1.087*	21,1 *0.831*	32,0 *1.260*	32,0 *1.260*	0,2 *0.4*	7500
GL40-0610-30	02904459	GL40	45,0 *1.772*	56,0 *2.205*	31,6 *1.244*	22,1 *0.870*	35,0 *1.378*	40,0 *1.575*	0,2 *0.4*	5700
GL50-0610-40	02904460	GL50	55,0 *2.165*	69,0 *2.717*	33,7 *1.327*	22,2 *0.874*	36,0 *1.417*	50,0 *1.969*	0,3 *0.7*	4500

Les porte-plaquettes doivent être commandés séparément, voir page(s) 556
* Pour les rotations max., voir les pages instructions. Remarque : poids sans porte-plaquette

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Cale pour décaler l'alésage
		
GL25-0610-10	950D0410	AU6101003
GL32-0610-20	950DC0412	AU6102003
GL40-0610-30	950DC0616	AU6103003
GL50-0610-40	950D0616	AU6104003

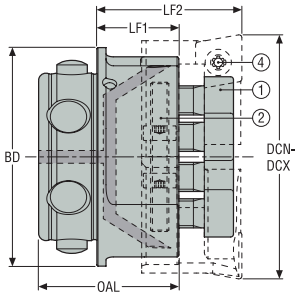
Accessoires

Pour tête	Clé	Clé	Clé (Poignée-T)
			
GL25-0610-10	03HL03	T07P-3	–
GL32-0610-20	03HL03	H4B-T07P	DOUBLE-T
GL40-0610-30	03HL05	–	DOUBLE-T
GL50-0610-40	03HL05	–	DOUBLE-T

RB610

BA





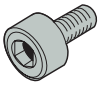
—Pour les barres de tournage et d'alésage Steadyline® BA60 et BA80
—Les modes symétrique et décalé sont possibles
—Système de support de plaquette individuel
—Arrosage directement sur les arêtes de coupe

1. Vis d'assemblage et clé de serrage
2 & 4. Insérez la clé pour le réglage de diamètre et insérer la vis de serrage

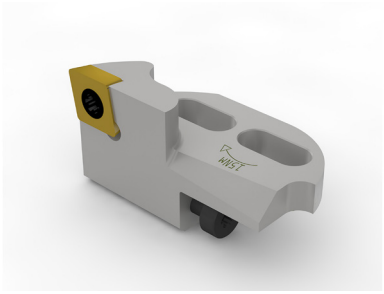
Références	Numéro de produit	Côté machine Taille BA	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Tr/min max.*
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
BA060-RB610-50	03204092	BA060	66,0 *2.598*	88,0 *3.465*	38,5 *1.516*	22,5 *0.886*	39,8 *1.567*	60,0 *2.362*	0,7 *1.5*	4000
BA080-RB610-60	03204093	BA080	86,0 *3.386*	116,0 *4.567*	44,5 *1.752*	22,5 *0.886*	41,3 *1.626*	80,0 *3.150*	1,2 *2.7*	3000

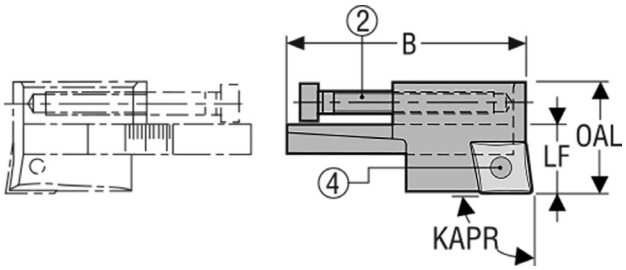
Les porte-plaquettes doivent être commandés séparément, voir page(s) 556
* Pour les rotations max., voir les pages instructions. Remarque : poids sans porte-plaquette

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Clé	Vis de serrage	Clé (Poignée-T)	Cale pour décaler l'alésage
				
BA060-RB610-50	03HL06	950D0820	DOUBLE-T	AU6105003
BA080-RB610-60	03HL06	950D0822	DOUBLE-T	AU6106003

Porte-plaquettes



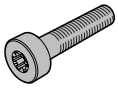


—Adaptés aux têtes à aléser RB 610 avec connexion Graflex®, BA ou GL

2. Vis de réglage
4. Vis de plaquette

Références	Numéro de produit	Pour tête	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF	B	Poids
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
A61010CC0690	03307856	RB 61010	28,0 *1.102*	37,0 *1.457*	15,1 *0.594*	8,8 *0.346*	21,75 *0.856*	0,1 *0.2*
A61020CC0690	02971268	RB 61020	36,0 *1.417*	46,0 *1.811*	17,6 *0.693*	10,9 *0.429*	26,0 *1.024*	0,1 *0.2*
A61030CC0990	02904461	RB 61030	39,0 *1.535*	56,0 *2.205*	21,6 *0.850*	12,9 *0.508*	33,0 *1.299*	0,1 *0.2*
A61040CC0990	02904462	RB 61040	50,0 *1.969*	69,0 *2.717*	22,5 *0.886*	13,8 *0.543*	43,8 *1.724*	0,1 *0.2*
A61050CC1290	02904463	RB 61050	64,0 *2.520*	86,0 *3.386*	27,5 *1.083*	17,3 *0.681*	57,4 *2.260*	0,2 *0.4*
A61060CC1290	02904464	RB 61060	85,0 *3.346*	115,0 *4.528*	30,5 *1.201*	18,8 *0.740*	75,0 *2.953*	0,2 *0.4*

Pièces détachées, pièces incluses lors de la livraison

Pour porte-plaquettes	Vis de plaquette	Vis d'assise
		
A61010CC0690	C02504-T07P	–
A61020CC0690	C02504-T07P	19A61020
A61030CC0990	C04008-T15P	19A61030
A61040CC0990	C04008-T15P	19A61040
A61050CC1290	C05012-T15P	19A61050
A61060CC1290	C05012-T15P	19A61060

Pour les plaquettes d'alésage en ébauche recommandées, voir page(s) 632
Remarque : une clé pour le serrage de la vis de plaquette est livrée avec la tête RB 610.

Têtes à aléser d'ébauche RB 610 – Instructions

Couples de serrage recommandés. Avance maximale par tour en décalé.

RB 610 – Taille des têtes à aléser d'ébauche	30	40	50	60
Couple de serrage des vis de fixation pour porte-plaquettes (Nm)	2 x 25	4 x 25	4 x 40	4 x 40
f Max : vitesse d'avance max. lors de l'alésage en décalé mm/tour *(pouces/tour)*	0,4 *(0.016")*	0,5 *(0.020")*	0,6 *(0.024")*	0,6 *(0.024")*

Conditions d'usinage préconisées
Puissance de la broche :

Comme l'alésage d'ébauche exige une puissance machine élevée, nous recommandons de vérifier que la machine est bien adaptée. L'alésage en décalé est une solution pour réduire les besoins en puissance, car l'avance est divisée par deux pour la même profondeur totale de coupe, en comparaison avec le réglage symétrique. Les meilleures performances sont obtenues avec un arrosage par le centre (meilleures caractéristiques d'usinage, meilleur état de surface, meilleure évacuation des copeaux, durée de vie des plaquettes plus longue).

Pour plus de détails, se référer aux instructions d'utilisation fournies avec les têtes à aléser et les barres Steadyline®. Ces instructions de fonctionnement peuvent être téléchargées sur notre site www.secotools.com

Vitesses maximales pour les têtes à aléser d'ébauche RB 610

Remarque : Les vitesses maximales indiquées dans les pages produits des têtes à aléser, dépendent du mécanisme de la tête et de la qualité d'équilibrage.

Le choix de la vitesse adéquate doit, bien entendu, tenir compte des conditions de coupe, comme par ex. la matière, la plaquette, le porte-à-faux, la broche de la machine.

Pour toute application d'alésage avec des barres Steadyline®, assurez-vous de ne pas dépasser la rotation maximale en tr/min des barres : consulter les instructions fournies avec les barres Steadyline®.



Alésage de finition

Couvrant un large éventail de tailles de trous et de matériaux, les gammes de produits d'alésage de finition permettent des ajustements de précision au micron et des états de surface de Ra <1 (RMS 44 micro/pouce) et des alésages dans les tolérances IT5. En se concentrant en permanence sur la précision et la rigidité, ces produits facilitent le maintien des spécifications de pièces les plus strictes. Les solutions d'amortissement des vibrations Steadyline™ complètent la gamme pour offrir des niveaux de stabilité encore plus élevés pour l'usinage de cavités profondes, où de longs porte-à-faux d'outil sont nécessaires.

- Les têtes d'alésage digitales et à vernier Axiabore FB 760 sont conçues pour offrir précision et état de surface sur les petits diamètres
- Notre gamme de têtes à aléser de finition Axiabore™ comprend désormais également la version digitale, qui facilite la vie de l'opérateur et réduit la fréquence des erreurs humaines. Cette version simplifie et accélère les réglages tout en garantissant la fiabilité et l'efficacité du processus pour un alésage de précision sur des pièces soumises à des contraintes de haute tolérance
- Les têtes d'aléser de finition radiales FB 620/780/790 sont conçues pour offrir les meilleures géométries d'alésage sur les grands diamètres (jusqu'à 205 mm)

Vue d'ensemble



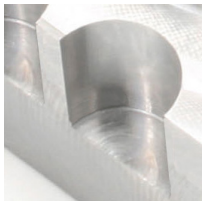




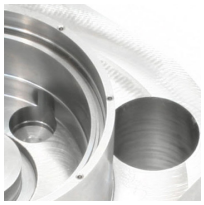
Tournage de diamètre extérieur



Gorges

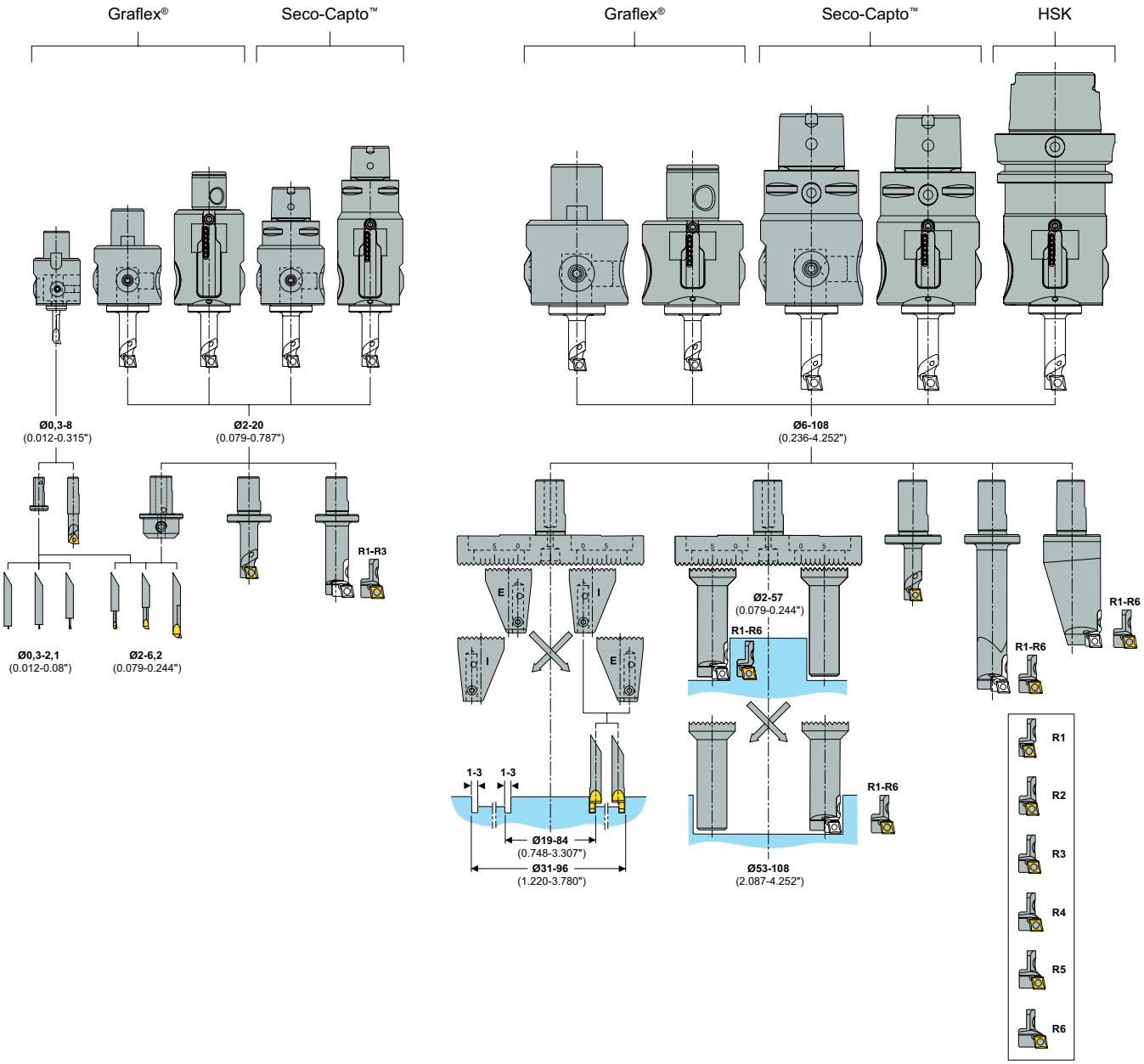


Alésage à coupe interrompue



Alésage

Vue d'ensemble



Têtes d’alésage de finition digitales de type axiales

Les têtes d’alésage digitales de finition axiales fournissent d’excellents résultats pour les opérations d’alésage (IT5 réalisable). Elles remplacent l’utilisation d’un vernier analogique par un affichage numérique universel amovible : lorsque le vernier d’une tête d’alésage analogique classique n’est pas toujours facile à utiliser pour le réglage du diamètre sur la machine, le grand écran de la série FB 760 D permet des réglages confortables et fiables du diamètre.

La série FB 760 D révolutionne la philosophie d’alésage, car elle élimine le besoin d’un préréglage : toutes les opérations de préréglage et de réglage sont effectuées directement sur la machine, à l’aide du contrôleur universel à affichage digital.

Outils d’alésage
Outils d’alésage, attachement carbure monobloc Ø 4 mm pour les plus petits diamètres Ø 2–108 mm (Ø 0.079”–4.252”), angle d’attaque à 98°. Les outils ont une extrémité arrière oblique pour une orientation de l’arête de coupe conformément à l’ISO.

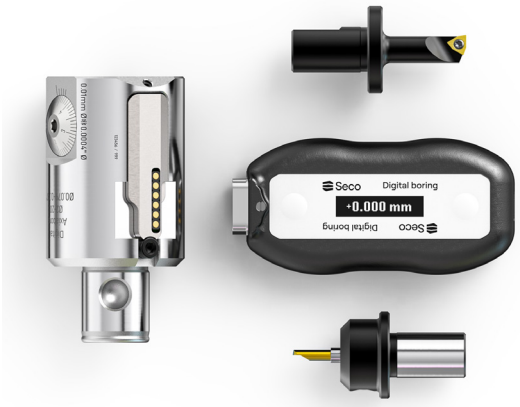
Coffret de rangement
L’écran digital est livré dans une boîte de qualité durable.



Caractéristiques

Affichage digital universel, pour têtes d’alésage de finition FB 760 D
Le contrôleur universel à affichage digital peut être utilisé quel que soit le nombre de têtes à aléser. Doté d’un grand écran d’affichage, il vous permet de lire facilement la valeur de réglage du diamètre de votre tête d’alésage, aussi bien en mm qu’en pouces.

L’affichage digital universel a été conçu pour vous faciliter la vie :
– Ecran lumineux pour faciliter la lecture - résolution de 1 µm
– Un système intuitif et facile à utiliser, facile à basculer entre
– Contrôleur à maintien automatique : une fois connecté à la tête d’alésage, le contrôleur reste en place et laisse l’opérateur libre d’utiliser ses mains pour régler le diamètre.
– Un même boitier est utilisable sur toutes les têtes à aléser, pas de couplage nécessaire. Livré avec un câble USB, le contrôleur à affichage numérique universel peut être rechargé sur le port USB de votre machine ou ordinateur.

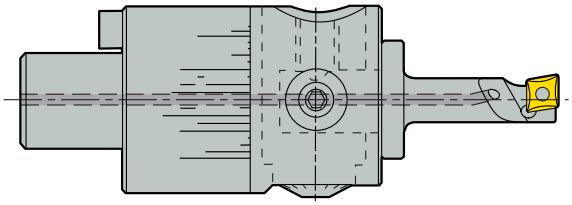


Têtes à aléser de finition Axiabore™ pour alésages Ø 0,3 à 108 mm *(0.012 à 4.252")*

Têtes type Axiabore™	Capacité ∅ mm	*Capacité ∅ pouces*	HSM/ Vitesses max.	Numérique	Équilibrables	Géométrie du trou	Coût effectif
Nanobore™ (taille 1)	0,3-8	*0.012–0.315"*	30000 Rotation			■■	■■
Axiabore™ (taille 2)	2-20	*0.079–0.787"*	12000 Rotation			■	■■
Axiabore™ digitale (taille 2)	2-20	*0.079–0.787"*	12000 Rotation	✓		■	■■
Axiabore™ Plus (taille 3)	6-108	*0.236–4.252"*	8000* Rotation ou 1000 m/min			■	■■■
Axiabore™ digitale Plus (taille 3)	6-108	*0.236–4.252"*	8000* Rotation ou 1000 m/min	✓		■	■■■
Axialibrabore™ Plus (taille 3)	6-108	*0.236–4.252"*	20000* Rotation ou 1500 m/min		✓	■■	■

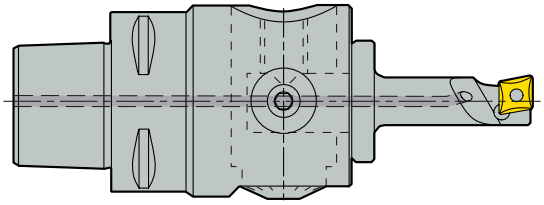
* Max. 5000 tr/min avec MPA.

5 les têtes Axiabore™ sont disponibles avec connexions Graflex®, Seco-Capto™ ou HSK-A



Nanobore™ (taille 1)
Axiabore™ (taille 2)
Axiabore™ digitale (taille 2)
Axiabore™ Plus (taille 3)
Axiabore™ digitale Plus (taille 3)
Axialibrabore™ Plus (taille 3)

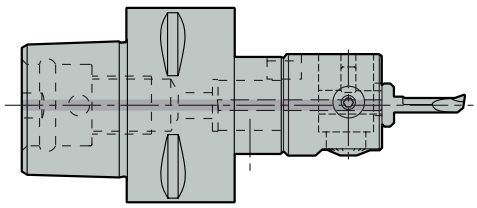
2 têtes Axiabore™ à aléser de finition de type FB 760 avec connexion Seco-Capto™ pour des alésages : Ø 2 à 108 mm *(0.079 à 4.252")*



Axiabore™ – C3-391.0760-02
Axiabore™ Plus – C5-391.0760-03
Axiabore™ digitale – C3-391.FB760-02-D
Axiabore™ digitale Plus – C5-391.FB760-03-D

Remarque : La taille minimum d'alésage de la plus petite tête à aléser de finition Seco-Capto™ est de ∅ 2 mm *(0.079")* avec la plus petite connexion Seco-Capto™ C3 disponible. Pour Ø 0,3 à 8 mm *(0.012-0.315")* utiliser des têtes Nanobore™ avec tailles de connexion G2 ainsi que l'adaptateur Seco-Capto™/Graflex® adéquat.

Adaptateurs Seco-Capto™ et têtes Graflex® : Ø 0,3 à 8 mm *(0.012 à 0.315")*



Adaptateurs et extensions modulaires Graflex® et Seco-Capto™ : veuillez consulter le catalogue des Systèmes d'attachements.

Remarque : Les caractéristiques, instructions (ajustement porte-plaquettes, réglage diamètre, procédure d'assemblage MPA, vitesses maximales, vitesses de coupe recommandées, incidents et remèdes), les porte-plaquettes et les plaquettes appropriés sont similaires pour les deux types de tête à aléser de finition 760 de capacité d'alésage similaire, indépendamment du type de connexion.

Affichage numérique pour têtes à aléser digitales de finition



Outils d'alésage

Remarque : les pages Produits mentionnent clairement quel outil va avec quelle tête.

Outils d'alésage, attachement carbure monobloc Ø 4 mm *(Ø 0.1574")* pour les plus petits diamètres Ø 0,3 à 6,2 mm *(Ø 0.012 à 0.244")*, angle d'attaque à 98°. Nécessitent des douilles de réduction pour être montés dans les têtes NanoBore™ et Axia(libra)Bore™. Les outils ont une extrémité arrière oblique pour une orientation de l'arête de coupe conformément à l'ISO.

Barres d'alésage, attachements type plaquette Ø 6, 12 ou 16 mm *(Ø 0.236, 0.472, 0.630")* pour Ø 6 à 13 mm *(Ø 0.236 à 0.512")*, type « acier » pour outils courts, type « carbure » pour outils longs. Pour plaquettes WB..0301.. ou CC..0602.. et angle d'attaque à 90°. Montage direct dans les têtes. Le méplat de serrage assure une orientation de l'arête de coupe conforme à l'ISO.

Barres d'alésage, modulaires composées d'un « attachement » et d'un « porte-plaquette » du Ø 13 à 63 mm *(Ø 0.512 à 2.480")*. Outils Ø 12 ou 16 mm *(Ø 0.472, 0.630")* en « acier » pour les diamètres courts, en « carbure » pour les longs et « léger/aluminium » pour les plus gros diamètres. Montage direct dans les têtes.

Six porte-plaquettes pour plaquettes CC..0602.. avec angle d'attaque à 90°, compatibles avec tous les attachements afin de constituer une vaste capacité d'alésage sur un attachement commun.







Adaptateur polyvalent (MPA)

Le système MPA permet l'alésage intérieur et extérieur et aussi la réalisation de gorges faciales avec le système Axiabore™ Plus. Le système MPA et les outils sont à interface striée pour une orientation précise et un positionnement précis par incrément de 2,5 mm *(0.098")* au diamètre. Comprend également des buses d'arrosage directionnelles.

Sélectionner les composants pour constituer un outil de type MPA sur les graphiques de sélection d'outils pour MPA. Voir les indications de montage dans le chapitre Instructions.

Montage d'un ensemble d'alésage ou de tournage de diamètres extérieurs. Les ensembles d'alésage et de tournage de diamètres extérieurs utilisent le même attachement équipé d'un porte-plaquette, et d'un contrepoids. Ensemble d'alésage : sélectionner le porte-plaquette approprié à monter sur l'attachement d'alésage/tournage de diamètre extérieur à l'aide du graphique de sélection de porte-plaquette "Tournage de diamètre extérieur" (partie des pages produit suivantes).

Assemblage de tournage de diamètres extérieurs : sélectionner le porte-plaquette approprié à monter sur l'attachement d'alésage/tournage de diamètre extérieur à l'aide du graphique de sélection et avec MPA (partie des pages produit suivantes). Voir les indications de montage dans le chapitre Instructions.

Construction de l'assemblage de rainurage

Un assemblage de rainurage requiert :

- Une paire de porte-outils de rainurage (un E = extérieur et un I = intérieur)
- Un outil pour rainurage 'contre le bout mâle' ou 'contre l'alésage'. Lorsque la rainure est contre une paroi, choisir un type S, lorsque la rainure est contre une paroi d'alésage, choisir un type b, lorsqu'il n'y a pas de paroi, les types S et B conviennent tous les deux. Voir les diagrammes de sélection « usinage de gorge avec adaptateur polyvalent (MPA) »





Caractéristiques

Tête Nanobore™, réf. A76001



Petite tête pour alésage de finition Ø 0,3–8 mm *(Ø 0.012–0.315")* :
Diamètre extérieur 25 mm *(0.984")*, longueur 25 mm *(0.984")*, avec connexion Graflex® taille G2, fixation d'outil Ø 6 mm *(Ø 0.236")*. Les vitesses de fonctionnement jusqu'à 30 000 tr/min permettent un usinage performant de très petits diamètres.

La douille de réduction 6-4 mm *(0.236 à 0.157")* avec méplat d'orientation et goupille d'appui pour le montage des outils à aléser est livrée avec la tête.

Précision de réglage : 2,5 µm *(0,0001")* au diamètre

Tête Axiabore™, réf. A76002





Petites têtes pour alésage de finition Ø 2 à 20 mm *(Ø 0.079 à 0.787")* :
Diamètre extérieur 36,5 mm *(1.401")*, longueur 32 mm *(1.260")*, avec connexion Graflex® taille G3 et Seco-Capto™ taille C3, fixation d'outil Ø 12 mm *(Ø 0.472")*. Ces tailles de tête sont optimisées pour les alésages difficilement accessibles.

La douille de réduction 12-4 mm *(0.472 à 0.157")* avec méplat d'orientation et goupille d'appui pour le montage des outils à aléser est livrée avec la tête.

Remarque : les outils de plus petites capacités de la gamme Nanobore™ (0,3 à 2,1 mm *(0.012 à 0.083")*) peuvent également être utilisés, mais la vitesse maxi devra être limitée à 12 000 tr/min : La tête Nanobore® est préférable.

Précision de réglage : 2,5 µm *(0,0001")* au diamètre pour les têtes analogiques, 1 µm *(0,00004")* au diamètre pour les têtes digitales

Tête Axiabore™ Plus, réf. A76003 et C5-391.0760-03







Têtes polyvalentes pour alésage de finition Ø 6 à 108 mm *(Ø 0.236 à 4.252")*, tournage extérieur Ø 2 à 57 mm *(Ø 0.079 à 2.244")* et rainurage Ø 19 à 96 mm *(Ø 0.748 à 3.780")* :
Diamètre extérieur 54 mm *(Ø 2.126")*, longueur 45 mm *(Ø 1.772")*, avec connexion Graflex® taille 5 et Seco-Capto™ taille 5, fixation d'outil Ø 16 mm *(Ø 0.630")*.
Outils adaptés : tous les outils avec attachement Ø 16 mm *(Ø 0.630")*, pour un montage direct dans les têtes.

Cette tête peut être équipée du système MPA (adaptateur polyvalent) pour réaliser un alésage de finition de larges diamètres, le tournage de diamètre extérieur et un rainurage de faces.

Précision de réglage : 2,5 µm *(0,0001")* au diamètre pour les têtes analogiques, 1 µm *(0,00004")* au diamètre pour les têtes digitales

Tête Axialibrabore™ Plus - Référence A76013



Tête équilibrable pour alésage de finition Ø 6 à 33 mm *(Ø 0.236 à 1.299")* :
Mêmes caractéristiques que la tête AxiaBore™ Plus mais avec un équilibrage fin (longueur du corps 65 mm *(2.559")*).
Avec connexion Graflex® taille G5.
Les têtes équilibrables permettent des vitesses plus élevées pouvant atteindre 20 000 tr/min ou 1 500 m/min (la valeur déterminante étant celle atteinte la première parmi ces deux valeurs sans toutefois en dépasser aucune), améliorent la géométrie de trou et réduisent la contrainte sur la broche de la machine.
L'équilibrage 'LibraOne' est effectué en alignant la bague d'équilibrage graduée (conformément au code d'équilibrage de l'outil utilisé et en fonction du diamètre à aléser) avec la marque sur la tête d'alésage. Pas besoin de tableau.
L'équilibrage fin est seulement possible pour les plus petits outils à aléser (Ø 6 à 33 mm *(Ø 0.236 à 1.299")*).

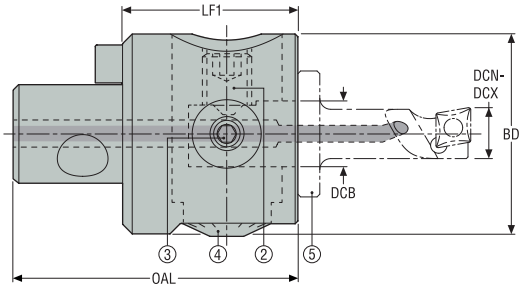
Remarque : en cas d'utilisation d'un outil « Alu » ou d'un outil « MPA » d'Axiabore™ Plus sur une tête Axialibrabore™ Plus, l'équilibrage fin n'est pas possible et il est recommandé de placer la bague d'équilibrage sur la position de prééquilibrage de la tête (selon l'opération à effectuer, voir le chapitre Instructions).
La vitesse maximale devient identique à celle correspondant à Axiabore™ Plus.

Précision de réglage : 2,5 µm *(0,0001")* au diamètre

FB 760 – Types de têtes Axiabore™, non équilibrables

Graflex®





—Avec réglage micrométrique (incrément de 0,01 mm et vernier de 2,5 µm, sur le diamètre)
—Axiabore™ Plus – permet l'alésage, ainsi que le tournage de diamètre extérieur et les gorges frontales

3. Vis de serrage
4. Vis de réglage micrométrique
2. Vis d'assemblage
5. Outil

Références	Numéro de produit	Côté machine Taille Graflex	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	BD	DCB	Poids	*	Vitesse de rotation max.**	
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		Tr/min max.**	Max. m/min**
A76001	02462575	G2	0,3 *0.012*	8,0 *0.315*	41,0 *1.614*	25,0 *0.984*	25,0 *0.984*	6,0 *0.236*	0,2 *0.4*		30000	1500
A76002	02594930	G3	2,0 *0.079*	20,0 *0.787*	52,0 *2.047*	32,0 *1.260*	36,5 *1.437*	12,0 *0.472*	0,4 *0.9*		12000	1500
A76003	02594935	G5	6,0 *0.236*	108,0 *4.252*	75,0 *2.953*	45,0 *1.772*	54,0 *2.126*	16,0 *0.630*	0,9 *2.0*	*	8000	1000

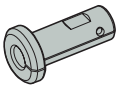
Remarque : poids sans porte-plaquette

Pour outils, voir page(s) 572-574

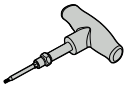
*Cap. tête AxiaBore™ Plus pour alésage de 6 à 108 mm *(0,236-4,252")* , tournage de Ø ext. 2 à 57 mm *(0,079-2,244")*, rainurage de faces 19 à 96 mm *(0,748-3,780")*.
*Max. 5000 tr/min avec MPA.

**Vitesse max., première des deux limites atteintes sans jamais les dépasser.

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Clé (Poignée-T)	Clé	Vis de serrage	Réduction de douille	Vis d'étanchéité	Tenon
							
A76001	–	DOUBLE-T	H4B-H2.0	19M4001A	05A7600604	950A0406	90M21
A76002	AU7601212	–	03M03C	19A71030	05A7601204	–	90M3A
A76003	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125	–	–	90M5A

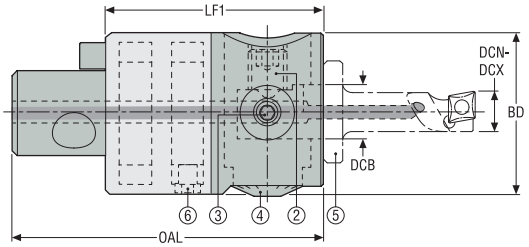
Accessoires

Pour tête	Clé dynanométrique pour les bagues d'équilibrages des vis de blocage	Clé dynanométrique pour le serrage des vis d'assemblage
		
A76001	–	H00-2009
A76002	–	H00-3030
A76003	H00T-4060	–

Têtes FB 760 type AxiaBore™, équilibrables

Graflex®





6. Vis de serrage 2
3. Vis de serrage 1
4. Vis de réglage micrométrique
2. Vis d'assemblage
5. Outil

—Système d'équilibrage intégré LibraOne basé sur une seule bague de réglage de l'équilibrage.
—Avec réglage micrométrique (incrément de 0,01 mm et vernier de 2,5 µm, sur le diamètre)

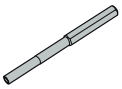
Références	Numéro de produit	Côté machine Taille Graflex	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	BD	DCB	Poids	*	Vitesse de rotation max.**	
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		Tr/min max.**	Max. m/min**
A76013	02594943	G5	6,0 *0.236*	33,0 *1.299*	95,0 *3.740*	65,0 *2.559*	54,0 *2.126*	16,0 *0.630*	1,3 *2.9*	*	20000	1500

Remarque : poids sans porte-plaquette

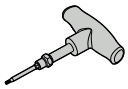
Pour outils, voir page(s) 572–574

*Capacités – Axialibrabore™ Plus - tête, avec équilibrage.
**Vitesse max., première des deux limites atteintes sans jamais les dépasser.

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Clé (Poignée-T)	Clé	Vis de serrage 1	Vis de serrage 2	Tenon
						
A76013	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125	AU7601318	90M5A1

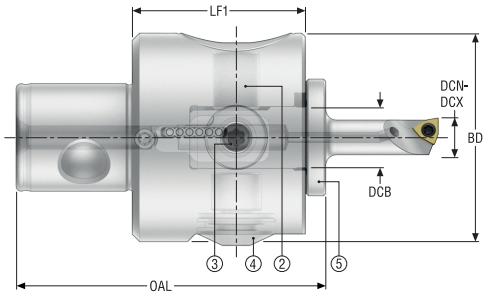
Accessoires

Pour tête	Clé dynanométrique pour les bagues d'équilibrages des vis de blocage	Clé dynanométrique pour le serrage des vis d'assemblage
		
A76013	H00-4020-60	H00T-4060

FB 760 D - têtes de type Axiabore numérique, non équilibrables

Graflex®





- Compatible avec le module d'affichage digitale pour visualiser le réglage du diamètre sur écran (module à commander séparément)
- Axiabore™ Plus – permet l'alésage, ainsi que le tournage de diamètre extérieur et les gorges frontales

3. Bride
4. Vis de réglage micrométrique
2. Vis d'assemblage
5. Outil

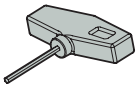
Références	Numéro de produit	Côté machine Taille Graflex	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	BD	DCB	Poids	Vitesse de rotation max.**	
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	Tr/min max.**	Max. m/min**
G3-FB760-02-D	10215570	G3	2,0 *0.079*	20,0 *0.787*	70,0 *2.756*	50,0 *1.969*	36,5 *1.437*	12,0 *0.472*	0,5 *1.1*	12000	1500
G5-FB760-03-D	10215571	G5	6,0 *0.236*	108,0 *4.252*	75,0 *2.953*	45,0 *1.772*	54,0 *2.126*	16,0 *0.630*	0,9 *2.0*	8000	1000

Remarque : poids sans porte-plaquette

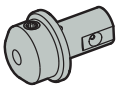
**Vitesse max., première des deux limites atteintes sans jamais les dépasser.

Les outils d'alésage et le contrôleur universel à affichage digital doivent être commandés séparément, voir pages suivantes.

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Clé (Poignée-T)	Clé	Vis de serrage
				
G3	AU7601212	–	03M03C	19A71030
G5	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125

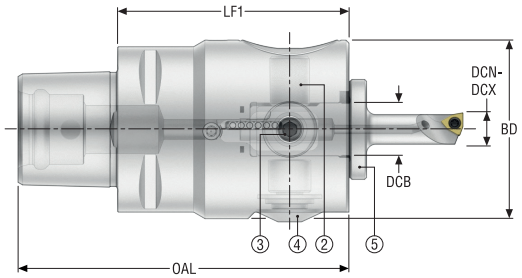
Accessoires

Pour tête	Affichage digital	Douille de réduction	Clé dynamo-métrique
			
G3	990FBDD01-Y	05A7601204	H00-3030
G5	990FBDD01-Y	–	H00-3030

FB 760 D - têtes de type Axiabore Digitales

Seco-Capto™





- Compatible avec le module d'affichage digitale pour visualiser le réglage du diamètre sur écran (module à commander séparément)
- Axiabore™ Plus – permet l'alésage, ainsi que le tournage de diamètre extérieur et les gorges frontales

3. Bride
4. Vis de réglage micrométrique
2. Vis d'assemblage
5. Outil

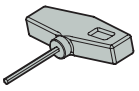
Références	Numéro de produit	Côté machine Taille Capto	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	BD	DCB	Poids	Vitesse de rotation max.**	
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	Tr/min max.**	Max. m/min**
C3-391.FB760-02-D	10215575	C3	2,0 *0.079*	20,0 *0.787*	89,0 *3.504*	70,0 *2.756*	36,5 *1.437*	12,0 *0.472*	0,5 *1.1*	12000	1500
C5-391.FB760-03-D	10215576	C5	6,0 *0.236*	108,0 *4.252*	100,0 *3.937*	70,0 *2.756*	54,0 *2.126*	16,0 *0.630*	1,3 *2.9*	8000	1000

Remarque : poids sans porte-plaquette

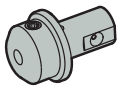
**Vitesse max., première des deux limites atteintes sans jamais les dépasser.

Les outils d'alésage et le contrôleur universel à affichage digital doivent être commandés séparément, voir pages suivantes.

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Clé (Poignée-T)	Clé	Vis de serrage
				
C3	AU7601212	–	03M03C	19A71030
C5	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125

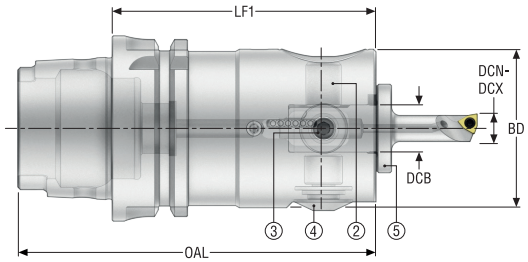
Accessoires

Pour tête	Affichage digital	Douille de réduction	Clé dynamo-métrique
			
C3	990FBDD01-Y	05A7601204	H00-3030
C5	990FBDD01-Y	–	H00-3030

FB 760 – Types de têtes Axiabore™

HSK-A





3. Bride
4. Vis de réglage micrométrique
2. Vis d'assemblage
5. Outil

—Compatible avec le module d'affichage digitale pour visualiser le réglage du diamètre sur écran (module à commander séparément)
—Axiabore™ Plus – permet l'alésage, ainsi que le tournage de diamètre extérieur et les gorges frontales

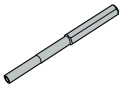
Références	Numéro de produit	Côté machine Taille Graflex	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	BD	DCB	Poids	Vitesse de rotation max.**	
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	Tr/min max.**	Max. m/min**
HSKA63-FB760-03-D	10215578	HSK-A63	6,0 *0.236*	108,0 *4.252*	122,0 *4.803*	90,0 *3.543*	54,0 *2.126*	16,0 *0.630*	1,8 *4.0*	8000	1000

Remarque : poids sans porte-plaquette

**Vitesse max., première des deux limites atteintes sans jamais les dépasser.

Les outils d'alésage et le contrôleur universel à affichage digital doivent être commandés séparément, voir pages suivantes.

Pièces détachées, pièces incluses lors de la livraison

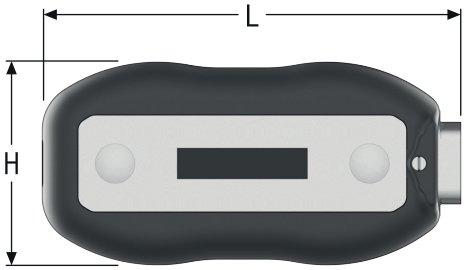
Pour tête	Vis de montage	Clé (Poignée-T)	Clé	Vis de serrage
				
HSKA	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125

Accessoires

Pour tête	Affichage digital	Clé dynamo-métrique
		
HSKA	990FBDD01-Y	H00-3030

Affichage numérique pour têtes à aléser digitales





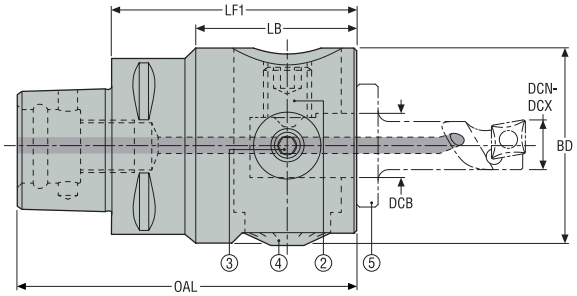
—Affichage numérique pour têtes à aléser digitales de finition
—Un seul écran peut être utilisé pour toutes les têtes à aléser digitales de Seco
—Possibilité de régler le diamètre en mm ou en pouces
—Affichage rotatif avec aimant pour une meilleure accroche lors du montage sur la tête à aléser digitale pendant le réglage
—Contient une batterie qui se recharge par câble USB

Références	Numéro de produit	L	H	Poids
		mm *Pouces*	mm *Pouces*	kg *lbs*
990FBDD01	10215579	74,25 *2.92*	36 *1.42*	0,2 *0.008*

FB 760 – Types de têtes Axiabore™

Seco-Capto™





—Avec réglage micrométrique (incrément de 0,01 mm et vernier de 2,5 µm, sur le diamètre)
—Axiabore™ Plus – permet l'alésage, ainsi que le tournage de diamètre extérieur et les gorges frontales

3. Bride
4. Vis de réglage micrométrique
2. Vis d'assemblage
5. Outil

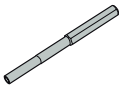
Références	Numéro de produit	Côté machine	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	BD	DCB	Poids	*	Vitesse de rotation max.**	
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		Tr/min max.**	Max. m/min**
C5-391.0760-03	02822777	C5	6,0 *0.236*	108,0 *4.252*	95,0 *3.740*	65,0 *2.559*	54,0 *2.126*	16,0 *0.630*	1,2 *2.7*	*	8000	1500

Remarque : poids sans porte-plaquette

Pour outils, voir page(s) 572–574

*Max. 5000 tr/min avec MPA.
**Cap. tête AxiaBore™ Plus pour alésage de 6 à 108 mm *(0,236-4,252")* , tournage de Ø ext. 2 à 57 mm *(0,079-2,244")*, rainurage de faces 19 à 96 mm *(0,748-3,780")*.

Pièces détachées, pièces incluses lors de la livraison

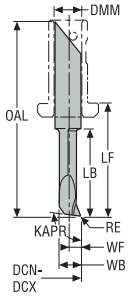
Pour tête	Vis de montage	Clé (Poignée-T)	Clé	Vis de serrage
				
C5-...-03	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125

Accessoires

Pour tête	Clé dynanométrique pour le serrage des vis d'assemblage
	
C5-...-03	H00-3030

Outils d'alésage, carbure monobloc
pour têtes FB 760





—KAPR 98°
—Arête de coupe orientation ISO
—Arrosage le long de l'outil
—Matière de l'outil : Carbure monobloc*

Références	Numéro de produit	Pour tête	Capacité DCN-DCX ∅ mm***		OAL	LB	LF	DMM	WB	WF	RE	Condition de coupe recommandée* a_p	Condition de coupe recommandée** f	Poids	Code Equilibrage
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
A761402	02462579	FB 76001	0,3 *0.012*	0,6 *0.024*	30,7 *1.209*	1,2 *0.047*	15,5 *0.610*	4,0 *0.157*	0,25 *0.010*	0,1 *0.004*	0,0 *0.0*	0,02 *0.001*	0,01 *0*	0,01 *0.0*	–
A761412	02462581	FB 76001	0,5 *0.020*	1,1 *0.043*	30,7 *1.209*	2,0 *0.079*	15,5 *0.610*	4,0 *0.157*	0,45 *0.018*	0,2 *0.008*	0,0 *0.0*	0,02 *0.001*	0,01 *0*	0,1 *0.2*	–
A761422	02462583	FB 76001	1,0 *0.039*	2,1 *0.083*	30,7 *1.209*	5,0 *0.197*	15,5 *0.610*	4,0 *0.157*	0,95 *0.037*	0,45 *0.018*	0,1 *0.004*	0,03 *0.001*	0,02 *0.001*	0,1 *0.2*	–
A761432	02462584	FB 76001/02/12	2,0 *0.079*	3,2 *0.126*	30,7 *1.209*	8,0 *0.315*	15,5 *0.610*	4,0 *0.157*	1,8 *0.071*	0,88 *0.035*	0,1 *0.004*	0,05 *0.002*	0,02 *0.001*	0,1 *0.2*	E13
A761442	02462586	FB 76001/02/12	3,0 *0.118*	4,7 *0.185*	30,7 *1.209*	10,0 *0.394*	15,5 *0.610*	4,0 *0.157*	2,75 *0.108*	1,35 *0.053*	0,15 *0.006*	0,06 *0.002*	0,03 *0.001*	0,1 *0.2*	E14
A761452	02462587	FB 76001/02/12	4,5 *0.177*	6,2 *0.244*	35,7 *1.406*	15,0 *0.591*	20,5 *0.807*	4,0 *0.157*	3,95 *0.156*	1,95 *0.077*	0,15 *0.006*	0,08 *0.003*	0,03 *0.001*	0,1 *0.2*	E15

*Ces outils à corps Ø 4 mm requièrent l'utilisation d'une douille de réduction, livrée avec les têtes et kits appropriés.

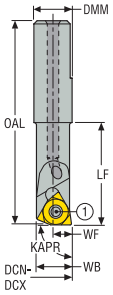
** Pour les vitesses de coupe, voir page(s) 636-639

***+0,1 mm de capacité complémentaire réalisable.

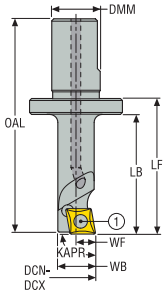
Barres d'alésage, type de plaquette
pour têtes FB 760



Version 1



Version 2



1 = Vis de plaquette

—Convient aux têtes à aléser digitales et analogiques
—Arête de coupe orientation ISO
—Arrosage par le centre
—Seulement deux tailles de plaquettes pour tous les outils
—Matière de l'outil * = Acier, plaquette indexable
—Matière de l'outil ** = Carbure, plaquette indexable
—KAPR 90°

Références	Numéro de produit	Matière de 'outil	Pour tête	** Capacité DCN-DCX ∅		OAL	LB	LF	DMM	WB	WF	Poids	Figure	Taille de plaquette adaptée	Code Equilibrage
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*			
A762001	02462590	*	FB 76001	6,0 *0.236*	8,0 *0.315*	31,7 *1.248*	0,0 –	16,0 *0.630*	6,0 *0.236*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	1	WB...0301..	–
A762002	02594947	*	FB 76002/12	6,0 *0.236*	8,0 *0.315*	39,7 *1.563*	16,0 *0.630*	20,0 *0.787*	12,0 *0.472*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	2	WB...0301..	S21
A762003	02594967	*	FB 76003/13	6,0 *0.236*	8,0 *0.315*	50,2 *1.976*	16,0 *0.630*	21,0 *0.827*	16,0 *0.630*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	2	WB...0301..	S31
A763002	02594948	*	FB 76002/12	8,0 *0.315*	10,0 *0.394*	45,7 *1.799*	22,0 *0.866*	26,0 *1.024*	12,0 *0.472*	7,4 *0.291*	3,9 *0.154*	0,1 *0.2*	2	WB...0301..	S22
A763003	02594968	*	FB 76003/13	8,0 *0.315*	10,0 *0.394*	56,2 *2.213*	22,0 *0.866*	27,0 *1.063*	16,0 *0.630*	7,4 *0.291*	3,9 *0.154*	0,1 *0.2*	2	WB...0301..	S32
A765002	02594957	*	FB 76002/12	10,0 *0.394*	13,0 *0.512*	53,5 *2.106*	30,0 *1.181*	34,0 *1.339*	12,0 *0.472*	9,35 *0.368*	4,8 *0.189*	0,1 *0.2*	2	CC...0602..	S23
A765003	02594969	*	FB 76003/13	10,0 *0.394*	13,0 *0.512*	64,0 *2.520*	30,0 *1.181*	35,0 *1.378*	16,0 *0.630*	9,35 *0.368*	4,8 *0.189*	0,1 *0.2*	2	CC...0602..	S33
A762201	02462591	**	FB 76001	6,0 *0.236*	8,0 *0.315*	41,7 *1.642*	0,0 –	26,0 *1.024*	6,0 *0.236*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	1	WB...0301..	–
A762202	02594958	**	FB 76002/12	6,0 *0.236*	8,0 *0.315*	50,7 *1.996*	27,0 *1.063*	31,0 *1.220*	12,0 *0.472*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	2	WB...0301..	E21
A762203	02594970	**	FB 76003/13	6,0 *0.236*	8,0 *0.315*	61,2 *2.409*	27,0 *1.063*	32,0 *1.260*	16,0 *0.630*	5,5 *0.217*	2,9 *0.114*	0,2 *0.4*	2	WB...0301..	E31
A763202	02594961	**	FB 76002/12	8,0 *0.315*	10,0 *0.394*	60,7 *2.390*	37,0 *1.457*	41,0 *1.614*	12,0 *0.472*	7,4 *0.291*	3,9 *0.154*	0,1 *0.2*	2	WB...0301..	E22
A763203	02594971	**	FB 76003/13	8,0 *0.315*	10,0 *0.394*	71,2 *2.803*	37,0 *1.457*	42,0 *1.654*	16,0 *0.630*	7,4 *0.291*	3,9 *0.154*	0,2 *0.4*	2	WB...0301..	E32
A765202	02594962	**	FB 76002/12	10,0 *0.394*	13,0 *0.512*	78,5 *3.091*	55,0 *2.165*	59,0 *2.323*	12,0 *0.472*	9,35 *0.368*	4,8 *0.189*	0,1 *0.2*	2	CC...0602..	E23
A765203	02594972	**	FB 76003/13	10,0 *0.394*	13,0 *0.512*	89,0 *3.504*	55,0 *2.165*	60,0 *2.362*	16,0 *0.630*	9,35 *0.368*	4,8 *0.189*	0,2 *0.4*	2	CC...0602..	E33

**+0,2 mm de capacité complémentaire réalisable.

Pièces détachées, pièces incluses lors de la livraison

Pour taille de plaquette	Vis de plaquette
	
CC...0602..	C02504-T07P
WB...0301..	C02035-T06P

Accessoires

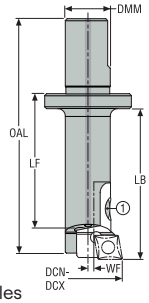
Clé	Clé (Poignée-T)
	
H4B-T07P	DOUBLE-T
H4B-T06P	DOUBLE-T

Attachements d'alésage, pour barres d'alésage modulaires de finition

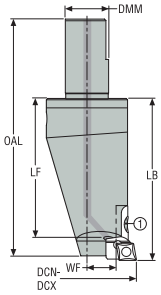
pour têtes FB 760



Version 1



Version 2



—Plusieurs capacités réalisables par des porte-plaquettes interchangeables
—Types d'attachement 'acier' pour barres courtes, 'carbure" pour barres longues, 'aluminium' pour grosses barres
—Arrosage par le centre

1 = Vis de serrage

Références	Numéro de produit	Matière de l'outil	Pour tête	** Capacité DCN-DCX ∅		***	OAL	LB	LF	DMM	WF	Poids	Figure
				mm *Pouces*	mm *Pouces*		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
A760S20	02594963	Acier	FB 76002/12	13,0 *0.512*	20,0 *0.787*		62,5 *2.461*	40,0 *1.575*	34,0 *1.339*	12,0 *0.472*	1,4 *0.055*	0,1 *0.2*	1
A760S30	02594973	Acier	FB 76003/13	13,0 *0.512*	18,0 *0.709*		73,0 *2.874*	40,0 *1.575*	35,0 *1.378*	16,0 *0.630*	1,4 *0.055*	0,1 *0.2*	1
A760S31	02594974	Acier	FB 76003/13	18,0 *0.709*	33,0 *1.299*		83,0 *3.268*	50,0 *1.969*	45,0 *1.772*	16,0 *0.630*	3,9 *0.154*	0,1 *0.2*	1
A760E20	02594964	Carbure	FB 76002/12	13,0 *0.512*	20,0 *0.787*		82,5 *3.248*	60,0 *2.362*	54,0 *2.126*	12,0 *0.472*	1,4 *0.055*	0,2 *0.4*	1
A760E30	02594965	Carbure	FB 76003/13	13,0 *0.512*	18,0 *0.709*		103,0 *4.055*	70,0 *2.756*	65,0 *2.559*	16,0 *0.630*	1,4 *0.055*	0,2 *0.4*	1
A760E31	02594966	Carbure	FB 76003/13	18,0 *0.709*	33,0 *1.299*		113,0 *4.449*	80,0 *3.150*	75,0 *2.953*	16,0 *0.630*	3,9 *0.154*	0,3 *0.7*	1
A760A32	02594977	Aluminium	FB 76003/13	33,0 *1.299*	48,0 *1.890*	***	88,0 *3.465*	60,0 *2.362*	50,0 *1.969*	16,0 *0.630*	11,5 *0.453*	0,2 *0.4*	2
A760A33	02594978	Aluminium	FB 76003/13	48,0 *1.890*	63,0 *2.480*	***	108,0 *4.252*	80,0 *3.150*	70,0 *2.756*	16,0 *0.630*	19,0 *0.748*	0,4 *0.9*	2

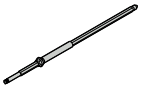
Remarque : poids sans porte-plaquette.

**+0,2 mm de capacité complémentaire réalisable.
*** En cas d'utilisation sur A760 13, aucun équilibrage fin n'est possible Sélectionnez la combinaison attachement / porte-plaquettes requise à l'aide du tableau de sélection page(s) 576.

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de serrage
	
A76002/12	C04008-T15P
A76003	C04008-T15P
A76003/13	C04008-T15P

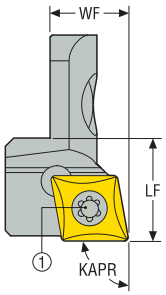
Accessoires

Clé (Poignée-T)	Clé
	
DOUBLE-T	H6B-T15P
DOUBLE-T	H6B-T15P
DOUBLE-T	H6B-T15P

Porte-plaquettes, pour barres d'alésage modulaires de finition

pour têtes FB 760





1 = Vis de plaquette

—Une seule taille de montage adaptée à toutes les barres à aléser (et à tourner le diamètre extérieur).
—Une taille de plaquette pour tous les porte-plaquettes

Références	Numéro de produit	LF mm *Pouces*	WF mm *Pouces*	Poids kg *lbs*	Taille de plaquette adaptée	KRINS°
A765R1	02594979	10,0 *0.394*	4,95 *0.195*	0,1 *0.2*	CC...0602...	90
A765R2	02594983	10,0 *0.394*	6,2 *0.244*	0,1 *0.2*	CC...0602...	90
A765R3	02594984	10,0 *0.394*	7,45 *0.293*	0,1 *0.2*	CC...0602...	90
A765R4	02594987	10,0 *0.394*	8,7 *0.343*	0,1 *0.2*	CC...0602...	90
A765R5	02594989	10,0 *0.394*	9,97 *0.393*	0,1 *0.2*	CC...0602...	90
A765R6	02594990	10,0 *0.394*	11,2 *0.441*	0,1 *0.2*	CC...0602...	90

*WF si équipé d'un type de plaquette CC..060204.
Sélectionnez la combinaison attachement / porte-plaquettes requise à l'aide du tableau de sélection page(s) 576.

Pièces détachées, pièces incluses lors de la livraison

Pour taille de plaquette	Vis de plaquette
	
CC...0602...	C02504-T07P

Accessoires

Clé	Clé (Poignée-T)
	
H4B-T07P	DOUBLE-T

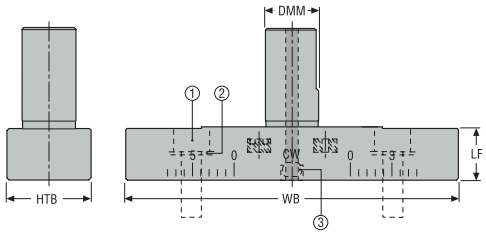
Tableau de sélection : Outils d'alésage et porte-plaquettes pour têtes FB 760

Pour tête	Capacité d'alésage DCN-DCX ∅ mm	inch	Alésage longueur LB mm	inch	Références Outil à aléser	Porte-plaquettes	DMM mm	inch	Taille de plaquette adaptée	Type d'outil
A760 01	0,3-0,6	0.012-0.024	1,2	0.047	A761402	–	4	0.157	–	Carbure monobloc
	0,5-1,1	0.020-0.043	2	0.078	A761412	–	4	0.157	–	Carbure monobloc
	1-2,1	0.039-0.083	-	-	A761422	–	4	0.157	–	Carbure monobloc
	2-3,2	0.079-0.126	8	0.315	A761432	–	4	0.157	–	Carbure monobloc
	3-4,7	0.118-0.185	10	0.394	A761442	–	4	0.157	–	Carbure monobloc
	4,5-6,2	0.177-0.244	15	0.591	A761452	–	4	0.157	–	Carbure monobloc
	6-8	0.236-0.315	16	0.630	A762001	–	6	0.236	WB..0301..	Acier, pour plaquettes
	6-8	0.236-0.315	26	1.024	A762201	–	6	0.236	WB..0301..	Carbure, type plaquettes
A760 02/ A760 12	2-3,2	0.079-0.126	8	0.315	A761432	–	4	0.157	–	Carbure monobloc
	3-4,7	0.118-0.185	10	0.394	A761442	–	4	0.157	–	Carbure monobloc
	4,5-6,2	0.177-0.244	15	0.591	A761452	–	4	0.157	–	Carbure monobloc
	6-8	0.236-0.315	16	0.630	A762002	–	12	0.472	WB..0301..	Acier, pour plaquettes
	6-8	0.236-0.315	27	1.063	A762202	–	12	0.472	WB..0301..	Carbure, type plaquettes
	8-10	0.315-0.394	22	0.866	A763002	–	12	0.472	WB..0301..	Acier, pour plaquettes
	8-10	0.315-0.394	37	1.457	A763202	–	12	0.472	WB..0301..	Carbure, type plaquettes
	10-13	0.394-0.512	30	1.181	A765002	–	12	0.472	CC..0602..	Acier, pour plaquettes
	10-13	0.394-0.512	55	2.165	A765202	–	12	0.472	CC..0602..	Carbure, type plaquettes
	13-15,5	0.512-0.610	40	1.575	A760S20	A765R1	12	0.472	CC..0602..	Acier avec porte-plaquette
	13-15,5	0.512-0.610	60	2.362	A760E20	A765R1	12	0.472	CC..0602..	Carbure avec porte-plaquette
	15,5-18	0.610-0.709	40	1.575	A760S20	A765R2	12	0.472	CC..0602..	Acier avec porte-plaquette
	15,5-18	0.610-0.709	60	2.362	A760E20	A765R2	12	0.472	CC..0602..	Carbure avec porte-plaquette
	18-20	0.709-0.787	40	1.575	A760S20	A765R3	12	0.472	CC..0602..	Acier avec porte-plaquette
	18-20	0.709-0.787	60	2.362	A760E20	A765R3	12	0.472	CC..0602..	Carbure avec porte-plaquette
A760 03/ A760 13	6-8	0.236-0.315	16	0.630	A762003	–	16	0.630	WB..0301..	Acier, pour plaquettes
	6-8	0.236-0.315	32	1.260	A762203	–	16	0.630	WB..0301..	Carbure, type plaquettes
	8-10	0.315-0.394	22	0.866	A763003	–	16	0.630	WB..0301..	Acier, pour plaquettes
	8-10	0.315-0.394	37	1.457	A763203	–	16	0.630	WB..0301..	Carbure, type plaquettes
	10-13	0.394-0.512	30	1.181	A765003	–	16	0.630	CC..0602..	Acier, pour plaquettes
	10-13	0.394-0.512	55	2.165	A765203	–	16	0.630	CC..0602..	Carbure, type plaquettes
	13-15,5	0.512-0.610	40	1.575	A760S30	A765R1	16	0.630	CC..0602..	Acier avec porte-plaquette
	13-15,5	0.512-0.610	70	2.756	A760E30	A765R1	16	0.630	CC..0602..	Carbure avec porte-plaquette
	15,5-18	0.610-0.709	40	1.575	A760S30	A765R2	16	0.630	CC..0602..	Acier avec porte-plaquette
	15,5-18	0.610-0.709	70	2.756	A760E30	A765R2	16	0.630	CC..0602..	Carbure avec porte-plaquette
	18-20,5	0.709-0.807	50	1.969	A760S31	A765R1	16	0.630	CC..0602..	Acier avec porte-plaquette
	18-20,5	0.709-0.807	80	3.150	A760E31	A765R1	16	0.630	CC..0602..	Carbure avec porte-plaquette
	20,5-23	0.807-0.906	50	1.969	A760S31	A765R2	16	0.630	CC..0602..	Acier avec porte-plaquette
	20,5-23	0.807-0.906	80	3.150	A760E31	A765R2	16	0.630	CC..0602..	Carbure avec porte-plaquette
	23-25,5	0.906-1.00	50	1.969	A760S31	A765R3	16	0.630	CC..0602..	Acier avec porte-plaquette
	23-25,5	0.906-1.00	80	3.150	A760E31	A765R3	16	0.630	CC..0602..	Carbure avec porte-plaquette
	25,5-28	1.004-1.102	50	1.969	A760S31	A765R4	16	0.630	CC..0602..	Acier avec porte-plaquette
	25,5-28	1.004-1.102	80	3.150	A760E31	A765R4	16	0.630	CC..0602..	Carbure avec porte-plaquette
	28-30,5	1.102-1.201	50	1.969	A760S31	A765R5	16	0.630	CC..0602..	Acier avec porte-plaquette
	28-30,5	1.102-1.201	80	3.150	A760E31	A765R5	16	0.630	CC..0602..	Carbure avec porte-plaquette
	30,5-33	1.201-1.299	50	1.969	A760S31	A765R6	16	0.630	CC..0602..	Acier avec porte-plaquette
	30,5-33	1.201-1.299	80	3.150	A760E31	A765R6	16	0.630	CC..0602..	Carbure avec porte-plaquette
	33-35,5*	1.299-1.398*	60	2.362	A760A32	A765R1	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	35,5-38*	1.299-1.496*	60	2.362	A760A32	A765R2	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	38-40,5*	1.496-1.594*	60	2.362	A760A32	A765R3	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	40,5-43*	1.594-1.693*	60	2.362	A760A32	A765R4	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	43-45,5*	1.693-1.791*	60	2.362	A760A32	A765R5	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	45,5-48*	1.791-1.890*	60	2.362	A760A32	A765R6	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	48-50,5*	1.890-1.988*	80	3.150	A760A33	A765R1	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	50,5-53*	1.988-2.087*	80	3.150	A760A33	A765R2	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	53-55,5*	2.087-2.185*	80	3.150	A760A33	A765R3	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	55,5-58*	2.185-2.283*	80	3.150	A760A33	A765R4	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	58-60,5*	2.283-2.382*	80	3.150	A760A33	A765R5	16	0.630	CC..0602..	Aluminium avec porte-plaquettes
	60,5-63*	2.382-2.480*	80	3.150	A760A33	A765R6	16	0.630	CC..0602..	Aluminium avec porte-plaquettes

Pour diamètres plus larges, voir le chapitre MPA (multi-usage).
* En cas d'utilisation sur A760 13, aucun équilibrage fin n'est possible

Adaptateur polyvalent (MPA)
pour têtes FB 760



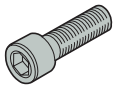


—Convient aux têtes à aléser digitales et analogiques Axiabore™ Plus – A760 03 uniquement*
—Conçu pour maintenir un attachement et un contrepoids (pour alésage et tournage de diamètre extérieur) ou deux porte-outils de rainurage (gorges frontales)
—Arrosage par le centre avec buse réglable (3)

1. Vis d'assemblage
2. Rondelle
3. Buse réglable

Références	Numéro de produit	Capacité DCN-DCX ∅ Pour alésage		Pour la finition du diamètre exterieur		Pour rainurage		HTB	LF	DMM	WB	Poids
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
BDA16BS25100	02595014	53,0 *2.087*	108,0 *4.252*	2,0 *0.079*	57,0 *2.244*	31,0 *1.220*	96,0 *3.780*	25,0 *0.984*	16,0 *0.630*	16,0 *0.630*	100,0 *3.937*	0,3 *0.660*

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage	Rondelle
		
BDA16BS25100	950D0618	940ZC06

Accessoires

Pour tête	Clé
	
BDA16BS25100	03HL05

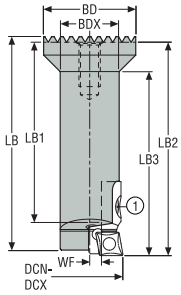
*En cas d'utilisation sur une tête - Axialibrabore™ Plus - A760 13, aucun équilibrage fin n'est possible, voir page(s) 564
Sélectionner les composants requis pour réaliser des ensembles d'alésage, de tournage de diamètre extérieur ou de rainurage, à l'aide des pages suivantes 581-592

Outil & contrepoids, pour alésage / tournage de Ø extérieur sur un adaptateur MPA

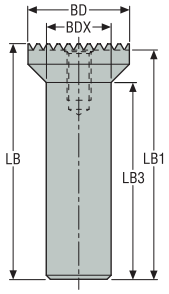
pour têtes FB 760



Version A



Version B



—Pour montage sur adaptateur MPA
—L'outil peut être utilisé pour l'alésage ou le tourillonnage externe
—Utilise les mêmes porte-plaquettes que les attachements à aléser modulaires

1. Vis d'assemblage

Références	Numéro de produit	Conception	** Capacité DCN-DCX ∅ Pour alésage		Pour la finition du diamètre exterieur		LB	LB1	LB2	LB3	WF	BDX	BD	Poids	Figure
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
BAS25MH1660	02595019	Outil*	53,0 *2.087*	108,0 *4.252*	2,0 *0.079*	57,0 *2.244*	58,5 *2.303*	48,5 *1.909*	58,5 *2.303*	50,0 *1.969*	4,0 *0.157*	16,0 *0.630*	25,0 *0.984*	0,1 *0.2*	A
BAS25CW1660	02595016	Contrepoids	53,0 *2.087*	108,0 *4.252*	2,0 *0.079*	57,0 *2.244*	58,0 *2.283*	56,6 *2.228*	–	48,5 *1.909*	–	16,0 *0.630*	25,0 *0.984*	0,2 *0.4*	B

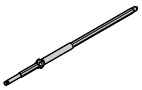
*Les porte-plaquettes doivent être commandés séparément, voir page(s) 575

**Les capacités en alésage et en tournage de diamètre extérieur dépendent du porte-plaquette choisi et de la position de réglage de l'attachement à l'aide de graphiques de sélection des porte-plaquettes pour alésage ou tournage de diamètre aux pages(s) 581–592

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage
	
BAS25CW1660	–
BAS25MH1660	C04008-T15P

Accessoires

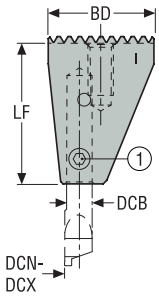
Pour	Clé	Clé (Poignée-T)
		
BAS25CW1660	–	–
BAS25MH1660	H6B-T15P	DOUBLE-T

Porte-outils pour rainurage (gorges axiales) avec adaptateur MPA

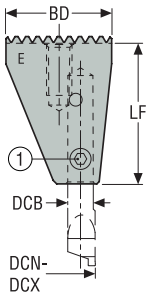
pour têtes FB 760



I



E



—Pour montage sur adaptateur MPA
—Un porte-outil de rainurage est utilisé pour maintenir un outil de rainurage et l'autre est utilisé comme contrepoids

1. Vis de serrage

Références	Numéro de produit	Conception	* Capacité DCN-DCX ∅		DCB	LF	BD	Poids	Figure
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
BAS25FGI35	02595021	Outils de rainurage, porte-outils I (intérieur)*	19,0 *0.748*	76,0 *2.992*	6,0 *0.236*	35,0 *1.378*	25,0 *0.984*	0,1 *0.2*	I (Intérieur)
BAS25FGE35	02595020	Outils de rainurage, porte-outils E (extérieur)*	39,0 *1.535*	96,0 *3.780*	6,0 *0.236*	35,0 *1.378*	25,0 *0.984*	0,1 *0.2*	E (Extérieur)

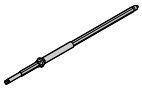
*Les outils de rainurage doivent être commandés séparément, voir page(s) 580

* La capacité en rainurage dépend de l'outil de rainurage choisi, de la position de réglage et de l'orientation du porte-outil de rainurage, en utilisant les graphiques de sélection d'outil de rainurage contre paroi (ou contre alésage), voir page(s) 581–592

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de serrage
	
BAS25FGE35	950L0607T15P
BAS25FGI35	950L0607T15P

Accessoires

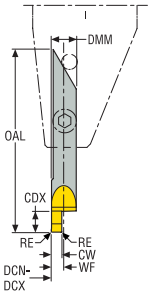
Pour	Clé (Poignée-T)	Clé
		
BAS25FGE35	DOUBLE-T	H6B-T15P
BAS25FGI35	DOUBLE-T	H6B-T15P

Outils de rainurage
pour têtes FB 760

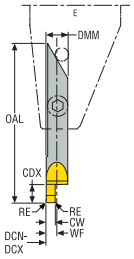


—Utilisables pour les porte-outils de rainurage "externes" ou "internes", en fonction de la capacité

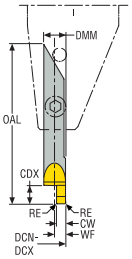
A



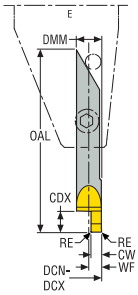
B



C



D



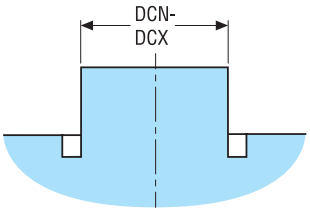
Références	Numéro de produit	Conception	* Capacité DCN-DCX ∅ Design A		Design B		Design C		Design D		OAL	CW	RE	DMM	WF	Prof. de gorge maxi **	Poids
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
AFG0629101582	02595028	Contre paroi	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	1,0 *0.039*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	2,0 *0.079*	0,07 *0.150*
AFG0629151582	02595029	Contre paroi	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	1,5 *0.059*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	3,0 *0.118*	0,07 *0.150*
AFG0629201582	02595031	Contre paroi	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	2,0 *0.079*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	5,0 *0.197*	0,1 *0.220*
AFG0629251582	02595032	Contre paroi	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	2,5 *0.098*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	5,0 *0.197*	0,1 *0.220*
AFG0629301582	02595033	Contre paroi	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	3,0 *0.118*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	6,0 *0.236*	0,1 *0.220*
AFG0629101581	02595022	Contre alésage	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	1,0 *0.039*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	2,0 *0.079*	0,1 *0.220*
AFG0629151581	02595023	Contre alésage	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	1,5 *0.059*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	3,0 *0.118*	0,07 *0.150*
AFG0629201581	02595024	Contre alésage	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	2,0 *0.079*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	4,0 *0.157*	0,1 *0.220*
AFG0629251581	02595026	Contre alésage	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	2,5 *0.098*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	5,0 *0.197*	0,1 *0.220*
AFG0629301581	02595027	Contre alésage	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	3,0 *0.118*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	6,0 *0.236*	0,1 *0.220*

* La capacité en rainurage dépend de l'outil de rainurage choisi, de la position de réglage et de l'orientation du porte-outil de rainurage, en utilisant les graphiques de sélection d'outil de rainurage contre paroi (ou contre alésage), voir page(s) 581-592

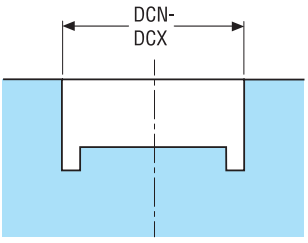
** Prof. de gorge maxi CDX

Pièces détachées, pièces incluses lors de la livraison

Outil de rainurage - contre paroi

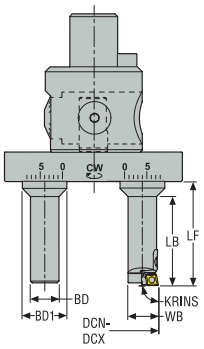


Outil de rainurage - contre alésage



Métrique Tableau de sélection :
Outils d'alésage et porte-plaquettes pour têtes FB 760

Positionner l'attachement muni du porte-plaquette approprié sur l'adaptateur MPA pour obtenir le diamètre d'alésage requis.
Remarque : Un assemblage d'alésage nécessite :
- une tête Axiabore™ Plus (A760 03)
- un adaptateur MPA (BDA16BS25100)
- un outil (BAS25MH1660)
- un contrepoids (BAS25CW1660).
- un porte-plaquette (A765R.) à choisir dans le tableau
- une plaquette

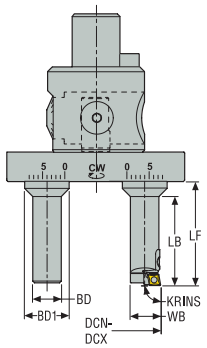


Capacité DCN-DCX ∅ mm*	Désignation du porte-plaquette	Position de l'attachement	Dimensions en mm					Angle d'attaque KRINS°	Taille de plaquette adaptée
			BD	BD1	LF	LB	WB		
53-55,5	A765 R1	0	16	25	58,5	50	17	90°	CC..0602..
55,5-58	A765 R2	0	16	25	58,5	50	18,2	90°	CC..0602..
58-60,5	A765 R1	1	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	0	16	25	58,5	50	19,5	90°	CC..0602..
60,5-63	A765 R2	1	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	0	16	25	58,5	50	20,7	90°	CC..0602..
63-65,5	A765 R1	2	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	1	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	0	16	25	58,5	50	22	90°	CC..0602..
65,5-68	A765 R2	2	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	1	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	0	16	25	58,5	50	23,3	90°	CC..0602..
68-70,5	A765 R1	3	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	2	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	1	16	25	58,5	50	22	90°	CC..0602..
70,5-73	A765 R2	3	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	2	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	1	16	25	58,5	50	23,2	90°	CC..0602..
73-75,5	A765 R1	4	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	3	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	2	16	25	58,5	50	22	90°	CC..0602..
75,5-78	A765 R2	4	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	3	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	2	16	25	58,5	50	23,2	90°	CC..0602..
78-80,5	A765 R1	5	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	4	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	3	16	25	58,5	50	22	90°	CC..0602..
80,5-83	A765 R2	5	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	4	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	3	16	25	58,5	50	23,2	90°	CC..0602..
83-85,5	A765 R1	6	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	5	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	4	16	25	58,5	50	22	90°	CC..0602..
85,5-88	A765 R2	6	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	5	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	4	16	25	58,5	50	23,2	90°	CC..0602..
88-90,5	A765 R1	7	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	6	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	5	16	25	58,5	50	22	90°	CC..0602..
90,5-93	A765 R2	7	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	6	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	5	16	25	58,5	50	23,2	90°	CC..0602..
93-95,5	A765 R1	8	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	7	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	6	16	25	58,5	50	22	90°	CC..0602..
95,5-98	A765 R2	8	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	7	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	6	16	25	58,5	50	23,2	90°	CC..0602..
98-100,5	A765 R3	8	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	7	16	25	58,5	50	22	90°	CC..0602..
100,5-103	A765 R4	8	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	7	16	25	58,5	50	23,2	90°	CC..0602..
103-105,5	A765 R5	8	16	25	58,5	50	22	90°	CC..0602..
105,5-108	A765 R6	8	16	25	58,5	50	23,2	90°	CC..0602..

* +0,2 mm *(0.008")* capacité complémentaire réalisable.
Description détaillée des porte-plaquettes, voir page(s) 575

Pouces Tableau de sélection : Outils d'alésage et porte-plaquettes pour têtes FB 760

Positionner l'attachement muni du porte-plaquette approprié sur l'adaptateur MPA pour obtenir le diamètre d'alésage requis.
Remarque : Un assemblage d'alésage nécessite :
- une tête Axiabore™ Plus (A760 03)
- un adaptateur MPA (BDA16BS25100)
- un outil (BAS25MH1660)
- un contrepoids (BAS25CW1660).
- un porte-plaquette (A765R.) à choisir dans le tableau
- une plaquette

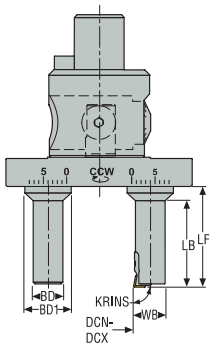


Capacité DCN-DCX ∅ inch*	Désignation du porte-plaquette	Position de l'attachement	Dimensions en pouces					Angle d'attaque KRINS°	Taille de plaquette adaptée
			BD	BD1	LF	LB	WB		
2.087-2.185	A765 R1	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
2.185-2.283	A765 R2	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
2.283-2.382	A765 R1	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
2.382-2.480	A765 R2	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
2.480-2.579	A765 R1	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
2.579-2.677	A765 R2	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.917*	90°	CC..0602..
2.677-2.776	A765 R1	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
2.776-2.874	A765 R2	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
2.874-2.972	A765 R1	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
2.972-3.071	A765 R2	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.071-3.169	A765 R1	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.169-3.268	A765 R2	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.268-3.366	A765 R1	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.366-3.465	A765 R2	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.465-3.563	A765 R1	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.563-3.661	A765 R2	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.661-3.760	A765 R1	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.760-3.858	A765 R2	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.858-3.957	A765 R3	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.957-4.055	A765 R4	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
4.055-4.154	A765 R5	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
4.154-4.252	A765 R6	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..

* +0,2 mm *(0.008")* capacité complémentaire réalisable.
Description détaillée des porte-plaquettes, voir page(s) 575

Métrique Tableau de sélection :
Porte-plaquette pour tournage de dia. ext. avec MPA, pour têtes FB 760

Positionner l'attachement muni du porte-plaquette approprié sur l'adaptateur MPA pour obtenir le diamètre d'alésage requis.
Remarque : un assemblage d'alésage nécessite :
- une tête Axiabore™ Plus (A760 03)
- un adaptateur MPA (BDA16BS25100)
- un outil (BAS25MH1660)
- un contrepoids (BAS25CW1660).
- un porte-plaquette (A765R.) à choisir dans le tableau
- une plaquette

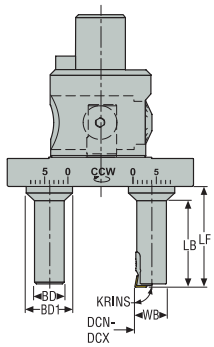


Capacité DCN-DCX ∅ mm*	Désignation du porte-plaquette	Position de l'attachement	Dimensions en mm					Angle d'attaque KRINS°	Taille de plaquette adaptée
			BD	BD1	LF	LB	WB		
2-4,5	A765 R6	0	16	25	58,5	50	23,2	90°	CC..0602..
4,5-7	A765 R5	0	16	25	58,5	50	22	90°	CC..0602..
7-9,5	A765 R6	1	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	0	16	25	58,5	50	20,7	90°	CC..0602..
9,5-12	A765 R5	1	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	0	16	25	58,5	50	19,5	90°	CC..0602..
12-14,5	A765 R6	2	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	1	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	0	16	25	58,5	50	18,2	90°	CC..0602..
14,5-17	A765 R5	2	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	1	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	0	16	25	58,5	50	17	90°	CC..0602..
17-19,5	A765 R6	3	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	2	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	1	16	25	58,5	50	18,2	90°	CC..0602..
19,5-22	A765 R5	3	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	2	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	1	16	25	58,5	50	17	90°	CC..0602..
22-24,5	A765 R6	4	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	3	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	2	16	25	58,5	50	18,2	90°	CC..0602..
24,5-27	A765 R5	4	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	3	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	2	16	25	58,5	50	17	90°	CC..0602..
27-29,5	A765 R6	5	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	4	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	3	16	25	58,5	50	18,2	90°	CC..0602..
29,5-32	A765 R5	5	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	4	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	3	16	25	58,5	50	17	90°	CC..0602..
32-34,5	A765 R6	6	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	5	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	4	16	25	58,5	50	18,2	90°	CC..0602..
34,5-37	A765 R5	6	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	5	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	4	16	25	58,5	50	17	90°	CC..0602..
37-39,5	A765 R6	7	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	6	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	5	16	25	58,5	50	18,2	90°	CC..0602..
39,5-42	A765 R5	7	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	6	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	5	16	25	58,5	50	17	90°	CC..0602..
42-44,5	A765 R6	8	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	7	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	6	16	25	58,5	50	18,2	90°	CC..0602..
44,5-47	A765 R5	8	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	7	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	6	16	25	58,5	50	17	90°	CC..0602..
47-49,5	A765 R4	8	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	7	16	25	58,5	50	18,2	90°	CC..0602..
49,5-52	A765 R3	8	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	7	16	25	58,5	50	17	90°	CC..0602..
52-54,5	A765 R2	8	16	25	58,5	50	18,2	90°	CC..0602..
54,5-57	A765 R1	8	16	25	58,5	50	17	90°	CC..0602..

* +0,2 mm *(0.008")* capacité complémentaire réalisable.
Description détaillée des porte-plaquettes, voir page(s) 575

Pouces Tableau de sélection :
Porte-plaquette pour tournage de dia. ext. avec MPA, pour têtes FB 760

Positionner l'attachement muni du porte-plaquette approprié sur l'adaptateur MPA pour obtenir le diamètre d'alésage requis.
Remarque : un assemblage d'alésage nécessite :
- une tête Axiabore™ Plus (A760 03)
- un adaptateur MPA (BDA16BS25100)
- un outil (BAS25MH1660)
- un contrepoids (BAS25CW1660).
- un porte-plaquette (A765R.) à choisir dans le tableau
- une plaquette

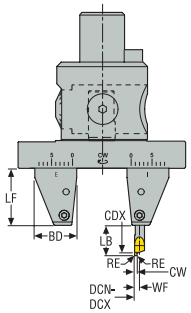


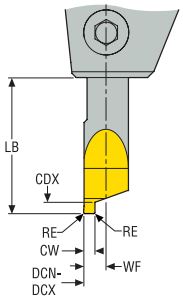
Capacité DCN-DCX ∅ inch*	Désignation du porte-plaquette	Position de l'attachement	Dimensions en pouces					Angle d'attaque KRINS°	Taille de plaquette adaptée
			BD	BD1	LF	LB	WB		
0.079-0.177	A765 R6	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
0.177-0.276	A765 R5	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
0.276-0.374	A765 R6	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
0.374-0.472	A765 R5	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
0.472-0.571	A765 R6	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
0.571-0.669	A765 R5	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
0.669-0.768	A765 R6	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
0.768-0.866	A765 R5	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
0.866-0.965	A765 R6	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
0.965-1.063	A765 R5	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.063-1.161	A765 R6	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.161-1.260	A765 R5	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.260-1.358	A765 R6	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.358-1.457	A765 R5	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.457-1.555	A765 R6	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.555-1.654	A765 R5	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.654-1.654	A765 R6	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.654-1.850	A765 R5	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.850-1.949	A765 R4	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.949-2.047	A765 R3	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
2.047-2.146	A765 R2	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
2.146-2.244	A765 R1	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..

* +0,2 mm *(0.008")* capacité complémentaire réalisable.
Description détaillée des porte-plaquettes, voir page(s) 575

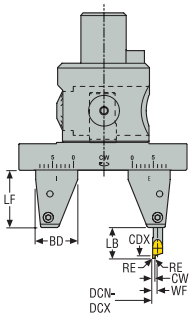
Métrique Tableau de sélection : Outil de rainurage – contre paroi – avec système MPA, pour têtes FB 760

Cas d'assemblage 1

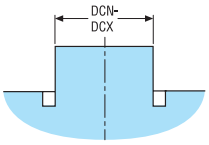




Cas d'assemblage 2



Sélectionner l'outil de rainurage approprié et noter la position du porte-outil de rainurage sur l'adaptateur MPA pour obtenir la capacité de rainure requise.



Remarque : Un outil de rainurage contre paroi assemblé requiert :

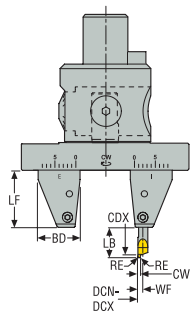
- Une tête Axiabore™ Plus (A760 03)
- Un adaptateur MPA (BDA16BS25100)
- Un porte-outil de rainurage I (position interne) et E (position externe) (BAS25FGI35 and BAS25FGE35) pour maintenir l'outil de rainurage ou pour servir de contrepoids (voir la position de réglage dans le tableau)
- Un outil de rainurage contre paroi (AFG...82) à sélectionner sur le tableau, fonction de la largeur de rainure et du diamètre.

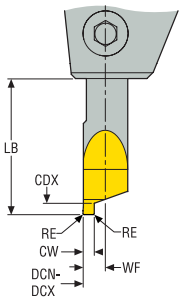
Capacité DCN-DCX ∅ mm*	Outil de rainurage contre paroi Désignation	Position du porte-outil de rainurage**	Con-ception	Dimensions en mm BD	CW	LF	LB	WF	RE	Prof. de gorge maxi CDX
19-24	AFG0629 10 1582	0-I	1	25	1	34	18	2,95	0,15	2,0
24-29		1-I	1	25	1	34	18	2,95	0,15	2,0
29-34		2-I	1	25	1	34	18	2,95	0,15	2,0
34-39		3-I	1	25	1	34	18	2,95	0,15	2,0
39-44		**0-E** / 4-I	1/2	25	1	34	18	2,95	0,15	2,0
44-49		**1-E** / 5-I	1/2	25	1	34	18	2,95	0,15	2,0
49-54		**2-E** / 6-I	1/2	25	1	34	18	2,95	0,15	2,0
54-59		**3-E** / 7-I	1/2	25	1	34	18	2,95	0,15	2,0
59-64		**4-E** / 8-I	1/2	25	1	34	18	2,95	0,15	2,0
64-69		5-E	2	25	1	34	18	2,95	0,15	2,0
69-74		6-E	2	25	1	34	18	2,95	0,15	2,0
74-79		7-E	2	25	1	34	18	2,95	0,15	2,0
79-84		8-E	2	25	1	34	18	2,95	0,15	2,0
19-24	AFG0629 15 1582	0-I	1	25	1,5	34	18	2,95	0,15	3,0
24-29		1-I	1	25	1,5	34	18	2,95	0,15	3,0
29-34		2-I	1	25	1,5	34	18	2,95	0,15	3,0
34-39		3-I	1	25	1,5	34	18	2,95	0,15	3,0
39-44		**0-E** / 4-I	1/2	25	1,5	34	18	2,95	0,15	3,0
44-49		**1-E** / 5-I	1/2	25	1,5	34	18	2,95	0,15	3,0
49-54		**2-E** / 6-I	1/2	25	1,5	34	18	2,95	0,15	3,0
54-59		**3-E** / 7-I	1/2	25	1,5	34	18	2,95	0,15	3,0
59-64		**4-E** / 8-I	1/2	25	1,5	34	18	2,95	0,15	3,0
64-69		5-E	2	25	1,5	34	18	2,95	0,15	3,0
69-74		6-E	2	25	1,5	34	18	2,95	0,15	3,0
74-79		7-E	2	25	1,5	34	18	2,95	0,15	3,0
79-84		8-E	2	25	1,5	34	18	2,95	0,15	3,0
19-24	AFG0629 20 1582	0-I	1	25	2	34	18	2,95	0,15	4,0
24-29		1-I	1	25	2	34	18	2,95	0,15	4,0
29-34		2-I	1	25	2	34	18	2,95	0,15	4,0
34-39		3-I	1	25	2	34	18	2,95	0,15	4,0
39-44		**0-E** / 4-I	1/2	25	2	34	18	2,95	0,15	4,0
44-49		**1-E** / 5-I	1/2	25	2	34	18	2,95	0,15	4,0
49-54		**2-E** / 6-I	1/2	25	2	34	18	2,95	0,15	4,0
54-59		**3-E** / 7-I	1/2	25	2	34	18	2,95	0,15	4,0
59-64		**4-E** / 8-I	1/2	25	2	34	18	2,95	0,15	4,0
64-69		5-E	2	25	2	34	18	2,95	0,15	4,0
69-74		6-E	2	25	2	34	18	2,95	0,15	4,0
74-79		7-E	2	25	2	34	18	2,95	0,15	4,0
79-84		8-E	2	25	2	34	18	2,95	0,15	4,0

* +0,2 mm *(0,008")* capacité complémentaire réalisable. ** Valeurs recommandées en **gras**.
Pour une description détaillée des outils de rainurage, voir page(s) 580

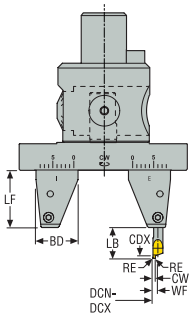
Métrique Tableau de sélection : Outil de rainurage - contre paroi - avec système MPA, pour têtes FB 760

Cas d'assemblage 1

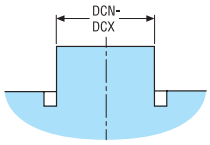




Cas d'assemblage 2



Sélectionner l'outil de rainurage approprié et noter la position du porte-outil de rainurage sur l'adaptateur MPA pour obtenir la capacité de rainure requise.



Remarque : Un outil de rainurage contre paroi assemblé requiert :

- Une tête Axiabore™ Plus (A760 03)
- Un adaptateur MPA (BDA16BS25100)
- Un porte-outil de rainurage I (position interne) et E (position externe) (BAS25FGI35 and BAS25FGE35) pour maintenir l'outil de rainurage ou pour servir de contrepoids (voir la position de réglage dans le tableau)
- Un outil de rainurage contre paroi (AFG...82) à sélectionner sur le tableau, fonction de la largeur de rainure et du diamètre.

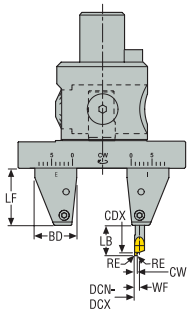
Capacité DCN-DCX ∅ mm*	Outil de rainurage contre paroi Désignation	Position du porte-outil de rainurage**	Con-ception	Dimensions en mm BD	CW	LF	LB	WF	RE	Prof. de gorge maxi CDX
19-24	AFG0629 25 1582	0-I	1	25	2,5	34	18	2,95	0,15	5,0
24-29		1-I	1	25	2,5	34	18	2,95	0,15	5,0
29-34		2-I	1	25	2,5	34	18	2,95	0,15	5,0
34-39		3-I	1	25	2,5	34	18	2,95	0,15	5,0
39-44		**0-E** / 4-I	1/2	25	2,5	34	18	2,95	0,15	5,0
44-49		**1-E** / 5-I	1/2	25	2,5	34	18	2,95	0,15	5,0
49-54		**2-E** / 6-I	1/2	25	2,5	34	18	2,95	0,15	5,0
54-59		**3-E** / 7-I	1/2	25	2,5	34	18	2,95	0,15	5,0
59-64		**4-E** / 8-I	1/2	25	2,5	34	18	2,95	0,15	5,0
64-69		5-E	2	25	2,5	34	18	2,95	0,15	5,0
69-74		6-E	2	25	2,5	34	18	2,95	0,15	5,0
74-79		7-E	2	25	2,5	34	18	2,95	0,15	5,0
79-84		8-E	2	25	2,5	34	18	2,95	0,15	5,0
19-24	AFG0629 30 1582	0-I	1	25	3	34	18	2,95	0,15	6,0
24-29		1-I	1	25	3	34	18	2,95	0,15	6,0
29-34		2-I	1	25	3	34	18	2,95	0,15	6,0
34-39		3-I	1	25	3	34	18	2,95	0,15	6,0
39-44		**0-E** / 4-I	1/2	25	3	34	18	2,95	0,15	6,0
44-49		**1-E** / 5-I	1/2	25	3	34	18	2,95	0,15	6,0
49-54		**2-E** / 6-I	1/2	25	3	34	18	2,95	0,15	6,0
54-59		**3-E** / 7-I	1/2	25	3	34	18	2,95	0,15	6,0
59-64		**4-E** / 8-I	1/2	25	3	34	18	2,95	0,15	6,0
64-69		5-E	2	25	3	34	18	2,95	0,15	6,0
69-74		6-E	2	25	3	34	18	2,95	0,15	6,0
74-79		7-E	2	25	3	34	18	2,95	0,15	6,0
79-84		8-E	2	25	3	34	18	2,95	0,15	6,0

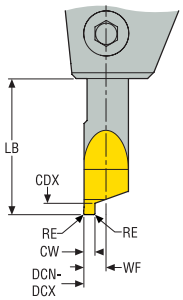
* +0,2 mm *(0,008")* capacité complémentaire réalisable. ** Valeurs recommandées en **gras**.

Pour une description détaillée des outils de rainurage, voir page(s) 580

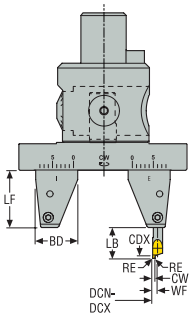
Pouces Tableau de sélection :
Outil de rainurage – contre paroi – avec système MPA, pour têtes FB 760

Cas d'assemblage 1

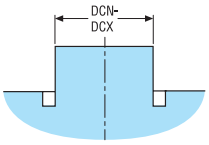




Cas d'assemblage 2



Sélectionner l'outil de rainurage approprié et noter la position du porte-outil de rainurage sur l'adaptateur MPA pour obtenir la capacité de rainure requise.



Remarque : Un outil de rainurage contre paroi assemblé requiert :

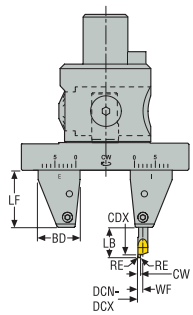
- Une tête Axiabore™ Plus (A760 03)
- Un adaptateur MPA (BDA16BS25100)
- Un porte-outil de rainurage I (position interne) et E (position externe) (BAS25FGI35 and BAS25FGE35) pour maintenir l'outil de rainurage ou pour servir de contrepoids (voir la position de réglage dans le tableau)
- Un outil de rainurage contre paroi (AFG...82) à sélectionner sur le tableau, fonction de la largeur de rainure et du diamètre.

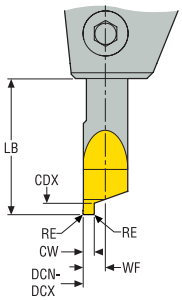
Capacité DCN-DCX ∅ inch*	Outil de rainurage contre paroi Désignation	Position du porte-outil de rainurage**	Con-ception	Dimensions en pouces BD	CW	LF	LB	WF	RE	Prof. de gorge maxi CDX
0.748-0.945	AFG0629 10 1582	0-I	1	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
0.945-1.142		1-I	1	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.142-1.339		2-I	1	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.339-1.535		3-I	1	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.520-2.717		5-E	2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.717-2.913		6-E	2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.913-3.110		7-E	2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
3.110-3.307		8-E	2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
0.748-0.945	AFG0629 15 1582	0-I	1	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
0.945-1.142		1-I	1	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.142-1.339		2-I	1	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.339-1.535		3-I	1	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.520-2.717		5-E	2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.717-2.913		6-E	2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.913-3.110		7-E	2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
3.110-3.307		8-E	2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
0.748-0.945	AFG0629 20 1582	0-I	1	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
0.945-1.142		1-I	1	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.142-1.339		2-I	1	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.339-1.535		3-I	1	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.520-2.717		5-E	2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.717-2.913		6-E	2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.913-3.110		7-E	2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
3.110-3.307		8-E	2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157

* +0,2 mm *(0,008")* capacité complémentaire réalisable. ** Valeurs recommandées en **gras**.
Pour une description détaillée des outils de rainurage, voir page(s) 580

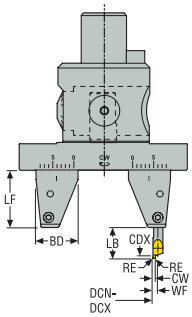
Pouces Tableau de sélection : Outil de rainurage - contre paroi - avec système MPA, pour têtes FB 760

Cas d'assemblage 1

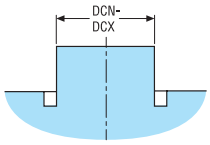




Cas d'assemblage 2



Sélectionner l'outil de rainurage approprié et noter la position du porte-outil de rainurage sur l'adaptateur MPA pour obtenir la capacité de rainure requise.



Remarque : Un outil de rainurage contre paroi assemblé requiert :

- Une tête Axiabore™ Plus (A760 03)
- Un adaptateur MPA (BDA16BS25100)
- Un porte-outil de rainurage I (position interne) et E (position externe) (BAS25FGI35 and BAS25FGE35) pour maintenir l'outil de rainurage ou pour servir de contrepoids (voir la position de réglage dans le tableau)
- Un outil de rainurage contre paroi (AFG...82) à sélectionner sur le tableau, fonction de la largeur de rainure et du diamètre.

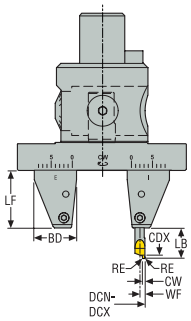
Capacité DCN-DCX ∅ inch*	Outil de rainurage contre paroi Désignation	Position du porte-outil de rainurage**	Con-ception	Dimensions en pouces						Prof. de gorge maxi CDX
				BD	CW	LF	LB	WF	RE	
0.748-0.945	AFG0629 25 1582	0-I	1	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
0.945-1.142		1-I	1	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.142-1.339		2-I	1	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.339-1.535		3-I	1	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.520-2.717		5-E	2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.717-2.913		6-E	2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.913-3.110		7-E	2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
3.110-3.307		8-E	2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
0.748-0.945	AFG0629 30 1582	0-I	1	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
0.945-1.142		1-I	1	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.142-1.339		2-I	1	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.339-1.535		3-I	1	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.520-2.717		5-E	2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.717-2.913		6-E	2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.913-3.110		7-E	2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
3.110-3.307		8-E	2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236

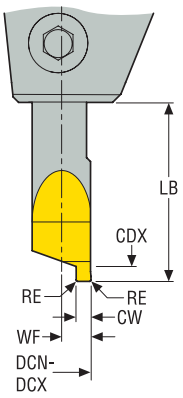
* +0,2 mm *(0,008")* capacité complémentaire réalisable. ** Valeurs recommandées en **gras**.

Pour une description détaillée des outils de rainurage, voir page(s) 580

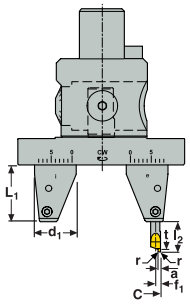
Métrique Tableau de sélection :
Outil de rainurage - contre alésage - avec système MPA, pour têtes FB 760

Cas d'assemblage 3

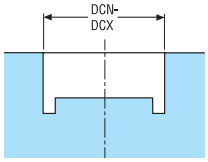




Cas d'assemblage 4



Sélectionner l'outil de rainurage approprié et noter la position du porte-outil de rainurage sur l'adaptateur MPA pour obtenir la capacité de rainure requise.



Remarque : Un outil de rainurage contre alésage assemblé requiert :

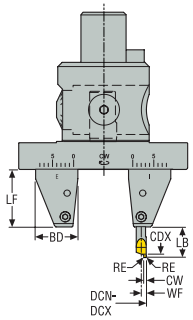
- Une tête Axiabore™ Plus (A760 03)
- Un adaptateur MPA (BDA16BS25100)
- Un porte-outil de rainurage I (position interne) et E (position externe) (BAS25FGI35 and BAS25FGE35) pour maintenir l'outil de rainurage ou pour servir de contrepoids (voir la position de réglage dans le tableau)
- Un outil de rainurage contre paroi (AFG...81) à sélectionner sur le tableau, fonction de la largeur de rainure et du diamètre.

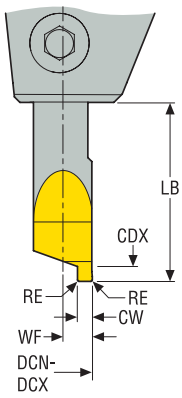
Capacité DCN-DCX ∅ mm*	Outil de rainurage contre alésage Désignation	Position du porte-outil de rainurage**	Con-ception	Dimensions en mm BD	CW	LF	LB	WF	RE	Prof. de gorge maxi CDX
31-36	AFG0629 10 1581	0-I	3	25	1	34	18	2,95	0,15	2,0
36-41		1-I	3	25	1	34	18	2,95	0,15	2,0
41-46		2-I	3	25	1	34	18	2,95	0,15	2,0
46-51		3-I	3	25	1	34	18	2,95	0,15	2,0
51-56		**0-E** / 4-I	3/4	25	1	34	18	2,95	0,15	2,0
56-61		**1-E** / 5-I	3/4	25	1	34	18	2,95	0,15	2,0
61-66		**2-E** / 6-I	3/4	25	1	34	18	2,95	0,15	2,0
66-71		**3-E** / 7-I	3/4	25	1	34	18	2,95	0,15	2,0
71-76		**4-E** / 8-I	3/4	25	1	34	18	2,95	0,15	2,0
76-81		5-E	4	25	1	34	18	2,95	0,15	2,0
81-86		6-E	4	25	1	34	18	2,95	0,15	2,0
86-91		7-E	4	25	1	34	18	2,95	0,15	2,0
91-96		8-E	4	25	1	34	18	2,95	0,15	2,0
31-36	AFG0629 15 1581	0-I	3	25	1,5	34	18	2,95	0,15	3,0
39-41		1-I	3	25	1,5	34	18	2,95	0,15	3,0
41-46		2-I	3	25	1,5	34	18	2,95	0,15	3,0
46-51		3-I	3	25	1,5	34	18	2,95	0,15	3,0
51-56		**0-E** / 4-I	3/4	25	1,5	34	18	2,95	0,15	3,0
56-61		**1-E** / 5-I	3/4	25	1,5	34	18	2,95	0,15	3,0
61-66		**2-E** / 6-I	3/4	25	1,5	34	18	2,95	0,15	3,0
66-71		**3-E** / 7-I	3/4	25	1,5	34	18	2,95	0,15	3,0
71-76		**4-E** / 8-I	3/4	25	1,5	34	18	2,95	0,15	3,0
76-81		5-E	4	25	1,5	34	18	2,95	0,15	3,0
81-86		6-E	4	25	1,5	34	18	2,95	0,15	3,0
86-91		7-E	4	25	1,5	34	18	2,95	0,15	3,0
91-96		8-E	4	25	1,5	34	18	2,95	0,15	3,0
31-36	AFG0629 20 1581	0-I	3	25	2	34	18	2,95	0,15	4,0
39-41		1-I	3	25	2	34	18	2,95	0,15	4,0
41-46		2-I	3	25	2	34	18	2,95	0,15	4,0
46-51		3-I	3	25	2	34	18	2,95	0,15	4,0
51-56		**0-E** / 4-I	3/4	25	2	34	18	2,95	0,15	4,0
56-61		**1-E** / 5-I	3/4	25	2	34	18	2,95	0,15	4,0
61-66		**2-E** / 6-I	3/4	25	2	34	18	2,95	0,15	4,0
66-71		**3-E** / 7-I	3/4	25	2	34	18	2,95	0,15	4,0
71-76		**4-E** / 8-I	3/4	25	2	34	18	2,95	0,15	4,0
76-81		5-E	4	25	2	34	18	2,95	0,15	4,0
81-86		6-E	4	25	2	34	18	2,95	0,15	4,0
86-91		7-E	4	25	2	34	18	2,95	0,15	4,0
91-96		8-E	4	25	2	34	18	2,95	0,15	4,0

* +0,2 mm *(0,008")* capacité complémentaire réalisable. ** Valeurs recommandées en **gras**.
Pour une description détaillée des outils de rainurage, voir page(s) 580

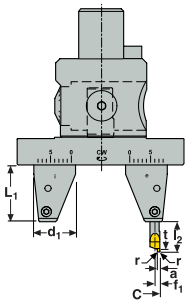
Métrique Tableau de sélection :
Outil de rainurage - contre alésage - avec système MPA, pour têtes FB 760

Cas d'assemblage 3

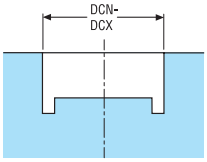




Cas d'assemblage 4



Sélectionner l'outil de rainurage approprié et noter la position du porte-outil de rainurage sur l'adaptateur MPA pour obtenir la capacité de rainure requise.



Remarque : Un outil de rainurage contre alésage assemblé requiert :

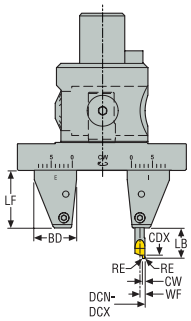
- Une tête Axiabore™ Plus (A760 03)
- Un adaptateur MPA (BDA16BS25100)
- Un porte-outil de rainurage I (position interne) et E (position externe) (BAS25FGI35 and BAS25FGE35) pour maintenir l'outil de rainurage ou pour servir de contrepoids (voir la position de réglage dans le tableau)
- Un outil de rainurage contre paroi (AFG...81) à sélectionner sur le tableau, fonction de la largeur de rainure et du diamètre.

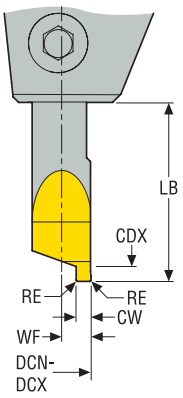
Capacité DCN-DCX ∅ mm*	Outil de rainurage contre alésage Désignation	Position du porte-outil de rainurage**	Con-ception	Dimensions en mm BD	CW	LF	LB	WF	RE	Prof. de gorge maxi CDX
31-36	AFG0629 25 1581	0-I	3	25	2,5	34	18	2,95	0,15	5,0
36-41		1-I	3	25	2,5	34	18	2,95	0,15	5,0
41-46		2-I	3	25	2,5	34	18	2,95	0,15	5,0
46-51		3-I	3	25	2,5	34	18	2,95	0,15	5,0
51-56		**0-E** / 4-I	3/4	25	2,5	34	18	2,95	0,15	5,0
56-61		**1-E** / 5-I	3/4	25	2,5	34	18	2,95	0,15	5,0
61-66		**2-E** / 6-I	3/4	25	2,5	34	18	2,95	0,15	5,0
66-71		**3-E** / 7-I	3/4	25	2,5	34	18	2,95	0,15	5,0
71-76		**4-E** / 8-I	3/4	25	2,5	34	18	2,95	0,15	5,0
76-81		5-E	4	25	2,5	34	18	2,95	0,15	5,0
81-86		6-E	4	25	2,5	34	18	2,95	0,15	5,0
86-91		7-E	4	25	2,5	34	18	2,95	0,15	5,0
91-96		8-E	4	25	2,5	34	18	2,95	0,15	5,0
31-36	AFG0629 30 1581	0-I	3	25	3	34	18	2,95	0,15	6,0
39-41		1-I	3	25	3	34	18	2,95	0,15	6,0
41-46		2-I	3	25	3	34	18	2,95	0,15	6,0
46-51		3-I	3	25	3	34	18	2,95	0,15	6,0
51-56		**0-E** / 4-I	3/4	25	3	34	18	2,95	0,15	6,0
56-61		**1-E** / 5-I	3/4	25	3	34	18	2,95	0,15	6,0
61-66		**2-E** / 6-I	3/4	25	3	34	18	2,95	0,15	6,0
66-71		**3-E** / 7-I	3/4	25	3	34	18	2,95	0,15	6,0
71-76		**4-E** / 8-I	3/4	25	3	34	18	2,95	0,15	6,0
76-81		5-E	4	25	3	34	18	2,95	0,15	6,0
81-86		6-E	4	25	3	34	18	2,95	0,15	6,0
86-91		7-E	4	25	3	34	18	2,95	0,15	6,0
91-96		8-E	4	25	3	34	18	2,95	0,15	6,0

* +0,2 mm *(0,008")* capacité complémentaire réalisable. ** Valeurs recommandées en **gras**.
Pour une description détaillée des outils de rainurage, voir page(s) 580

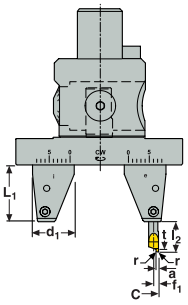
Pouces Tableau de sélection :
Outil de rainurage - contre alésage - avec système MPA, pour têtes FB 760

Cas d'assemblage 3

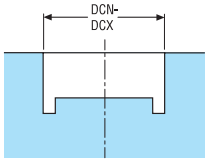




Cas d'assemblage 4



Sélectionner l'outil de rainurage approprié et noter la position du porte-outil de rainurage sur l'adaptateur MPA pour obtenir la capacité de rainure requise.



Remarque : Un outil de rainurage contre alésage assemblé requiert :

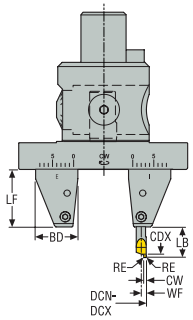
- Une tête Axiabore™ Plus (A760 03)
- Un adaptateur MPA (BDA16BS25100)
- Un porte-outil de rainurage I (position interne) et E (position externe) (BAS25FGI35 and BAS25FGE35) pour maintenir l'outil de rainurage ou pour servir de contrepoids (voir la position de réglage dans le tableau)
- Un outil de rainurage contre paroi (AFG...81) à sélectionner sur le tableau, fonction de la largeur de rainure et du diamètre.

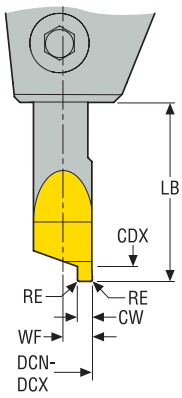
Capacité DCN-DCX ∅ inch*	Outil de rainurage contre alésage Désignation	Position du porte-outil de rainurage**	Con-ception	Dimensions en pouces BD	CW	LF	LB	WF	RE	Prof. de gorge maxi CDX
1.220-1.417	AFG0629 10 1581	0-I	3	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.417-1.614		1-I	3	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.614-1.811		2-I	3	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.811-2.008		3-I	3	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.992-3.189		5-E	4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
3.189-3.386		6-E	4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
3.386-3.583		7-E	4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
3.583-3.780		8-E	4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.220-1.417	AFG0629 15 1581	0-I	3	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.417-1.614		1-I	3	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.614-1.811		2-I	3	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.811-2.008		3-I	3	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.992-3.189		5-E	4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
3.189-3.386		6-E	4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
3.386-3.583		7-E	4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
3.583-3.780		8-E	4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.220-1.417	AFG0629 20 1581	0-I	3	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.417-1.614		1-I	3	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.614-1.811		2-I	3	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.811-2.008		3-I	3	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.992-3.189		5-E	4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
3.189-3.386		6-E	4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
3.386-3.583		7-E	4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
3.583-3.780		8-E	4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157

* +0,2 mm *(0,008")* capacité complémentaire réalisable. ** Valeurs recommandées en **gras**.
Pour une description détaillée des outils de rainurage, voir page(s) 580

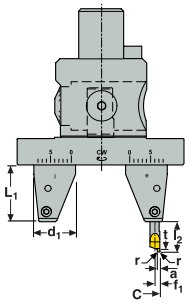
Pouces Tableau de sélection :
Outil de rainurage - contre alésage - avec système MPA, pour têtes FB 760

Cas d'assemblage 3

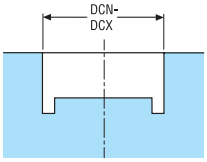




Cas d'assemblage 4



Sélectionner l'outil de rainurage approprié et noter la position du porte-outil de rainurage sur l'adaptateur MPA pour obtenir la capacité de rainure requise.



Remarque : Un outil de rainurage contre alésage assemblé requiert :

- Une tête Axiabore™ Plus (A760 03)
- Un adaptateur MPA (BDA16BS25100)
- Un porte-outil de rainurage I (position interne) et E (position externe) (BAS25FGI35 and BAS25FGE35) pour maintenir l'outil de rainurage ou pour servir de contrepoids (voir la position de réglage dans le tableau)
- Un outil de rainurage contre paroi (AFG...81) à sélectionner sur le tableau, fonction de la largeur de rainure et du diamètre.

Capacité DCN-DCX ∅ inch*	Outil de rainurage contre alésage Désignation	Position du porte-outil de rainurage**	Con-ception	Dimensions en pouces BD	CW	LF	LB	WF	RE	Prof. de gorge maxi CDX
1.220-1.417	AFG0629 25 1581	0-I	3	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.417-1.614		1-I	3	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.614-1.811		2-I	3	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.811-2.008		3-I	3	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.992-3.189		5-E	4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
3.189-3.386		6-E	4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
3.386-3.583		7-E	4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
3.583-3.780		8-E	4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.220-1.417	AFG0629 30 1581	0-I	3	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.417-1.614		1-I	3	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.614-1.811		2-I	3	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.811-2.008		3-I	3	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.992-3.189		5-E	4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
3.189-3.386		6-E	4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
3.386-3.583		7-E	4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
3.583-3.780		8-E	4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236

* +0,2 mm *(0,008")* capacité complémentaire réalisable. ** Valeurs recommandées en **gras**.

Pour une description détaillée des outils de rainurage, voir page(s) 580

Instructions

Vitesses maximales pour les têtes de type Axiabore™

Pour en savoir plus, consultez les notices d'instructions fournies avec les produits livrés.

Tête	Capacité ∅ mm *(pouces)*	Tr/min Max. avec l'outil	Tr/min Max. avec l'adaptateur MPA	$V_c$max. à Cap. mini. m/min *(sf/min)*	V_c max. à Cap. max. m/min *(sf/min)*
		Type Axiabore™ avec connexion Graflex®			
A76001	0,3-8 *(0.0118-0.315)*	30000	–	28* *(92*)*	754* *(2474*)*
A76002	2-20 *(0.0787-0.787)*	12000	–	75* *(246*)*	754* *(2474*)*
A76003	6-108 *(0.236-4.25)*	8000**	5000	151* *(495*)*	1000*** *(3281***)*
A76013	6-33 *(0.236-1.30)*	20000**	5000	377* *(1237*)*	1500*** *(4921***)*
		Type Axiabore™ avec connexion Seco-Capto™			
C5-391.0760-03	6-108 *(0.236-4.25)*	8000*	5000	151* *(495*)*	1000** *(3281**)*

Remarque : Les vitesses maximales indiquées dans ce tableau dépendent du mécanisme de la tête et de la qualité d'équilibrage. Le choix de la vitesse adéquate doit, bien entendu, tenir compte des conditions de coupe, comme par ex. la matière, l'arête de coupe (outils et plaquettes), le porte-à-faux, la broche de la machine. Pour des vitesses égales ou supérieures à 8 000 tr/min., il est recommandé d'utiliser des attachements et des intermédiaires équilibrés fin. L'utilisation d'ensembles équilibrés, de têtes Libraflex, d'attachements et de modules, contribuent à augmenter la durée de vie et les performances en alésage, même à des vitesses conventionnelles.

* Appliqué avec la vitesse de rotation maxi.

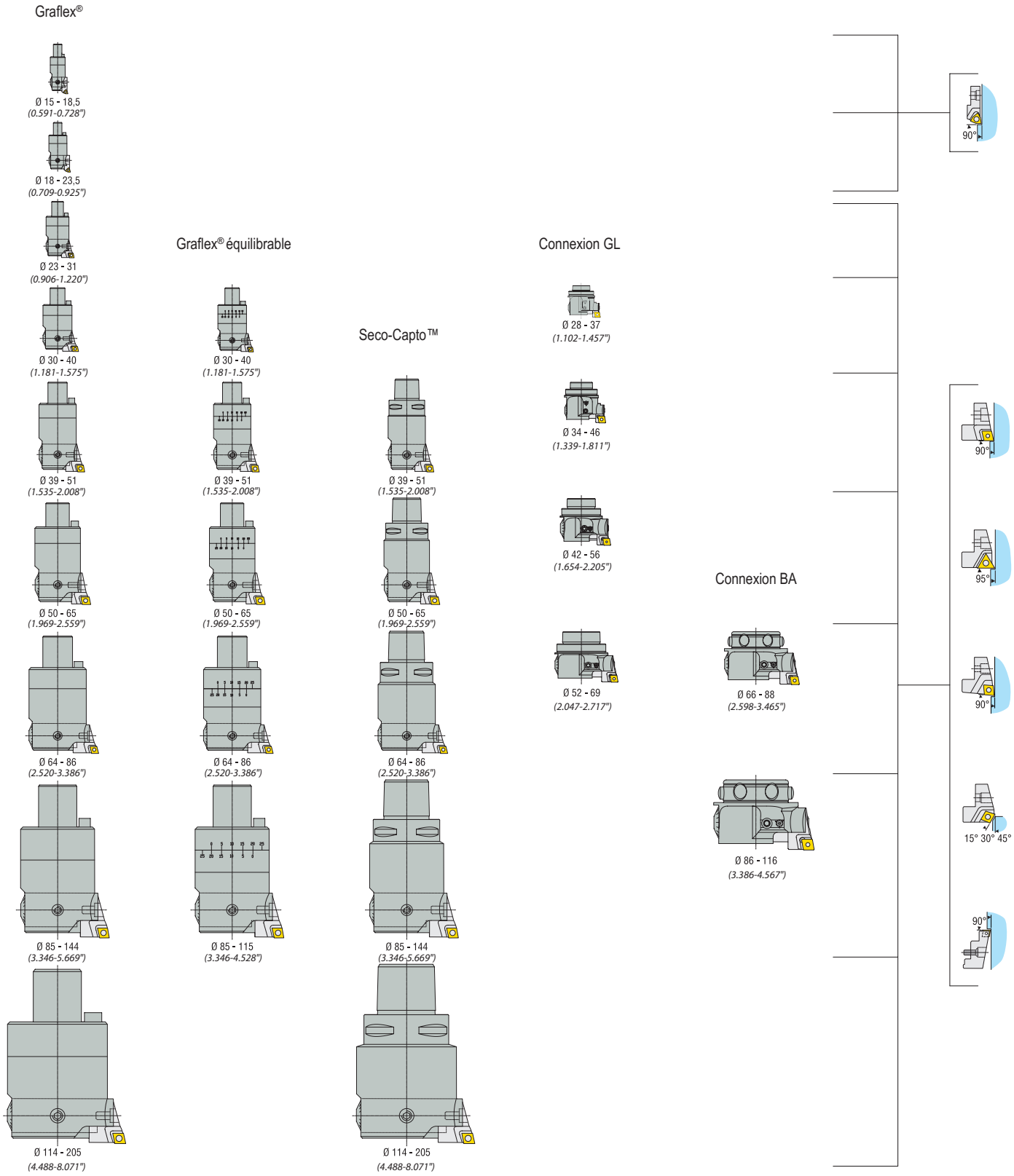
** Pas réalisable avec tous les outils, voir ***.

*** Vitesse de coupe maximale à ne pas dépasser

Conseils relatifs aux incidents et remèdes (également valables pour les têtes à aléser de finition de type radial)

Problème	Cause possible	Solution
Faible durée de vie de l'outil	Nuance de plaquette inadaptée	Sélectionner une nuance offrant une meilleure résistance à l'usure.
	Vitesse de coupe excessive	Réduire la vitesse de coupe.
	Profondeur de passe (DOC) excessive	Réduire la profondeur de passe (DOC)
Bruits & vibrations	Vitesse de coupe excessive	Réduire la vitesse de coupe.
	Rapport L/D élevé	Raccourcir l'outil pour augmenter la rigidité
		Utiliser un outil à aléser plus solide
		Utiliser une barre Steadyline
		Utiliser des rallonges en carbure ou en métaux lourds
	Mauvais choix de plaquette	Réduire le rayon de pointe de la plaquette
		Utiliser des plaquettes de géométrie rectifiée plus affûtées
	Surépaisseur d'usinage incorrecte	Modifier le diamètre d'avant-trou
Tolérance et répétabilité médiocres du diamètre de trou	Modifications imprécises des outils	Attachement d'outil usé et endommagé : à remplacer
		Nettoyer la broche et l'attachement de l'outil.
	Variation de surépaisseur d'usinage	Ajouter une étape d'alésage semi finition
	Faible stabilité de la broche	Utiliser des plaquettes de géométrie rectifiée plus aiguisées
Mauvaise rotondité	Balourd excessif de l'outil à aléser	Vérifier le faux-rond de la broche.
		Passer à la tête à aléser LIBRAFLEX®
		Vérifier le réglage de la bague d'équilibrage
		Réduire la vitesse de coupe
	Efforts de coupe excessifs	Vérifier la surépaisseur d'usinage et l'avance.
	Blocage insuffisant de la pièce	Vérifier l'uniformité du serrage de la pièce.
	Pièce non symétrique	Réduire les efforts de coupe, passer à une plaquette rectifiée.
		Augmenter la vitesse de coupe, diminuer l'avance
Mauvaise tolérance positionnelle	Défaut d'alignement de l'alésage d'origine	Ajouter une étape d'alésage semi-finition
	Profondeur de passe (DOC) excessive	Diminuer la profondeur de passe (DOC), effectuer deux passes.
État de surface non satisfaisant	Rayon de plaquette incorrect.	Utiliser un rayon de plaquette plus grand.
	Avance excessive	Baisser l'avance pour ne pas dépasser 30% du rayon de pointe de la plaquette.
	Mauvaise évacuation des copeaux.	Appliquer un arrosage par le centre
		Utiliser un angle d'attaque supérieur (HSS : nous consulter)
		Vérifier la profondeur de passe (DOC).
Alésage conique	Usure prématurée de l'outil	Sélectionner une nuance offrant une meilleure résistance à l'usure.
		Modifier la vitesse de coupe.
		Augmenter le débit d'arrosage.

Vue d'ensemble



Têtes à aléser de finition - Guide

Caractéristiques

Une tête à aléser finition de type radial est constituée d'un corps (tête) et d'un porte-plaquette. Tête à aléser de finition FB 620, FB 780 et FB 790 de type radial :

Gamme de produits

Seco propose une grande variété de têtes à aléser pour satisfaire vos attentes avec la solution la plus adaptée :

Têtes à aléser de finition FB 620, FB 780 et FB 790 de type radial



- Réglage micrométrique : mécanisme de réglage des porte-plaquettes avec une vis de réglage micrométrique (1 incrément = 0,01 mm *(0.0004")* au diamètre) et une échelle vernier (résolution de 2,5 µm *(98.4 µin)* au diamètre)
- La précision du mécanisme garantit une exactitude répétable
- Orientation angulaire de l'arête de coupe conforme à DIN 69871 / ISO 7388 pour SA et à ISO 12164 pour HSK
- Arrosage par la tête dirigé vers l'arête de coupe
- Les têtes à aléser FB 780 et FB 620 sont pré-équilibrées sur un réglage de diamètre médian. FB 790 est équilibrable pour des performances optimisées.

Remarque : Les caractéristiques, les instructions (réglage des porte-plaquettes, du diamètre, retour instructions d'alésage, incidents et remèdes, conditions d'usinage recommandées, vitesses maximum), les porte-plaquettes et les plaquettes appropriés sont similaires pour les types de tête à aléser d'ébauche FB 620, FB 780 et FB 790 de capacité d'alésage similaire, indépendamment du type de connexion.

Les têtes à aléser de finition FB 620, de type radial pour barres antivibratoires Steadyline®



GL



BA

- 4 têtes à aléser de précision avec une connexion GL côté machine pour alésage de finition du Ø 27 à 69 mm *(Ø 1.102 à 2.717")*
- 2 têtes à aléser de précision avec une connexion BA côté machine pour alésage de finition du Ø 66 à 116 mm *(Ø 2.598 à 4.567")*

Une conception compacte pour des performances d'amortissement optimales en cas d'utilisation avec des barres de tournage et d'alésage GL Steadyline®.

Tête à aléser de finition FB 780, de type radial

9 têtes à aléser de précision avec connexion Graflex® côté machine pour alésage de finition du ∅ 15 à 205 mm *(Ø 0.591 à 8.071")* utilisant des porte-plaquettes insérés radialement.

5 têtes à aléser de précision avec connexion Seco-Capto™ côté machine pour l'alésage de finition du Ø 39 à 205 mm *(Ø 1.535 à 8.071")*.

Adaptateurs Seco-Capto™ et têtes Graflex® : ∅ 15 à 40 mm *(Ø 0.591 à 1.575")*.

Remarque : La taille minimum d'alésage de la plus petite tête à aléser de finition Seco-Capto™ est de ∅ 39 mm *(Ø 1.535")* avec la plus petite connexion Seco-Capto™ C3 disponible. Pour des Ø 15 à 40 mm *(Ø 0.591 à 1.575")* utiliser des têtes à aléser Graflex® avec tailles de connexion G0 à G2 en adéquation avec l'adaptateur Seco-Capto™/Graflex® approprié. Cela permet également des modularités de longueurs d'alésage lorsque vous utilisez des extensions Graflex®.

Remarque : caractéristiques, instructions (ajustement porte-plaquettes, réglage diamètre, alésage en tirant, incidents et remèdes, conditions d'usinage recommandées, vitesses maximales), les porte-plaquettes et les plaquettes appropriés sont similaires pour les deux types de tête à aléser d'ébauche FB 780 de capacité d'alésage similaire, indépendamment du type de connexion.

Têtes à aléser de finition FB 790 équilibrables, de type radial

5 têtes à aléser équilibrables « Libraflex® » avec connexion Graflex® côté machine pour alésage de finition du ∅ 30 à 115 mm *(Ø 1.181 à 4.528")*, à vitesse élevée, jusqu'à 1 500 m/min *(4 921 ft/min)*, avec des porte-plaquettes insérés radialement.

L'équilibrage réduit les contraintes dans la broche, les paramètres de coupe peuvent être optimisés, une qualité d'usinage supérieure est obtenue même à des vitesses conventionnelles.

Équilibrage par réglage des bagues en fonction du diamètre à aléser.



Caractéristiques

Porte-plaquettes

Une tête à aléser de finition de type radial est constituée d'un corps (tête) et d'un porte-plaquette.

La vaste gamme de porte-plaquettes à chanfreiner et à aléser en tirant est adaptée aux têtes à aléser finition FB 620, FB 780 et FB 790 de type radiale.

Porte-plaquettes à aléser de finition

FBIH 782 : angle d'attaque à 90° pour plaquettes WB
FBIH 724 : angle d'attaque à 90° pour plaquettes TC
FBIH 725 : angle d'attaque à 90° pour plaquettes CC
FBIH 726 : angle d'attaque à 95° pour plaquettes CC

Remarque : Les porte-plaquettes avec angle d'attaque de 95° sont préconisés pour éviter le contact des faces au moment de l'alésage d'un épaulement.

Portes-plaquettes à chanfreiner, ∅ 23 à 160 mm *(Ø 0.906–6.299")*

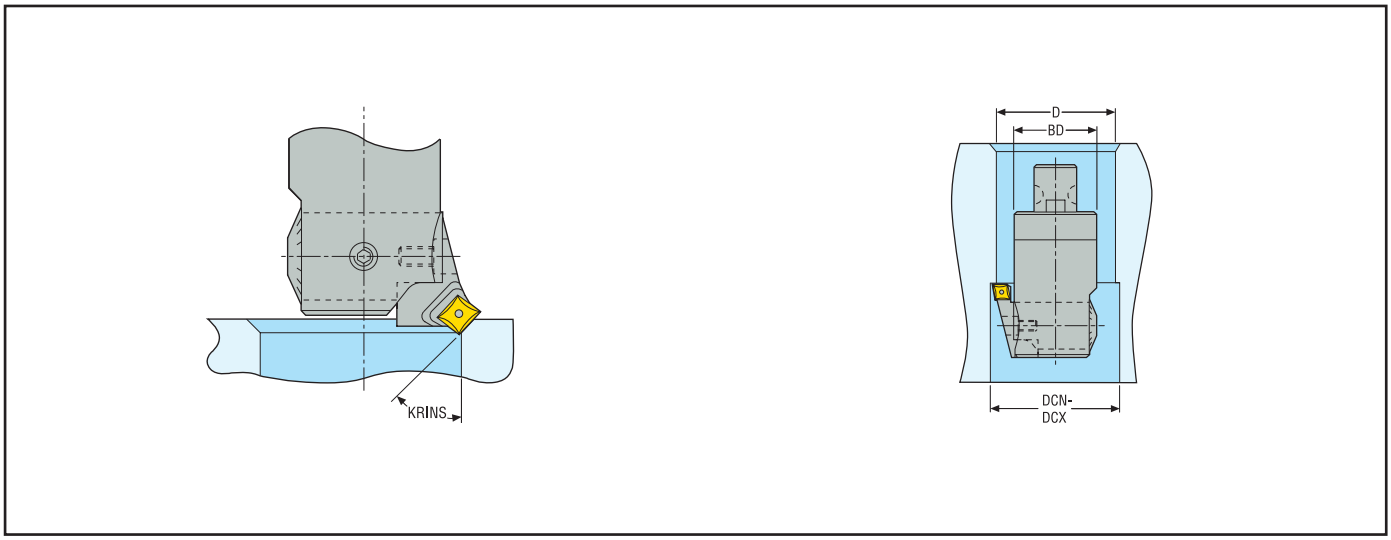
FBIH 729 : disponible avec des angles d'attaque à 15°, 30° ou 45° pour les plaquettes CC.

L'équilibrage Libraflex® est aussi possible lorsqu'on utilise des porte-plaquettes à chanfreiner.

Porte-plaquettes à aléser en tirant, ∅ 26,5 à 164 mm *(Ø 1.043 à 6.457")*

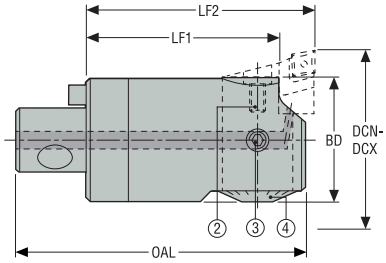
FBIH A789 : angle d'attaque à 90° pour les plaquettes WB et CC.

L'équilibrage Libraflex® de précision n'est pas possible lorsqu'on utilise des porte-plaquettes à aléser en tirant. Dans ce cas, la plus forte réduction de balourd est obtenue lorsque les bagues d'équilibrage sont réglées sur leur graduation la plus grande.



FB780
Graflex®





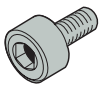
—Avec réglage micrométrique (incrément de 0,01 mm et vernier de 2,5 µm, sur le diamètre)

2. Vis d'assemblage
3. Vis de serrage
4. Vis de réglage micrométrique

Références	Numéro de produit	Côté machine Taille Graflex	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Taille de Porte-plaquettes
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
A78008	00056632	G0	15,0 *0.591*	18,5 *0.728*	44,0 *1.732*	27,5 *1.083*	35,0 *1.378*	14,0 *0.551*	0,1 *0.2*	09
A78009	00056633	G0	18,0 *0.709*	23,5 *0.925*	44,0 *1.732*	27,5 *1.083*	35,0 *1.378*	17,0 *0.669*	0,1 *0.2*	09
A78010	00072991	G1	23,0 *0.906*	31,0 *1.220*	51,5 *2.028*	32,5 *1.280*	40,0 *1.575*	21,5 *0.846*	0,2 *0.4*	10
A78020	00072992	G2	30,0 *1.181*	40,0 *1.575*	59,5 *2.343*	37,5 *1.476*	45,0 *1.772*	27,0 *1.063*	0,22 *0.5*	20
A78030	00072993	G3	39,0 *1.535*	51,0 *2.008*	82,0 *3.228*	54,5 *2.146*	65,0 *2.559*	35,0 *1.378*	0,6 *1.3*	30
A78040	00072995	G4	50,0 *1.969*	65,0 *2.559*	93,0 *3.661*	61,5 *2.421*	72,0 *2.835*	43,0 *1.693*	0,9 *2.0*	40
A78050	00072996	G5	64,0 *2.520*	86,0 *3.386*	109,0 *4.291*	71,5 *2.815*	82,0 *3.228*	54,0 *2.126*	1,6 *3.5*	50
A78060	00056551	G6	85,0 *3.346*	144,0 *5.669*	140,0 *5.512*	88,5 *3.484*	105,0 *4.134*	70,0 *2.756*	3,2 *7.1*	*60/65*
A78070	00056552	G7	114,0 *4.488*	205,0 *8.071*	160,0 *6.299*	98,5 *3.878*	115,0 *4.528*	95,0 *3.740*	6,4 *14.1*	*70/75*

Les porte-plaquettes doivent être commandés séparément, voir page(s) 604, 605-607
Remarque : poids sans porte-plaquette

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage	Clé (Poignée-T)	Clé	Vis de serrage	Tenon
					
A78008	960D30050S	DOUBLE-T	H4B-H2.0	19A7100403	–
A78009	LBHF0306R	DOUBLE-T	H4B-H2.0	19A71000	90M0
A78010	19TB0305	DOUBLE-T	H4B-H2.0	19A71000	90M1
A78020	19TB0305	H4B-H2.0	–	950L0406	90M2
A78030	19TB04075	–	03M03C	950L0608	90M3
A78040	19TB04075	–	03M03C	950L0612	90M4
A78050	950D0410	–	03M03C	950L0616	90M5
A78060	950D0612	DOUBLE-T	H6B-H5.0L	950L1016	90M6
A78070	950D0616	DOUBLE-T	H6B-H5.0L	950L1030	90M7

Accessoires

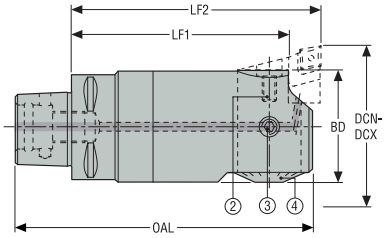
Clé dynanométrique pour le serrage des vis d'assemblage

H00-2009
H00-2009
H00-2009
H00-2009
H00-3030
H00-3030
H00-3030
H00T-50100
H00T-50100

FB780

Seco-Capto™





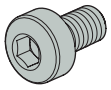
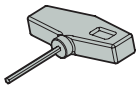
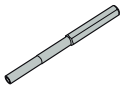
—Avec réglage micrométrique (incrément de 0,01 mm et vernier de 2,5 µm, sur le diamètre)

2. Vis d'assemblage
3. Vis de serrage
4. Vis de réglage micrométrique

Références	Numéro de produit	Côté machine	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Taille de Porte-plaquettes
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
C3-391.0780-30	02809740	C3	39,0 *1.535*	51,0 *2.008*	86,0 *3.386*	59,5 *2.343*	70,0 *2.756*	35,0 *1.378*	0,6 *1.3*	30
C4-391.0780-40	02809742	C4	50,0 *1.969*	65,0 *2.559*	103,0 *4.055*	71,5 *2.815*	82,0 *3.228*	43,0 *1.693*	1,0 *2.2*	40
C5-391.0780-50	02809744	C5	64,0 *2.520*	86,0 *3.386*	119,0 *4.685*	81,5 *3.209*	92,0 *3.622*	54,0 *2.126*	1,7 *3.8*	50
C6-391.0780-60	02809745	C6	85,0 *3.346*	144,0 *5.669*	150,0 *5.906*	100,5 *3.957*	117,0 *4.606*	70,0 *2.756*	3,3 *7.3*	60
C8-391.0780-70	02809747	C8	114,0 *4.488*	205,0 *8.071*	181,0 *7.126*	121,5 *4.783*	138,0 *5.433*	95,0 *3.740*	7,1 *15.7*	70

Les porte-plaquettes doivent être commandés séparément, voir page(s) 604, 605-607
Remarque : poids sans porte-plaquette

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage	Clé (Drapeau)	Clé (Poignée-T)	Clé	Vis de serrage
					
C3-391.0780-30	19TB04075	03M03C	–	–	950L0608
C4-391.0780-40	19TB04075	03M03C	–	–	950L0612
C5-391.0780-50	950D0410	03M03C	–	–	950L0616
C6-391.0780-60	950D0612	–	DOUBLE-T	H6B-H5.0L	950L0616
C8-391.0780-70	950D0616	–	DOUBLE-T	H6B-H5.0L	950L1030

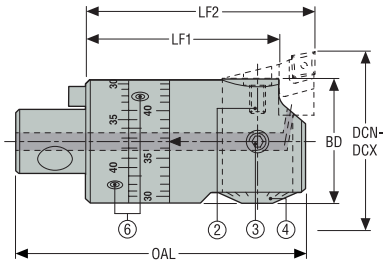
Accessoires

Pour	Clé dynanométrique pour le serrage des vis d'assemblage
	
C3-391.0780-30	H00-3030
C4-391.0780-40	H00-3030
C5-391.0780-50	H00-3030
C6-391.0780-60	H00T-50100
C8-391.0780-70	H00T-50100

FB790 Libraflex® équilibrable

Graflex®





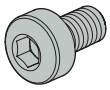
—Avec réglage micrométrique (incrément de 0,01 mm et vernier de 2,5 µm, sur le diamètre)
—Équilibrage par réglage des bagues en fonction du diamètre à aléser
—Pour vitesse de coupe v_c jusqu'à 1 495 m/min et plus, voir page(s) 608

6. Vis de serrage 2
2. Vis d'assemblage
3. Vis de serrage 1
4. Vis de réglage micrométrique

Références	Numéro de produit	Côté machine Taille Graflex	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Taille de Porte-plaquettes
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
A79020	00055932	G2	30,0 *1.181*	40,0 *1.575*	59,5 *2.343*	37,5 *1.476*	45,0 *1.772*	27,0 *1.063*	0,3 *0.7*	20
A79030	00056005	G3	39,0 *1.535*	51,0 *2.008*	82,0 *3.228*	54,5 *2.146*	65,0 *2.559*	35,0 *1.378*	0,6 *1.3*	30
A79040	00056006	G4	50,0 *1.969*	65,0 *2.559*	93,0 *3.661*	61,5 *2.421*	72,0 *2.835*	43,0 *1.693*	0,9 *2.0*	40
A79050	00056007	G5	64,0 *2.520*	86,0 *3.386*	109,0 *4.291*	71,5 *2.815*	82,0 *3.228*	54,0 *2.126*	1,5 *3.3*	50
A79060	00001451	G6	85,0 *3.346*	115,0 *4.528*	140,0 *5.512*	88,5 *3.484*	105,0 *4.134*	70,0 *2.756*	3,0 *6.6*	60

Les porte-plaquettes doivent être commandés séparément, voir page(s) 604, 605-607
Remarque : poids sans porte-plaquette

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Clé (Poignée-T)	Clé	Vis de serrage 1	Vis de serrage 2	Tenon
						
A79020	19TB0305	DOUBLE-T	H4B-H2.0	950L0406	960D30045S	90M2
A79030	19TB04075	–	03M03C	950L0608	AU7901030	90M3
A79040	19TB04075	–	03M03C	950L0612	AU7901040	90M4R
A79050	950D0410	–	03M03C	950L0616	AU7901050	90M51
A79060	950D0612	DOUBLE-T	H6B-H5.0L	950L1016	AU7901060	90M6

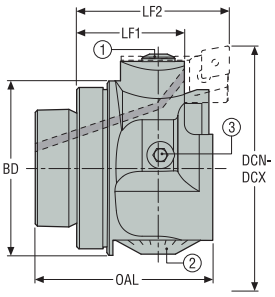
Accessoires

Pour tête	Clé dynanométrique pour les bagues d'équilibrages des vis de blocage	Clé dynanométrique pour le serrage des vis d'assemblage
		
A79020	–	H00-2009
A79030	H00-3020	H00-3030
A79040	H00-3020	H00-3030
A79050	H00-3020	H00-3030
A79060	H00T-5050	H00T-50100

Têtes à aléser de finition FB 620 GL

compact, avec connexion GL





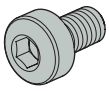
- Conçues pour les barres de tournage et d'alésage Steadyline® GL25, GL32, GL40 et GL50
- Arrosage directement sur les arêtes de coupe
- Avec réglage micrométrique (incrément de 0,01 mm et vernier de 2,5 µm, sur le diamètre)

1. Vis de montage
2. Vis de réglage micrométrique
3. Vis de serrage

Références	Numéro de produit	Côté machine Taille GL	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Tr/min max.**
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
GL25-FB620-10	03307855	GL25	27,0 *1.063*	35,0 *1.378*	29,5 *1.161*	17,7 *0.697*	28,0 *1.102*	25,0 *0.984*	0,2 *0.4*	9000
GL32-0620-20	02904469	GL32	34,0 *1.339*	46,0 *1.811*	35,2 *1.386*	23,7 *0.933*	32,0 *1.260*	32,0 *1.260*	0,2 *0.4*	7000
GL40-0620-30	02904470	GL40	42,0 *1.654*	56,0 *2.205*	40,7 *1.602*	24,7 *0.972*	35,0 *1.378*	40,0 *1.575*	0,3 *0.7*	5600
GL50-0620-40	02904471	GL50	52,0 *2.047*	69,0 *2.717*	43,7 *1.720*	25,7 *1.012*	36,0 *1.417*	50,0 *1.969*	0,4 *0.9*	4800

Les porte-plaquettes doivent être commandés séparément, voir page(s) 604, 605-607
** Pour les rotations max., voir les pages instructions.
Remarque : poids sans porte-plaquette

Pièces détachées, pièces incluses lors de la livraison

Pour tête	Vis de montage	Clé	Clé (Poignée-T)	Vis de serrage
				
GL25-FB620-10	19TB0305	H2.0-2D	–	19A71000
GL32-0620-20	19TB0305	H4B-H2.0	DOUBLE-T	950L0406
GL40-0620-30	19TB04075	03M03C	–	950L0608
GL50-0620-40	19TB04075	03M03C	–	950L0608

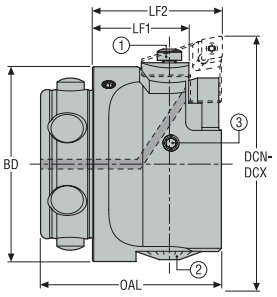
Accessoires

Pour tête	Clé dynanométrique pour le serrage des vis d'assemblage
	
GL25-FB620-10	–
GL32-0620-20	H00-2009
GL40-0620-30	H00-3030
GL50-0620-40	H00-3030

Têtes à aléser de finition FB 620 BA

avec connexion BA





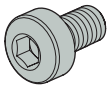
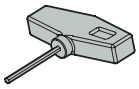
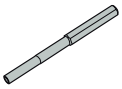
—Pour les barres de tournage et d'alésage Steadyline® BA60 et BA80
—Arrosage directement sur les arêtes de coupe
—Avec réglage micrométrique (incrément de 0,01 mm et vernier de 2,5 µm, sur le diamètre)

1. Vis de montage
2. Vis de réglage micrométrique
3. Vis de serrage

Références	Numéro de produit	Côté machine Taille BA	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF1	LF2	BD	Poids	Tr/min max.**
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
BA060-FB620-50	03204094	BA060	65,0 *2.559*	87,0 *3.425*	55,7 *2.193*	29,7 *1.169*	40,0 *1.575*	60,0 *2.362*	0,7 *1.5*	4000
BA080-FB620-60	03204095	BA080	85,0 *3.346*	115,0 *4.528*	58,2 *2.291*	26,7 *1.051*	41,2 *1.622*	80,0 *3.150*	1,2 *2.7*	3000

Les porte-plaquettes doivent être commandés séparément, voir page(s) 557
** Pour les rotations max., voir les pages instructions.
Remarque : poids sans porte-plaquette

Pièces détachées, pièces incluses lors de la livraison

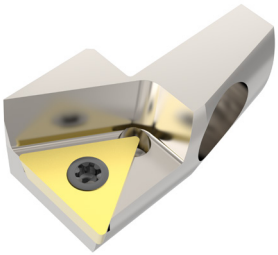
Pour tête	Vis de montage	Clé (Drapeau)	Clé (Poignée-T)	Clé	Vis de serrage
					
BA060-FB620-50	19TB04075	03M03C	–	–	950L0608
BA080-FB620-60	950D0514	–	DOUBLE-T	H6B-H5.0L	950L0608

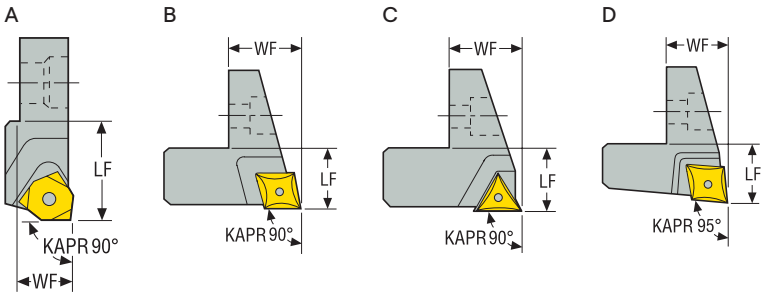
Accessoires

Pour tête	Clé dynanométrique pour le serrage des vis d'assemblage
	
BA060-FB620-50	H00-3030
BA080-FB620-60	H00T-50100

Porte-plaquettes

pour têtes à aléser de finition FB 620 / 780 / 790





—Adaptés aux têtes à aléser radiales FB 620/ 780/ 790
—**L'équilibrage de précision des têtes FB A790 n'est pas possible lors de l'utilisation des grands porte-plaquettes.

Références	Numéro de produit	Type de porte-plaquettes	Capacité DCN-DCX ∅		LF	WF	Poids	Pour tête	KRINS°	**	Taille de Porte-plaquettes	Taille de plaquette adaptée	Conception
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*						
A78209	00056634	90° pour plaquettes WB	15,0 *0.591*	23,5 *0.925*	7,2 *0.283*	4,0 *0.157*	0,1 *0.220*	FB 78008 / FB 78009	90		09	WB...0301...	A
A72510	00056580	90° pour plaquettes CC	23,0 *0.906*	31,0 *1.220*	10,3 *0.406*	4,5 *0.177*	0,1 *0.220*	FB 78010 / FB62010	90		10	CC...0602...	B
A72520	00056581	90° pour plaquettes CC	30,0 *1.181*	46,0 *1.811*	8,3 *0.327*	5,0 *0.197*	0,1 *0.220*	FB 78020 / FB 79020 / FB 62020	90		20	CC...0602...	B
A72530	00056582	90° pour plaquettes CC	39,0 *1.535*	56,0 *2.205*	10,3 *0.406*	8,0 *0.315*	0,1 *0.220*	FB 78030 / FB 79030 / FB 62030	90		30	CC...0602...	B
A72540	00056583	90° pour plaquettes CC	50,0 *1.969*	69,0 *2.717*	10,3 *0.406*	9,5 *0.374*	0,1 *0.220*	FB 78040 / FB 79040 / FB 62040	90		40	CC...0602...	B
A72550	00056584	90° pour plaquettes CC	64,0 *2.520*	86,0 *3.386*	10,3 *0.406*	12,5 *0.492*	0,1 *0.220*	FB 78050 / FB 79050 / FB 62050	90		50	CC...0602...	B
A7256A	02689978	90° pour plaquettes CC	85,0 *3.346*	115,0 *4.528*	14,5 *0.571*	18,5 *0.728*	0,1 *0.220*	BA080-FB620-60	90		6A	CC...09T3...	B
A72560	00056585	90° pour plaquettes CC	85,0 *3.346*	115,0 *4.528*	16,5 *0.650*	18,9 *0.744*	0,2 *0.440*	FB 78060 / FB 79060 / FB 731S500	90		60	CC...09T3...	B
A72565	00056587	90° pour plaquettes CC	114,0 *4.488*	144,0 *5.669*	16,5 *0.650*	33,7 *1.327*	0,2 *0.440*	FB 78060 / FB 79060 / FB 731S500	90	**	65	CC...09T3...	B
A72570	00056588	90° pour plaquettes CC	114,0 *4.488*	160,0 *6.299*	16,5 *0.650*	18,9 *0.744*	0,2 *0.440*	FB 78070	90		70	CC...09T3...	B
A72575	00056589	90° pour plaquettes CC	159,0 *6.260*	205,0 *8.071*	16,5 *0.650*	41,7 *1.642*	0,2 *0.440*	FB 78070	90		75	CC...09T3...	B
A72430	00056572	90° pour plaquettes TC	39,0 *1.535*	56,0 *2.205*	10,3 *0.406*	7,9 *0.311*	0,1 *0.220*	FB 78030 / FB 79030 / FB 62030	90		30	TC...1102...	C
A72440	00056573	90° pour plaquettes TC	50,0 *1.969*	69,0 *2.717*	10,3 *0.406*	9,4 *0.370*	0,1 *0.220*	FB 78040 / FB 79040 / FB 62040	90		40	TC...1102...	C
A72450	00056574	90° pour plaquettes TC	64,0 *2.520*	86,0 *3.386*	10,3 *0.406*	12,4 *0.488*	0,1 *0.220*	FB 78050 / FB 79050 / FB 62050	90		50	TC...1102...	C
A72460	00056575	90° pour plaquettes TC	85,0 *3.346*	115,0 *4.528*	16,3 *0.642*	18,9 *0.744*	0,1 *0.220*	FB 78060 / FB 79060 / FB 731S500	90		60	TC...1102...	C
A72465	00056577	90° pour plaquettes TC	114,0 *4.488*	144,0 *5.669*	16,5 *0.650*	33,7 *1.327*	0,2 *0.440*	FB 78060 / FB 79060 / FB 731S500	90	**	65	TC...1102...	C
A72470	00056578	90° pour plaquettes TC	114,0 *4.488*	160,0 *6.299*	16,3 *0.642*	18,9 *0.744*	0,2 *0.440*	FB 78070	90		70	TC...1102...	C
A72475	00056579	90° pour plaquettes TC	159,0 *6.260*	205,0 *8.071*	16,5 *0.650*	41,7 *1.642*	0,2 *0.440*	FB 78070	90		75	TC...1102...	C
A72610	00056590	95° pour plaquettes CC	23,0 *0.906*	31,0 *1.220*	10,3 *0.406*	4,5 *0.177*	0,1 *0.220*	FB 78010	95		10	CC...0602...	D
A72620	00056591	95° pour plaquettes CC	30,0 *1.181*	46,0 *1.811*	8,3 *0.327*	5,0 *0.197*	0,1 *0.220*	FB 78020 / FB 79020 / FB 62020	95		20	CC...0602...	D
A72630	00056592	95° pour plaquettes CC	39,0 *1.535*	56,0 *2.205*	10,3 *0.406*	8,0 *0.315*	0,1 *0.220*	FB 78030 / FB 79030 / FB 62030	95		30	CC...0602...	D
A72640	00056593	95° pour plaquettes CC	50,0 *1.969*	69,0 *2.717*	10,3 *0.406*	9,5 *0.374*	0,1 *0.220*	FB 78040 / FB 79040/ FB 62040	95		40	CC...0602...	D
A72650	00056594	95° pour plaquettes CC	64,0 *2.520*	86,0 *3.386*	10,3 *0.406*	12,5 *0.492*	0,1 *0.220*	FB 78050 / FB 79050 / FB 62050	95		50	CC...0602...	D
A72660	00056595	95° pour plaquettes CC	85,0 *3.346*	115,0 *4.528*	16,5 *0.650*	18,9 *0.744*	0,2 *0.440*	FB 78060 / FB 79060 / FB 731S500	95		60	CC...09T3...	D
A72665	00056597	95° pour plaquettes CC	114,0 *4.488*	144,0 *5.669*	16,5 *0.650*	33,7 *1.327*	0,2 *0.440*	FB 78060 / FB 79060 / FB 731S500	95	**	65	CC...09T3...	D

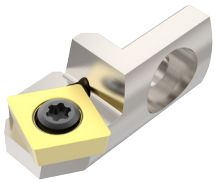
Références	Numéro de produit	Type de porte-plaquettes	Capacité DCN-DCX ∅		LF	WF	Poids	Pour tête	KRINS°	**	Taille de Porte-plaquettes	Taille de plaquette adaptée	Conception
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*						
A72670	00056598	95° pour plaquettes CC	114,0 *4.488*	160,0 *6.299*	16,5 *0.650*	18,9 *0.744*	0,2 *0.440*	FB 78070	95		70	CC...09T3...	D
A72675	00056599	95° pour plaquettes CC	159,0 *6.260*	205,0 *8.071*	16,5 *0.650*	41,7 *1.642*	0,2 *0.440*	FB 78070	95		75	CC...09T3...	D

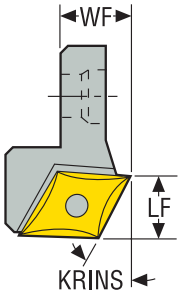
Pièces détachées, pièces incluses lors de la livraison

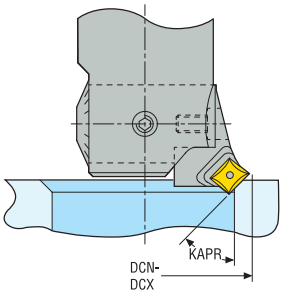
Pour taille de plaquette	Clé	Vis de plaquette	Clé (Poignée-T)
			
WB...0301...	H4B-T06P	C02035-T06P	DOUBLE-T
CC...0602...	H4B-T07P	C02504-T07P	DOUBLE-T
CC...09T3...	H4B-T15P	C04008-T15P	DOUBLE-T
TC...1102...	H4B-T07P	C02504-T07P	DOUBLE-T

Porte-plaquettes à chanfreiner

pour têtes à aléser de finition FB 620 / 780 / 790







—Adaptés aux têtes à aléser radiales FB 620/ 780/ 790

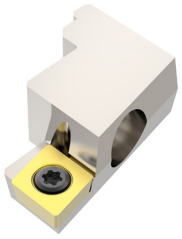
Références	Numéro de produit	Pour tête	Taille de Porte-plaquettes	Capacité DCN-DCX ∅		LF	WF	Poids	KRINS°	KAPR°	Taille de plaquette adaptée
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*			
A72910CC0630	00086885	FB 78010	10	23,0 *0.906*	31,0 *1.220*	10,8 *0.425*	4,5 *0.177*	0,1 *0.220*	30	30	CC...0602...
A72920CC0630	00086888	FB 78020 / FB 79020/ GL32-0620-20	20	30,0 *1.181*	46,0 *1.811*	10,0 *0.394*	4,9 *0.193*	0,1 *0.220*	30	30	CC...0602...
A72930CC0630	00086891	FB 78030 / FB 79030 / FB 62030	30	39,0 *1.535*	56,0 *2.205*	10,5 *0.413*	8,1 *0.319*	0,1 *0.220*	30	30	CC...0602...
A72940CC0630	00086894	FB 78040 / FB 79040 / FB 62040	40	50,0 *1.969*	69,0 *2.717*	10,5 *0.413*	9,5 *0.374*	0,1 *0.220*	30	30	CC...0602...
A72950CC0630	00086897	FB 78050 / FB 79050	50	64,0 *2.520*	86,0 *3.386*	10,5 *0.413*	12,5 *0.492*	0,1 *0.220*	30	30	CC...0602...
A72960CC0930	00086900	FB 78060 / FB 79060 / A731S500	60	85,0 *3.346*	115,0 *4.528*	16,5 *0.650*	19,1 *0.752*	0,08 *0.180*	30	30	CC...09T3...
A72970CC0930	00086903	FB 78070	70	114,0 *4.488*	160,0 *6.299*	16,4 *0.646*	18,8 *0.740*	0,09 *0.200*	30	30	CC...09T3...
A72910CC0645	00086886	FB 78010	10	23,0 *0.906*	31,0 *1.220*	11,5 *0.453*	4,5 *0.177*	0,01 *0.020*	45	45	CC...0602...
A72920CC0645	00086889	FB 78020 / FB 79020 / FB 62020	20	30,0 *1.181*	46,0 *1.811*	10,0 *0.394*	5,0 *0.197*	0,1 *0.220*	45	45	CC...0602...
A72930CC0645	00086892	FB 78030 / FB 79030 / FB 62030	30	39,0 *1.535*	56,0 *2.205*	10,5 *0.413*	8,1 *0.319*	0,1 *0.220*	45	45	CC...0602...
A72940CC0645	00086895	FB 78040 / FB 79040 / FB 62040	40	50,0 *1.969*	69,0 *2.717*	10,5 *0.413*	9,5 *0.374*	0,1 *0.220*	45	45	CC...0602...
A72950CC0645	00086898	FB 78050 / FB 79050	50	64,0 *2.520*	86,0 *3.386*	10,3 *0.406*	12,4 *0.488*	0,02 *0.040*	45	45	CC...0602...
A72960CC0945	00086901	FB 78060 / FB 79060 / A731S500	60	85,0 *3.346*	115,0 *4.528*	16,5 *0.650*	19,1 *0.752*	0,2 *0.440*	45	45	CC...09T3...
A72970CC0945	00086904	FB 78070	70	114,0 *4.488*	160,0 *6.299*	16,4 *0.646*	18,8 *0.740*	0,09 *0.200*	45	45	CC...09T3...

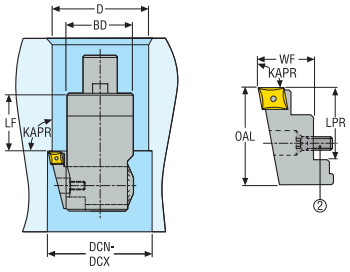
Pour les vis de plaquettes et les pièces de rechange, voir page(s) 640
**Pour les capacités DC avec semelle d'alésage et Jumbo, voir page(s) 616

Pièces détachées, pièces incluses lors de la livraison

Pour taille de plaquette	Clé	Vis de plaquette	Clé (Poignée-T)
			
CC...0602...	H4B-T07P	C02504-T07P	DOUBLE-T
CC...09T3...	H4B-T15P	C04008-T15P	DOUBLE-T

Les porte-plaquettes de finition en tirant
pour têtes à aléser de finition FB 620 / 780 / 790





—Adaptés aux têtes à aléser radiales FB 620/ 780/ 790
—L'équilibrage de précision des têtes FB 790 n'est pas possible lors de l'utilisation de porte-plaquettes en tirant
—KRINS 90°
—Taille de plaquette adaptée: CC...0602...

Références	Numéro de produit	Pour tête	Capacité d'alésage en tirant DCN-DCX Ø		LF	BD	OAL	LPR	WF	Poids
			mm	*(Pouces)*	mm *(Pouces)*	mm *(Pouces)*	mm *(Pouces)*	mm *(Pouces)*	mm *(Pouces)*	kg *(lbs)*
A789X10CC0690	00086907	A78010 A78020 & A79020 GL32-0620-20	39,5-47,5 46-56 49,7-61,7	*(1.555-1.870)* *(1.811-2.205)* *(1.957-2.429)*	16,5 *(0.650)* 21,5 *(0.846)* 7,75 *(0.305)*	21,5 *(0.846)* 27 *(1.063)* 32 *(1.260)*	30,5 *(1.201)*	16,0 *(0.630)*	12,8 *(0.504)*	0,01 *(0.020)*
A789X30CC0690	00086910	A78030 & A79030 A78040 & A79040 A78050 & A79050 GL40-0620-30 GL50-0620-40	53-65 61-76 69-91 57,6-70,2 67,6-80,2	*(2.087-2.559)* *(2.402-2.992)* *(2.717-3.583)* *(2.268-2.764)* *(2.661-3.157)*	32 *(1.260)* 39 *(1.535)* 49 *(1.929)* 1,75 *(0.069)* 2,75 *(0.108)*	35 *(1.378)* 43 *(1.693)* 54 *(2.126)* 40 *(1.575)* 50 *(1.969)*	30,0 *(1.181)*	23,0 *(0.906)*	15,0 *(0.591)*	0,03 *(0.070)*
A789X60CC0690	00086909	A78060 & A79060	89-119 *	*(3.504-4.685 *)*	50 *(1.969)*	70 *(1.969)*	50,0 *(1.969)*	38,5 *(1.516)*	21,0 *(0.827)*	0,09 *(0.200)*
A789X70CC0690	00086911	A78070	118-164	*(4.646-6.457)*	60 *(2.362)*	95 *(2.362)*	50,0 *(1.969)*	38,5 *(1.516)*	21,0 *(0.827)*	0,1 *(0.220)*

*Pour l'alésage en tirant capacité DC avec semelle d'alésage et Jumbo, voir page(s) 620
Pour les vis de plaquettes et les pièces de rechange, voir page(s) 640
Le contenu de la livraison des porte-plaquettes pour alésage de finition en tirant comprend un support de plaquette avec vis de serrage spécifique, peut être utilisé à la place de la vis de serrage standard livré avec les têtes à aléser.

DCN/DCX mini = D+BD / 2 + 0,5 mm (0.02") du diamètre 39,5 à 47,5 (1.555" à 1.870")
DCB/DCX mini = D+BD / 2 + 1 mm (0.039") du diamètre 46 à 64 (1.811" à 2.520")

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage	Vis de plaquette	Clé (Poignée-T)	Clé
				
A789X10CC0690	950F0308	C02504-T07P	DOUBLE-T	H4B-T07P
A789X30CC0690	950F0410	C02504-T07P	DOUBLE-T	H4B-T07P
A789X60CC0690	–	C02504-T07P	DOUBLE-T	H4B-T07P
A789X70CC0690	–	C02504-T07P	DOUBLE-T	H4B-T07P

Têtes à aléser de finition FB 780/790 – Instructions

Conditions d'usinage recommandées
Pour en savoir plus, consultez les notices d'instructions fournies avec les têtes à aléser et les barres GL.

Vitesses maximales pour têtes à aléser de finition, de type radial
Les vitesses maximales indiquées dans les pages produits des têtes à aléser dépendent du mécanisme de la tête et de la qualité d'équilibrage. Le choix de la vitesse adéquate doit, bien entendu, tenir compte des conditions de coupe, comme par ex. la matière, la plaquette, le porte-à-faux, la broche de la machine.
Pour toute application d'alésage avec des barres Steadyline®, assurez-vous de ne pas dépasser la rotation maximale en Tr/min des barres. Consulter les instructions fournies avec les barres Steadyline®. Réduire les vitesses de rotation, pour les têtes équipées de porte-plaquettes et de chanfrein. Lors d'opérations d'alésage en tirant, avec les têtes à aléser des familles FB 620, FB 790 ou FB 780, respecter la vitesse de rotation maximale préconisée pour la tête A780 de taille équivalente.

Tête	Capacité ∅ mm *(pouces)*	Vit. max Tr/min	Vitesse de coupe v_c max. à Cap. mini. conseillée m/min *(sf/min)*	Vitesse de coupe v_c max. à Cap. max. conseillée m/min *(sf/min)*
Têtes à aléser de finition FB 620 avec connexion GL et BA côté machine, pour barres antivibratoires de tournage et d'alésage Steadyline®				
GL25-FB620-10	27-35 *(1.063-1.378)*	9000	760 *(2493)*	1000 *(3281)*
GL32-FB620-20	34-46 *(1.339-1.811)*	7000	748 *(2454)*	1012 *(3320)*
GL32-FB620-30	42-56 *(1.654-2.205)*	5600	739 *(2425)*	985 *(3232)*
GL32-FB620-40	52-69 *(2.047-2.717)*	4800	784 *(2572)*	1040 *(3412)*
BA060-FB620-50	66-88 *(2.598-3.465)*	4000	830 *(2723)*	1105 *(3625)*
BA080-FB620-60	86-116 *(3.386-4.567)*	3000	810 *(2657)*	1093 *(3586)*
Têtes à aléser de finition FB 790 GL équilibrable, avec connexion Graflex®				
A79020	30-40 *(1.181-1.575)*	16000	1508 *(4948)*	2011 *(6598)*
A79030	39-51 *(1.535-2.008)*	12250	1501 *(4925)*	1963 *(6440)*
A79040	50-65 *(1.969-2.559)*	10000	1571 *(5154)*	2042 *(6699)*
A79050	64-86 *(2.520-3.386)*	7500	1508 *(4948)*	2026 *(6647)*
A79060	85-115 *(3.346-4.528)*	5600	1495 *(4905)*	2023 *(6637)*
Têtes à aléser de finition FB 780, avec connexion Graflex®				
A78008	15-18,5 *(0.591-0.728)*	16000	754 *(2474)*	930 *(3051)*
A78009	18-23,5 *(0.709-0.925)*	13000	735 *(2411)*	960 *(3150)*
A78010	23-31 *(0.906-1.220)*	10000	723 *(2372)*	974 *(3196)*
A78020	30-40 *(1.181-1.575)*	8000	754 *(2474)*	1005 *(3297)*
A78030	39-51 *(1.535-2.008)*	6000	735 *(2411)*	961 *(3153)*
A78040	50-65 *(1.969-2.559)*	5000	785 *(2575)*	1021 *(3350)*
A78050	64-86 *(2.520-3.386)*	3700	744 *(2441)*	1000 *(3281)*
A78060	85-115 *(3.346-4.528)*	2700	721 *(2365)*	975 *(3199)*
	114-144 *(4.488-5.669)*	2200	788 *(2585)*	995 *(3264)*
A78070	114-160 *(4.488-6.299)*	2000	716 *(2349)*	1005 *(3297)*
	159-205 *(6.260-8.071)*	1600	799 *(2621)*	1030 *(3379)*
Têtes à aléser de finition FB 780, avec connxeion Seco-Capto™				
C3-391.0780-30	39-51 *(1.535-2.008)*	6000	735 *(2411)*	961 *(3153)*
C4-391.0780-40	50-65 *(1.969-2.559)*	5000	785 *(2575)*	1021 *(3350)*
C5-391.0780-50	64-86 *(2.520-3.386)*	3700	744 *(2441)*	1000 *(3281)*
C6-391.0780-60	85-115 *(3.346-4.528)*	2700	721 *(2365)*	975 *(3199)*
	114-144 *(4.488-5.669)*	2200	788 *(2585)*	995 *(3264)*
C8-391.0780-70	114-160 *(4.488-6.299)*	2000	716 *(2349)*	1005 *(3297)*
	159-205 *(6.260-8.071)*	1600	799 *(2621)*	1030 *(3379)*

Remarque : Les vitesses maximales indiquées dans ce tableau dépendent du mécanisme de la tête et de la qualité d'équilibrage. Le choix de la vitesse adéquate doit, bien entendu, tenir compte des conditions de coupe, comme par ex. la matière, la plaquette, le porte-à-faux, la broche de la machine. Pour des vitesses égales ou supérieures à 8 000 tr/min., il est recommandé d'utiliser des attachements et des intermédiaires équilibrés fin.

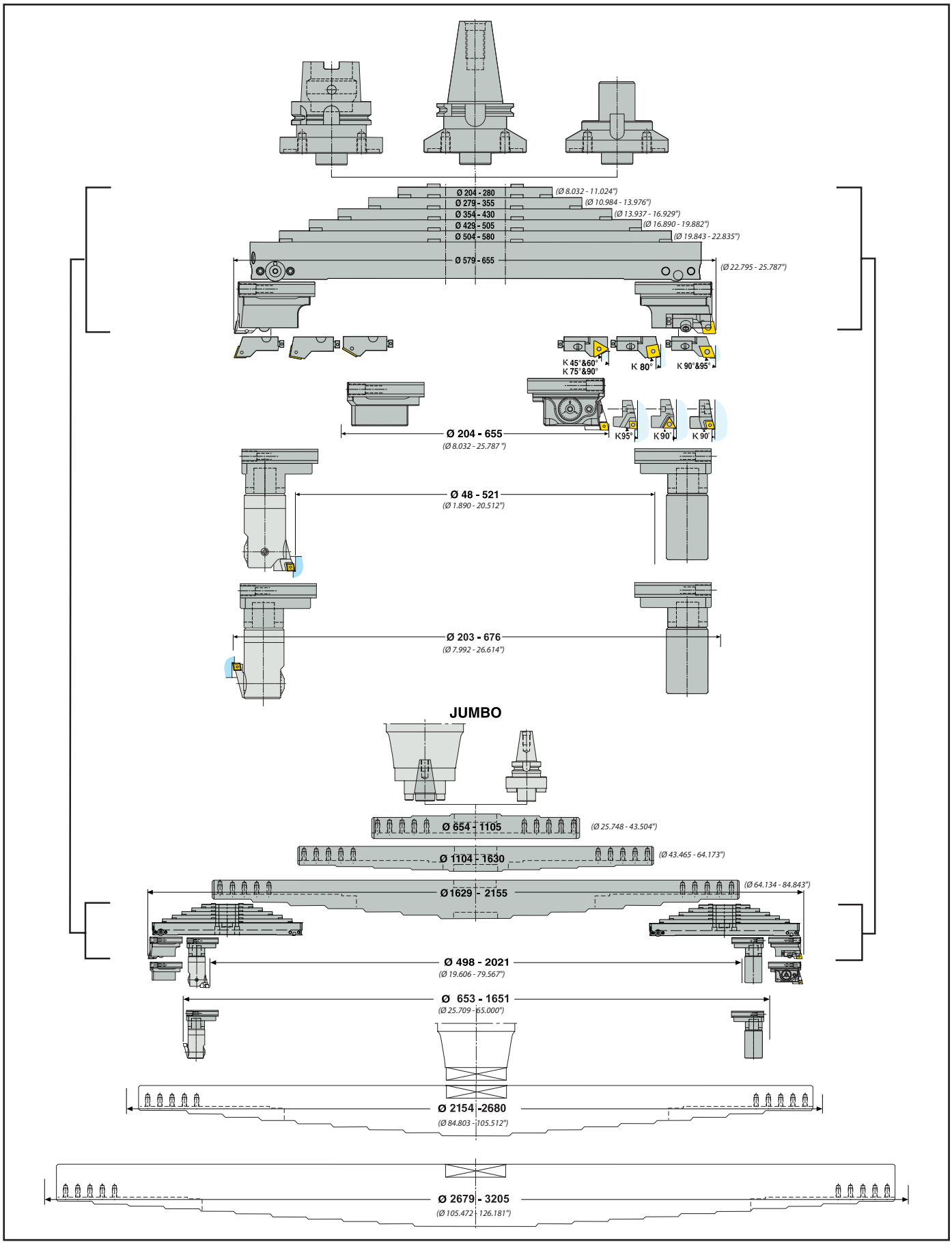


Semelles

Seco propose une gamme complète de semelles et de porte-semelles Jumbo pour les alésages de grand diamètre et le tourillonnage.

- Conçues pour une flexibilité maximale, les semelles sont disponibles parmi un large éventail de diamètres contribuant à la standardisation des produits, couvrant une plage de diamètres de 204 à 655 mm (8.03 à 25.78 pouces)
- Les semelles Jumbo de Seco sont fabriquées en aluminium haute résistance avec interfaces en acier, et couvrent des plages de diamètres entre 654 et 2 155 mm (entre 25.75 et 84.843 pouces)

Vue d'ensemble



Caractéristiques

5 semelles pour l'alésage

Ø 654 à 3 205 mm *(Ø 25.748 à 126.181")*, **tournage extérieur Ø 498 à 3 071 mm** *(Ø 19.606 à 120.906")* **et alésage en tirant Ø 653 à 3 226 mm** *(Ø 25.709 à 127.008")*.

Les porte-semelles Jumbo, réalisés en alliage d'aluminium hautement résistant et munis d'inserts en acier au niveau des connexions, développés pour fixer deux semelles standard en diverses positions.

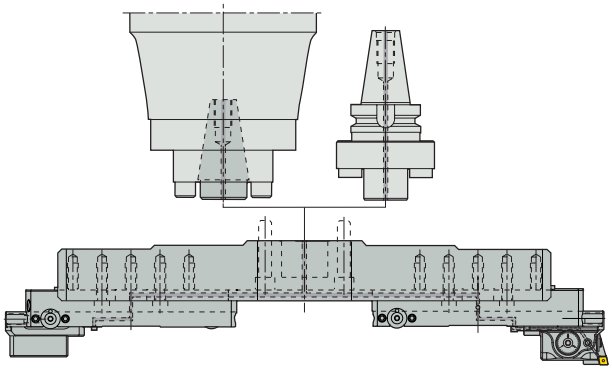
Les tailles A731S001, 002, 003 sont livrées avec 4 vis de serrage pour fixation sur porte-outil de fraisage type 569, centreur ∅ 60 mm *(Ø 2.362")* ou directement sur la broche machine (DIN 2079/50, côté pièce à usiner), avec l'utilisation d'un centreur en accessoire. Les portes-semelles Jumbo sont livrés avec 2 anneaux de levage.

Tailles A731S004-...* et A731S005-...*disponibles sur demande, avec une seule possibilité d'ajustement en fonction de la broche de la machine :

Capacité ∅ mm *(pouces)*	**Désignation**	**Dimensions en mm (*inch*), voir le schéma sur la page produit**							
		DCB	**LF**	**HTB**	**LB**	**CBDP**	**WB**	**DCON**	**Poids**
2154-2680 *(84.803-105.512")*	A731S004-...*	*	70 *(2.75591")*	300 *(11.811")*	160 *(6.29921")*	*	2140 *(84.25197")*	*	*
2679-3205 *(105.472-126.181")*	A731S005-...*	*	110 *(4.33071")*	400 *(15.748")*	200 *(7.87402")*	*	2665 *(104.9213")*	*	*

* La désignation des dimensions et des codes de références seront liés au type de montage de la broche.

Principales caractéristiques des porte-semelles Jumbo



Les porte-semelles Jumbo « S » sont dotés de canaux d'arrosage permettant d'acheminer l'arrosage à travers les support ou de la bride de montage. Ils sont équipés d'une vis de serrage complémentaire par rapport aux versions standard.

Remarque : ces nouveaux porte-semelles Jumbo de type « S » peuvent couvrir toutes les semelles classiques standard (du nouveau porte-semelle « S » aux précédent) : lorsque vous utilisez les précédentes versions, la vis de serrage complémentaire ne peut être utilisée. Le refroidissement de l'arête de coupe n'est possible que lorsque vous utilisez les porte-semelles de type 'S' et les porte-semelles 'S' version standard. Afin de conserver l'équilibrage, attention de ne pas assembler un ancien et un nouveau bloc sur la même semelle au risque de déséquilibrer fortement le dispositif d'alésage !

Caractéristiques

6 semelles pour l'alésage

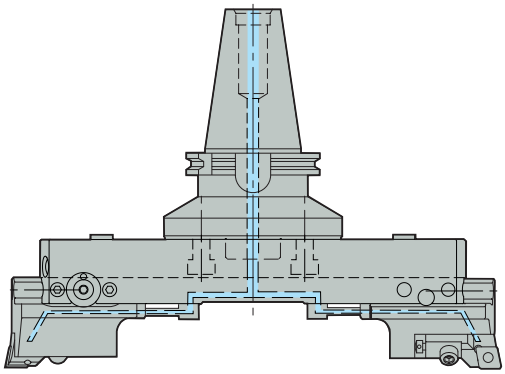
Ø 204 à 655 mm *(Ø 8.032 à 25.787")***, tournage extérieur Ø 48 à 521 mm** *(Ø 1.890 à 20.512")* **et alésage en tirant.**

Les semelles ont un raccordement côté machine de ∅ 130 mm *(Ø 5.118")* pour être directement montées sur des attachements pour semelles (SA et HSK) ou sur un adaptateur Graflex®.

Avec un adaptateur Graflex®, des rallonges sont possibles ainsi qu'un blocage à la bride de la broche, voir le système modulaire Graflex®. Position angulaire de la semelle tous les 30° sur l'attachement ou l'adaptateur Graflex®, pour un stockage aisé en magasin.

Les semelles peuvent tenir des blocs Graflex® ébauche, finition ou contrepoids. Assemblage et réglage aisés des blocs à l'aide d'un mécanisme à arbre à came L'une des vis de bridage possède un disque d'arrêt qui limite le glissement du bloc au niveau des capacités de réglage et l'empêche de tomber des porte-semelles. Le porte-semelle glisse de manière précise et sans niveau graduel pour le réglage du diamètre (course de 38 mm *(Ø 1.496")* au rayon), utilisant une vis de réglage reliée aux pions de maintien de la semelle.

Des semelles sont livrées avec des canaux de lubrification à bouchons, elles peuvent être équipées de buses orientables disponibles dans les accessoires pour diriger la lubrification vers les arêtes de coupe.



Pour la sélection des porte-semelles, correspondant à l'alésage ou au tournage de diamètre extérieur envisagé, voir les graphiques de sélection des porte-semelles, page(s) 615-620.

Vitesse de rotation maximale, voir page(s) 626.

Remarque : ces semelles (Réf. A731S 0_0) ne sont pas compatibles avec l'ancienne génération de blocs d'alésage (réf. A731 _00 -sans S-).

Caractéristiques

Bloc d'alésage pour l'ébauche

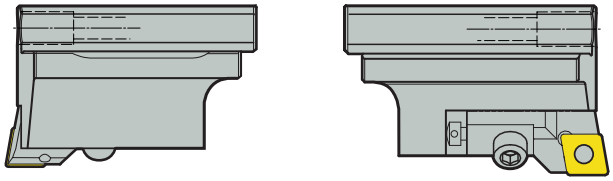
Une tête double à aléser ébauche de grande dimension est obtenue en assemblant deux blocs d'alésage ébauche, équipés chacun d'une cartouche. Lubrification par le centre focalisé sur l'arrête de coupe.

Avec un adaptateur Graflex®, des rallonges sont possibles ainsi qu'un blocage à la bride de la broche, voir le système modulaire Graflex®.

Position angulaire de la semelle tous les 30° sur l'attachement ou l'adaptateur Graflex®, pour un stockage aisé en magasin.

Les semelles peuvent tenir des blocs Graflex® ébauche, finition ou contrepoids.

Cartouches



Vaste gamme de cartouches est disponibles :

- Cartouches à angle d'attaque à 90°, recommandées dans la plupart des applications d'ébauche pour une plus faible consommation d'énergie.
- Cartouches avec angle d'attaque à 80°, recommandées pour les trous débouchants (et le chanfreinage), en particulier dans la fonte afin d'éviter les bouchages. La consommation d'énergie est plus élevée.
- D'autres cartouches avec l'interface de fixation ISO5611/h1 = 16 mm *(0.629")* conviennent.

Remarque : les deux cartouches peuvent être réglées sur le même diamètre (alésage symétrique) ou en position décalée (alésage en décalé). Une cale d'élévation est disponible en accessoires (Réf. 18LS0316). Procédures d'assemblage et de réglage, voir page(s) 615-620.

Bloc d'alésage pour la finition et bloc contrepoids

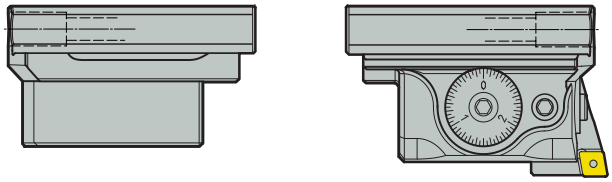
Alésage de finition à l'aide d'un bloc d'alésage finition avec un porte-plaquette et un bloc contrepoids.

La vis de réglage micrométrique du bloc d'alésage de finition autorise une résolution de 5 mm au diamètre (1 incrément = 5 mm *(197")* au diamètre). Le mécanisme est protégé et graissé à vie.

La précision du mécanisme garantit une exactitude répétable.
La vis micrométrique est positionnée latéralement, ce qui la rend accessible dans toutes les configurations.

La lubrification par le centre est focalisée sur l'arête de coupe.

Porte-plaquettes d'alésage de finition A72460, A72560 ou A72660 adéquats



Les porte-plaquettes à aléser de finition A72460, A72560 ou A72660 adéquats doivent être commandés séparément : ils sont identiques pour les têtes à aléser de finition de type radial, voir page(s) 604, 605.

Procédures d'assemblage et de réglage, voir page(s) 615-620.

Caractéristiques

Blocs d'alésage Graflex® pour le tournage de diamètres ext. ou l'alésage en tirant

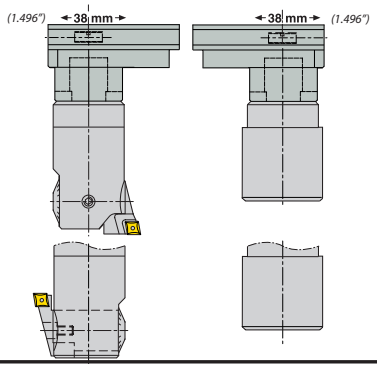
Ce bloc comporte un attachement femelle Graflex® de taille G5.

N'importe quel outil spécial, tête à aléser ou module standard Graflex® de taille G5 peut être monté sur la semelle, par ex. le dessin montrant les montages pour le tournage extérieur ou l'alésage en tirant utilisant deux blocs coulissants A78050 Graflex® montés avec une tête à aléser de finition Graflex® avec porte-plaquette (ex. A72550 pour tournage extérieur), un porte-plaquette de tournage extérieur (ex. A789X30CC0690) et d'un contrepoids Graflex® (réf. BM050W78050).

Deux positions possibles du module Graflex® sur le bloc car il y a deux positions de 2 vis avec bout sphérique et deux encoches pour tenons placées à 180°. Lubrification par le centre focalisé sur l'arête de coupe.

Procédures d'assemblage et de réglage, voir page(s) 615-620.

Blocs d'alésage Graflex® pour le tournage de diamètres ext. ou l'alésage en tirant



Ces nouveaux blocs d'alésage (Réf. A731S 400, A731S 500, A731S 600, A731S 40128) sont compatibles avec les semelles précédentes (réf. A731 0_0 -sans S-).

Les instructions de montage et la vitesse de rotation outil maxi. restent valables.

Attention de ne pas assembler un ancien et un nouveau bloc sur la même semelle au risque de déséquilibrer gravement le dispositif d'alésage.

Remarque : les nouveaux blocs d'alésage sont compatibles avec les anciennes semelles

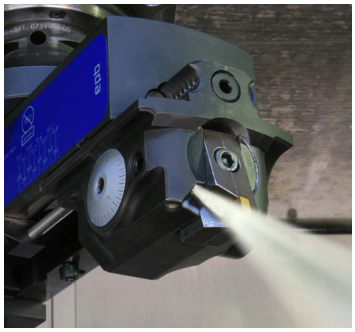
Conseils pour la sélection des accessoires pour l'arrosage interne

Ébauche (Porte-semelles avec 2 blocs d'alésage) :

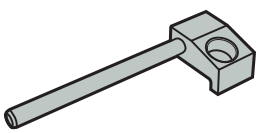
Pour l'arrosage focalisé sur les 2 arêtes de coupe, commandez 2 tubes adducteurs de lubrifiant (Réf. AU731S00700) qui se montent sur le porte-semelles, et 2 sets d'arrosage focalisés sur l'arête (Réf. AU731S40700), qui se montent sur chaque bloc d'alésage d'ébauche. Pour un arrosage normal par les canaux habituels, utilisez les tubes d'adducteurs de lubrifiant (Réf. AU731S00700) qui se montent sur le porte-semelles.

Finition (Porte-semelles avec 1 bloc finition & 1 contrepoids)

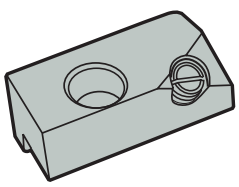
Commandez 1 tube adducteur de lubrifiant (Réf. AU731S00700), qui se monte sur le porte-semelles pour se connecter au bloc d'alésage de finition. Comme le bloc d'ébauche dispose de buses d'arrosage d'origine, l'arrosage focalisé sur l'arête peut être obtenu directement.
Tournage de diamètre extérieur (par ex. semelle avec 2 blocs d'alésage Graflex® équipé avec une tête d'alésage de finition et un contrepoids) : commandez 1 tube adducteur de lubrifiant (Réf. AU731S00700), qui se monte sur le porte-semelles Graflex® pour se connecter au bloc d'alésage de finition. Le canal d'arrosage central du Graflex® assurera la lubrification de la tête à aléser.



Tube adducteur de lubrifiant
(Réf. AU731S00700)



Set d'arrosage focalisé sur l'arête
(Réf. AU731S40700)



Remarque : pression de lubrification par le centre = 70 bars maximum.

Réalisation d'un assemblage de porte-semelles

Un assemblage d'alésage d'ébauche jusqu'au Ø 655 mm *(Ø 25.787")* **nécessite : 1 semelle (A731S 0_0) + 2 blocs d'alésage d'ébauche (2x A731S 400) avec 2 cartouches*.**

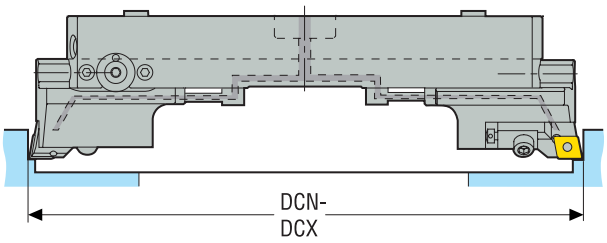


Fig. 1

Un assemblage pour alésage de finition jusqu'au Ø 655 mm *(Ø 25.787")* **nécessite : 1 semelle (A731S 0_0) + 1 bloc d'alésage de finition (A731S 500) avec porte-plaquette de finition taille 60** + 1 bloc de contrepoids (A731S 600).**

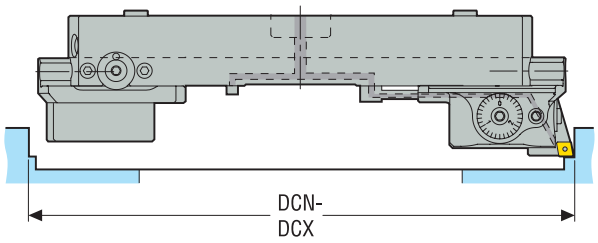


Fig. 2

Un assemblage pour alésage d'ébauche jusqu'au Ø 3 205 mm *(Ø 126.181")* **nécessite : 1 porte-semelles Jumbo (A731S 00_)+ 2 semelles (A731S 0_0) + 2 blocs d'alésage d'ébauche (2x A731S 400) avec deux cartouches*.**

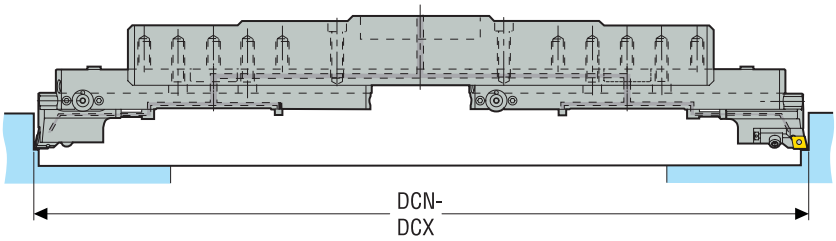


Fig. 3

Un assemblage pour alésage de finition jusqu'au Ø 3 205 mm *(Ø 126.181")* **nécessite : 1 porte-semelles Jumbo (A731S 00_) + 2 semelles (A731S 0_0) + 1 bloc d'alésage de finition (A731S 500) avec porte-plaquette de finition taille 60** + 1 bloc de contrepoids (A731S 600).**

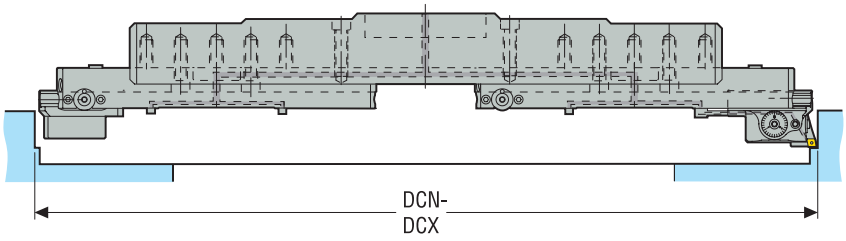


Fig. 4

*Cartouches à commander séparément.
**Les porte-plaquettes doivent être commandés séparément.

Réalisation d'un assemblage de porte-semelles : Tableau de sélection de semelle(s), pour obtenir le diamètre d'alésage requis

Pour l'alésage DCN-DCX ∅ mm	*Pour l'alésage DCN-DCX ∅ inch*	Porte-semelles Jumbo	Porte-semelles standards	Pour alésage ébauche		Pour alésage de finition	
					Fig.		Fig.
204-280	*8.031-11.024*	–	A731S 010	2x A731S 400 + 2 cartouches	1	A731S 500 + 1 Porte-plaquettes + A731S 600	2
279-355	*10.984-13.976*	–	A731S 020				
354-430	*13.937-16.929*	–	A731S 030				
429-505	*16.890-19.882*	–	A731S 040				
504-580	*(19.843-22.835*	–	A731S 050				
579-655	*22.795-25.787*	–	A731S 060				
654-805	*25.748-31.693*	A731S 001	2x A731S 010	2x A731S 400 + 2 cartouches	3	A731S 500 + 1 Porte-plaquettes + A731S 600	4
654-880	*25.748-34.646*		2x A731S 020				
804-955	*31.654-37.598*		2x A731S 030				
879-1030	*34.606-40.551*		2x A731S 040				
1029-1105	*40.512-43.504*		2x A731S 050				
1104-1255	*43.465-49.409*	A731S 002	2x A731S 010	2x A731S 400 + 2 cartouches	3	A731S 500 + 1 Porte-plaquettes + A731S 600	4
1104-1330	*43.465-52.362*		2x A731S 020				
1179-1405	*46.417-55.315*		2x A731S 030				
1254-1480	*49.370-58.268*		2x A731S 040				
1329-1555	*52.323-61.220*		2x A731S 050				
1404-1630	*55.276-64.173*		2x A731S 060				
1629-1780	*64.134-70.079*	A731S 003	2x A731S 010	2x A731S 400 + 2 cartouches	3	A731S 500 + 1 Porte-plaquettes + A731S 600	4
1629-1855	*64.134-73.031*		2x A731S 020				
1704-1930	*67.087-75.984*		2x A731S 030				
1779-2005	*70.039-78.937*		2x A731S 040				
1854-2080	*72.992-81.890*		2x A731S 050				
1929-2155	*75.945-84.843*		2x A731S 060				
2154-2305	*84.803-90.748*	A731S 004	2x A731S 010	2x A731S 400 + 2 cartouches	3	A731S 500 + 1 Porte-plaquettes + A731S 600	4
2154-2380	*84.803-93.701*		2x A731S 020				
2229-2455	*87.756-96.654*		2x A731S 030				
2304-2530	*90.709-99.606*		2x A731S 040				
2379-2605	*93.661-105.512*		2x A731S 050				
2454-2680	*96.614-105.512*		2x A731S 060				
2679-2830	*105.472-111.417*	A731S 005	2x A731S 010	2x A731S 400 + 2 cartouches	3	A731S 500 + 1 Porte-plaquettes + A731S 600	4
2679-2905	*105.472-114.370*		2x A731S 020				
2754-2980	*108.425-117.323*		2x A731S 030				
2829-3055	*111.378-120.276*		2x A731S 040				
2904-3130	*114.331-123.228*		2x A731S 050				
2979-3205	*117.283-126.181*		2x A731S 060				

Assemblage d’une semelle de tournage de diamètre extérieur :

Un assemblage de tournage de diamètres extérieurs de finition jusqu’au ∅ 521 mm *(Ø 20.512”)* nécessite : 1 semelle (A731S 0_0) + 2 blocs Graflex® (2x A731S 40128) + par ex. : 1 tête à aléser de finition (A780 50) avec porte-plaquettes taille 60* + 1 contrepoids (BM050W78050).

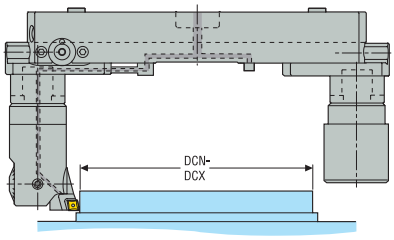


Fig. 1

Un assemblage pour alésage d’ébauche jusqu’au Ø 3 205 mm *(Ø 120.906”)* nécessite : 1 porte-semelles Jumbo (A731S 00_)+ 2 semelles (A731S 0_0) + 2 blocs d’alésage d’ébauche (2x A731S 400) avec deux cartouches*.

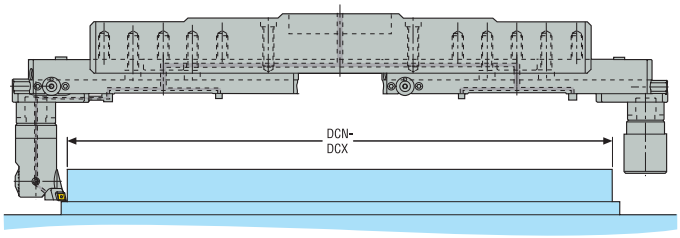


Fig. 2

* Porte-plaquette : à commander séparément.

Assemblage d'une semelle de tournage de diamètre extérieur : Tableau de sélection de semelle(s), pour obtenir le diamètre requis pour le tournage de diamètre extérieur

Pour le tournage de ∅ ext DCN-DCX ∅ mm	*Pour le tournage de ∅ ext DCN-DCX ∅ inch*	Porte-semelles Jumbo	Porte-semelles standards	Pour la finition du diamètre exterieur	Fig.
48-146	*1.890-5.748*	–	A731S 010	2x A731S 40128 + 1x A780 50 + 1 Porte-plaquettes + 1x BM050W78050	1
123-221	*4.843-8.701*	–	A731S 020		
198-296	*7.795-11.654*	–	A731S 030		
273-371	*10.748-14.606*	–	A731S 040		
348-446	*13.701-17.559*	–	A731S 050		
423-521	*16.654-20.512*	–	A731S 060		
498-671	*19.606-26.417*	A731S 001	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 Porte-plaquettes + 1x BM050W78050	2
498-746	*19.606-29.370*		2x A731S 020		
648-821	*25.512-32.323*		2x A731S 030		
723-896	*28.465-35.276*		2x A731S 040		
873-971	*34.370-38.228*		2x A731S 050		
948-1121	*37.323-44.134*	A731S 002	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 Porte-plaquettes + 1x BM050W78050	2
948-1196	*37.323-47.087*		2x A731S 020		
1098-1271	*43.228-50.039*		2x A731S 030		
1173-1346	*46.181-52.992*		2x A731S 040		
1323-1421	*52.087-55.945*		2x A731S 050		
1398-1496	*55.039-58.898*		2x A731S 060		
1473-1646	*57.992-64.803*	A731S 003	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 Porte-plaquettes + 1x BM050W78050	2
1473-1721	*57.992-67.756*		2x A731S 020		
1623-1796	*63.898-70.709*		2x A731S 030		
1698-1871	*66.850-73.661*		2x A731S 040		
1848-1946	*72.756-76.614*		2x A731S 050		
1923-2021	*75.709-79.567*		2x A731S 060		
1998-2171	*78.661-85.472*	A731S 004	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 Porte-plaquettes + 1x BM050W78050	2
1998-2246	*78.661-88.425*		2x A731S 020		
2148-2321	*84.567-91.378*		2x A731S 030		
2223-2396	*87.520-94.331*		2x A731S 040		
2373-2471	*93.425-97.283*		2x A731S 050		
2448-2546	*96.378-100.236*		2x A731S 060		
2523-2696	*99.331-106.142*	A731S 005	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 Porte-plaquettes + 1x BM050W78050	2
2523-2771	*99.331-109.094*		2x A731S 020		
2973-2846	*117.047-112.047*		2x A731S 030		
2748-2921	*108.189-115.000*		2x A731S 040		
2898-2996	*114.094-117.953*		2x A731S 050		
2973-3071	*117.047-120.906*		2x A731S 060		

Assemblage d'une semelle pour alésage en tirant :

**Assemblage pour alésage de finition en tirant jusqu'au ∅ 676 mm *(Ø 26.614")* nécessite : 1 semelle (A731S 0_0) + 2 blocs Graflex® (2x A731S 40128) + ex. : 1 tête à aléser de finition (A780 50) avec porte-plaquettes taille 50*
+ 1 contrepoids (BM050W78050).**

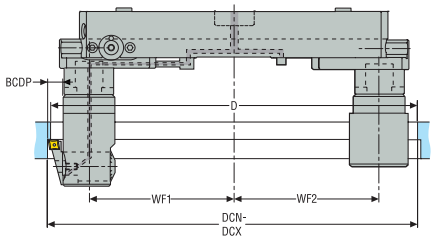


Fig. 1

Assemblage pour alésage de finition en tirant jusqu'au ∅ 3226 mm (Ø 127.008") nécessite : 1 porte-semelles Jumbo (A731S 00_) + 2 semelles (2x A731S 0) + ex : 1 tête à aléser de finition (A780 50) avec porte-plaquettes taille 50* + 1 contrepoids (BM050W78050).

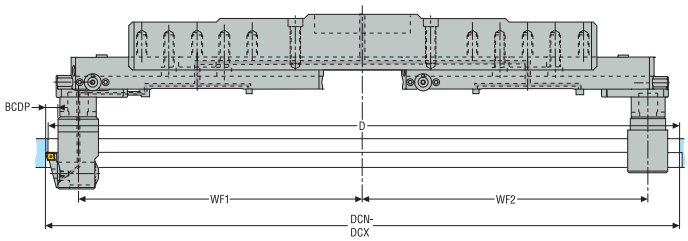


Fig. 2

* Porte-plaquette : à commander séparément.

Déterminer les diamètres minimum de passage (D min)

Condition d'équilibrage: WF1 = WF2

D min = DC + 5- BCDP

BCDP = Distance entre les arêtes de coupe et le réglage de la tête à aléser A78050 corps (7,5 < BCDP < 18,5).

2 cas différents :

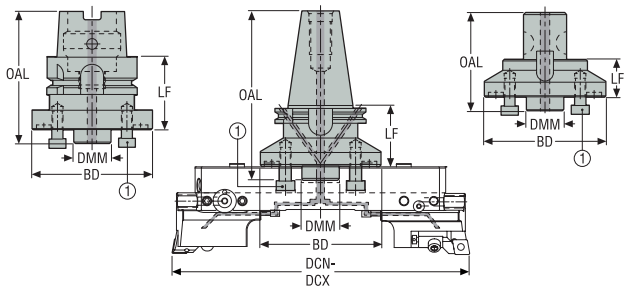
Capacité mini de réglage de la tête à aléser A78050 : D min = DCN - 2,5
Capacité maxi de réglage de la tête à aléser A78050 : D min = DCX -13,5

Assemblage d'une semelle pour alésage en tirant : Tableau de sélection de semelle(s), pour obtenir le diamètre d'alésage en tirant requis

Pour alésage en tirant DCN-DCX ∅ mm	*Pour alésage en tirant DCN-DCX ∅ inch*	Porte-semelles Jumbo	Porte-semelles standards	Pour l'alésage en tirant de finition	Fig.
203-301	*7.992-11.850*	–	A731S 010	2x A731S 40128 + 1x A780 50 + 1 porte-plaquettes à aléser en tirant + 1x BM050W78050	1
278-376	*10.945-14.803*	–	A731S 020		
353-451	*13.898-17.756*	–	A731S 030		
428-526	*16.850-20.709*	–	A731S 040		
503-601	*19.803-23.661*	–	A731S 050		
578-676	*22.756-26.614*	–	A731S 060		
653-826	*25.709-32.520*	A731S 001	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porte-plaquettes à aléser en tirant + 1x BM050W78050	2
653-901	*25.709-35.472*		2x A731S 020		
803-976	*31.614-38.425*		2x A731S 030		
878-1051	*34.567-41.378*		2x A731S 040		
1028-1126	*40.472-44.331*		2x A731S 050		
1103-1276	*43.425-50.236*	A731S 002	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porte-plaquettes à aléser en tirant + 1x BM050W78050	2
1103-1351	*43.425-53.189*		2x A731S 020		
1253-1426	*49.331-56.142*		2x A731S 030		
1328-1501	*52.283-59.094*		2x A731S 040		
1478-1576	*58.189-62.047*		2x A731S 050		
1553-1651	*61.142-65.000*		2x A731S 060		
1628-1801	*64.094-70.906*	A731S 003	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porte-plaquettes à aléser en tirant + 1x BM050W78050	2
1628-1876	*64.094-73.858*		2x A731S 020		
1778-1951	*70.000-76.811*		2x A731S 030		
1853-2026	*72.953-79.764*		2x A731S 040		
2003-2101	*78.858-82.717*		2x A731S 050		
2078-2176	*81.811-85.669*		2x A731S 060		
2153-2326	*84.764-91.575*	A731S 004	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porte-plaquettes à aléser en tirant + 1x BM050W78050	2
2153-2401	*84.764-94.528*		2x A731S 020		
2303-2476	*90.669-97.480*		2x A731S 030		
2378-2551	*93.622-100.433*		2x A731S 040		
2528-2626	*99.528-103.386*		2x A731S 050		
2603-2701	*102.480-106.339*		2x A731S 060		
2678-2851	*105.433-112.244*	A731S 005	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porte-plaquettes à aléser en tirant + 1x BM050W78050	2
2678-2926	*105.433-115.197*		2x A731S 020		
2828-3001	*111.339-118.150*		2x A731S 030		
2903-3076	*114.291-121.102*		2x A731S 040		
3053-3151	*120.197-124.055*		2x A731S 050		
3128-3226	*123.150-127.008*		2x A731S 060		

ABB 731 200 – Attachements et adaptateur pour semelles





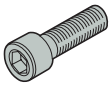
1. Vis de réglage

—Montage d'attachements HSK et SA pour des assemblages de jauges de longueur courte.
—Montage d'adaptateur Graflex® pour des assemblages de jauges de grande longueur.
—Position angulaire de la semelle tous les 30°
—Livré avec un anneau d'étanchéité o'ring ∅ 58×3 mm

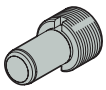
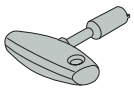
Références	Numéro de produit	Connexion côté machine	Taille	Capacité côté pièce à usiner DCN-DCX Ø		OAL	LF	BD	DMM	Poids
				mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
E3471731200	02503392	DIN 69871-ADB	DIN50 ADB	204,0 *8.031*	655,0 *25.787*	166,75 *6.565*	65,0 *2.559*	130,0 *5.118*	40,0 *1.575*	5,9 *13.0*
E3416731200	02503393	BT JIS B 6339-ADB	BT50 ADB	204,0 *8.031*	655,0 *25.787*	166,75 *6.565*	65,0 *2.559*	130,0 *5.118*	40,0 *1.575*	5,64 *12.4*
E9306731200	02417268	ISO 12164-1/ DIN69893-A	HSK-A100	204,0 *8.031*	655,0 *25.787*	115,0 *4.528*	65,0 *2.559*	130,0 *5.118*	40,0 *1.575*	5,0 *11.0*
A731200	00056616	GRAFLEX	G7	204,0 *8.031*	655,0 *25.787*	90,0 *3.543*	40,0 *1.575*	130,0 *5.118*	40,0 *1.575*	4,0 *8.8*

Couple de serrage 80 Nm. Pour plus de détails, se référer à la notice d'instructions livrée avec les porte-semelles et les blocs d'alésage.

Pièces détachées, pièces incluses lors de la livraison

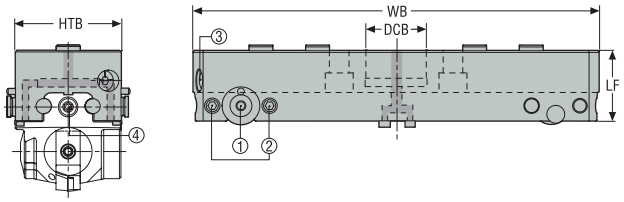
Pour	Vis de montage	Clé	Vis d'étanchéité	Tenon
				
E3471731200	950D1230	10SMS795	950A0606	–
E3416731200	950D1230	10SMS795	950A0606	–
E9306731200	950D1230	10SMS795	–	–
A731200	950D1230	10SMS795	–	90M7

Accessoires

Pour	Tube pour lubrification	Bouchons d'étanchéité	Clé de serrage
			
E3471731200	–	–	–
E3416731200	–	–	–
E9306731200	20E9306	02E9306	03E9306
A731200	–	–	–

BB 731S0x0 – Porte-semelles





1. Vis de serrage avec disque d'arrêt
2. Vis de serrage
3. Pin de maintien
4. Dia. de vis de réglage

—Arrosage avec les blocs d'alésage sur semelle

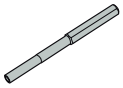
Références	Numéro de produit	Capacité côté pièce à usiner DCN-DCX Ø		HTB	WB	DCB	LF	Poids
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*
A731S010	02753664	204,0 *8.031*	280,0 *11.024*	70,0 *2.756*	195,0 *7.677*	40,0 *1.575*	47,0 *1.850*	3,6 *7.9*
A731S020	02753668	279,0 *10.984*	355,0 *13.976*	70,0 *2.756*	269,0 *10.591*	40,0 *1.575*	47,0 *1.850*	5,0 *11.0*
A731S030	02753670	354,0 *13.937*	430,0 *16.929*	70,0 *2.756*	344,0 *13.543*	40,0 *1.575*	47,0 *1.850*	6,5 *14.3*
A731S040	02753673	429,0 *16.890*	505,0 *19.882*	70,0 *2.756*	419,0 *16.496*	40,0 *1.575*	47,0 *1.850*	7,9 *17.4*
A731S050	02753675	504,0 *19.843*	580,0 *22.835*	70,0 *2.756*	494,0 *19.449*	40,0 *1.575*	47,0 *1.850*	10,5 *23.2*
A731S060	02753677	579,0 *22.795*	655,0 *25.787*	70,0 *2.756*	569,0 *22.402*	40,0 *1.575*	47,0 *1.850*	12,3 *27.1*

Couple de serrage 20 Nm de la vis de serrage (2) et de la vis de serrage avec disque d'arrêt (1).
Avant de régler le diamètre, vérifier que le pion de maintien est bien engagé. Pour plus de détails, se référer à la notice d'instructions livrée avec les porte-semelles et les blocs d'alésage.
Vitesse de rotation maximale, voir page(s) 626 *Pour les capacités de tournage du diamètre ext., voir les pages "Guide" 617-618
Pour les diamètres plus larges, voir la page sur les Porte-semelles Jumbo, page(s) 623

Pièces détachées, pièces incluses lors de la livraison

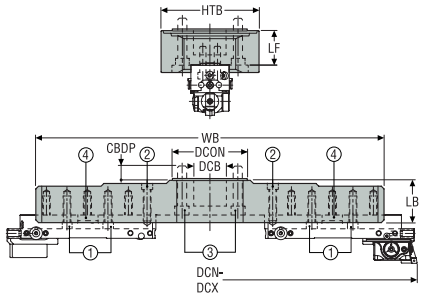
Pour	Vis de serrage
	
A731S010-60	19A71060

Accessoires

Pour	Clé (Poignée-T)	Clé	Clé
			
A731S010-60	DOUBLE-T	H6B-H5.0L	03HL05

JBB 731S00 – Porte-semelles Jumbo





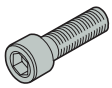
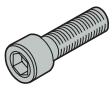
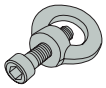
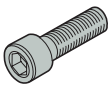
—Les porte-semelles Jumbo, ont été développés pour fixer deux semelles standards en diverses positions.
—Arrosage centralisé à travers le porte-semelles

1. Vis d'assemblage
2. Vis de serrage
3. Vis de blocage
4. Bouchon d'étanchéité

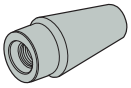
Références	Numéro de produit	Capacité côté pièce à usiner DCN-DCX Ø		HTB	LF	WB	DCON	DCB	CBDP	LB	Poids	**
		mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
A731S001	02828506	654,0 *25.748*	1105,0 *43.504*	180,0 *7.087*	63,0 *2.480*	640,0 *25.197*	135,0 *5.315*	60,0 *2.362*	24,0 *0.945*	77,0 *3.031*	20,25 *44.6*	
A731S002	02828516	1104,0 *43.465*	1630,0 *64.173*	200,0 *7.874*	50,0 *1.969*	1090,0 *42.913*	135,0 *5.315*	60,0 *2.362*	24,0 *0.945*	80,0 *3.150*	34,5 *76.1*	
A731S003	02904383	1629,0 *64.134*	2155,0 *84.843*	200,0 *7.874*	50,0 *1.969*	1615,0 *63.583*	135,0 *5.315*	60,0 *2.362*	24,0 *0.945*	80,0 *3.150*	67,0 *147.7*	**

Les capacités en alésage et tournage extérieur pour les combinaisons des semelles Jumbo et autres, consulter les page(s) 615-620
**Grandes tailles A731S004-... (∅ 2154-2680 mm) et A731S005-... (∅ 2679-3205 mm) disponible sur demande, voir page(s) du guide 611

Pièces détachées, pièces incluses lors de la livraison

Pour DCN-DCX	Vis de montage	Vis de blocage	Vis de levier	Vis de serrage	Joint torique	Bouchons d'étanchéité
						
654-1105	950D1240	950D1670	90AS03	950D1250	90JT02	AU731S01100
1104-1630	950D1240	950D1680	90AS03	950D1250	90JT02	AU731S01100
1629-2155	950D1240	950D16120	90AS03	950D1250	90JT02	AU731S01100

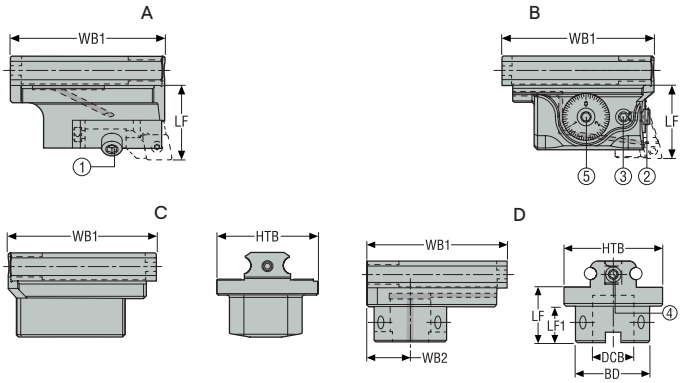
Accessoires

Pour DCN-DCX	Collerette de centrage
	
654-1105	E447153960
1104-1630	E447153960
1629-2155	E447153960

Jeu de joints toriques comprenant 6 joints toriques ∅ 6 mm (0.236") pour les canaux de refroidissement et 1 joint torique ∅ 60 mm (2.362") pour le maintient de l'alésage des porte-semelles Jumbo.

BBB 731S0xx – pour les blocs d'alésage et les porte-semelles Jumbo





—Pour le montage sur semelles
—Pour l'arrosage avec tous les types de blocs Graflex

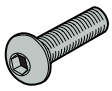
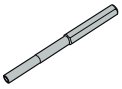
1. Vis d'assemblage
5. Vis de réglage micrométrique
3. Vis de serrage

2. Vis d'assemblage
4. Dia. de vis de réglage

Références	Numéro de produit	Type de blocd'alésage	Capacité côté pièce à usiner DCN-DCX Ø		HTB	LF	LF1	WB1	WB2	DCB	BD	Poids	Figure
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*	
A731S400	02753679	Bloc d'alésage ébauche*	204,0 *8.031*	2155,0 *84.843*	70,0 *2.756*	47,0 *1.850*	–	97,0 *3.819*	–	–	–	1,4 *3.1*	A
A731S500	02753680	Bloc d'alésage de finition	204,0 *8.031*	2155,0 *84.843*	70,0 *2.756*	47,0 *1.850*	–	97,0 *3.819*	–	–	–	1,5 *3.3*	B
A731S600	02753682	Contrepoids	204,0 *8.031*	2155,0 *84.843*	70,0 *2.756*	–	–	97,0 *3.819*	–	–	–	1,6 *3.5*	C
A731S40128	02753687	Graflex taille G5***	48,0 *1.890*	2021,0 *79.567*	70,0 *2.756*	36,0 *1.417*	25,0 *0.984*	97,0 *3.819*	30,0 *1.181*	28,0 *1.102*	50,0 *1.969*	1,0 *2.2*	D

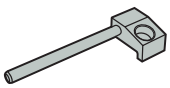
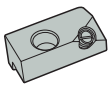
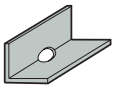
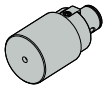
* Cartouches à commander séparément, voir page(s) 625
** Porte-plaquettes à aléser de finition taille 60, à commander séparément, voir page(s) 604, 605
*** Avec une tête à aléser A78050, utiliser le contrepoids BM050W78050, voir les accessoires ci-dessous.

Pièces détachées, pièces incluses lors de la livraison

Pour	Vis de montage	Barrel vis de blocage	Clé (Poignée-T)	Clé	Clé	Joint torique
						
A731S400	950CB0830	–	DOUBLE-T	H6B-H5.0L	–	90JT01
A731S500	950D0612	950L1016	DOUBLE-T	H6B-H5.0L	–	90JT01
A731S600	–	–	DOUBLE-T	H6B-H5.0L	–	–
A731S40128	90F5	–	DOUBLE-T	H6B-H5.0L	03H05	90JT01

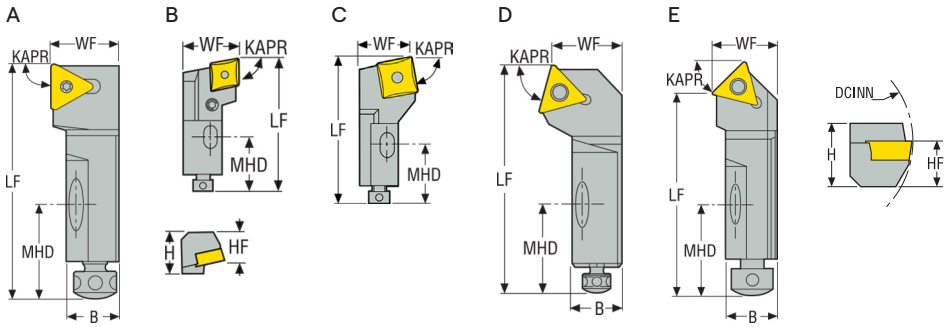
Jeu de joints toriques comprenant 6 joints toriques ∅ 6 mm (0.236") pour les canaux de refroidissement et 1 joint torique ∅ 60 mm (2.362") pour le maintient de l'alésage des porte-semelles Jumbo.

Accessoires

Pour	Tuyau de raccordement	Kit d'arrosage	Cale de coin	Contrepoids
				
A731S400	AU731S00700	AU731S40700	18LS0316	–
A731S500	AU731S00700	–	–	–
A731S600	–	–	–	–
A731S40128	AU731S00700	–	–	BM050W78050

Cartouches, semelle de blocs pour alésage d'ébauche A731S400





—Montage sur blocs d'alésage ébauche

Références	Numéro de produit	KAPR°	LF	MHD	WF	B	H	HF	DCINN	Poids	Taille de plaquette adaptée	Figure
			mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	mm *Pouces*	kg *lbs*		
SCGCL16CA-16	00039871	90,0 °	55,0 *2.165*	25,0 *0.984*	25,0 *0.984*	17,5 *0.689*	20,0 *0.787*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	CC..16..	A
STGCL16CA-16	00009197	90,0 °	63,0 *2.480*	25,0 *0.984*	24,96 *0.983*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..16T3..	A
STGCL16CA-22	02600181	90,0 °	55,0 *2.165*	25,0 *0.984*	25,0 *0.984*	17,5 *0.689*	20,0 *0.787*	16,0 *0.630*	50,0 *1.969*	0,2 *0.4*	TC..2204..	A
PCGNL16CA-12	02484356	90,2 °	63,0 *2.480*	25,0 *0.984*	25,0 *0.984*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	36,0 *1.417*	0,2 *0.4*	CN..12..	B
SSRCL16CA-15	00039872	75,0 °	63,0 *2.480*	25,0 *0.984*	25,0 *0.984*	20,0 *0.787*	20,0 *0.787*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	SC..15..	C
STRCL16CA-16	00008750	75,0 °	63,0 *2.480*	25,0 *0.984*	24,96 *0.983*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..16T3..	D
STRCL16CA-22	02585320	75,0 °	63,0 *2.480*	25,0 *0.984*	25,0 *0.984*	17,5 *0.689*	20,0 *0.787*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..2204..	D
STTCL16CA-16	00009194	60,0 °	63,0 *2.480*	25,0 *0.984*	14,96 *0.589*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..16T3..	D
STSCL16CA-16	00009193	45,0 °	53,0 *2.087*	25,0 *0.984*	24,96 *0.983*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..16T3..	E

Conditions d'usinage préconisées

Les meilleures performances sont obtenues avec un arrosage par le centre (meilleures caractéristiques d'usinage, meilleur état de surface, meilleure évacuation des copeaux).

Dans l'alésage ébauche, une productivité plus élevée s'obtient par le positionnement symétrique des cartouches (méthode la plus courante, double avance en comparé au positionnement décalé).
Dans l'alésage de finition, avec de bonnes conditions, nous préconisons l'utilisation de plaquettes Cermet (nuance CMP), pour assurer des vitesses élevées et une longue durée de vie.

Pour plus de détails, se référer aux instructions de fonctionnement fournies avec les têtes à aléser et les barres Steadyline®. Ces instructions de fonctionnement peuvent être téléchargées sur notre site www.secotools.com

Incidents & remèdes

Se référer au chapitre Incidents et remèdes en ébauche, page(s) 549, ou en finition page 594.

Vitesses maximales pour les semelles

En raison des grandes dimensions des têtes à aléser sur semelles, une programmation inadaptée peut provoquer des dommages imprévisibles.
Ci-dessous en Tr/min max., vous trouverez les assemblages courants de semelles avec les blocs à aléser pour l'ébauche, la finition et les contrepoids (réf. A731S_00) et les porte-semelles Jumbo (Réf. A731 00_). Pour d'autres assemblages, merci de contacter votre interlocuteur local Seco.

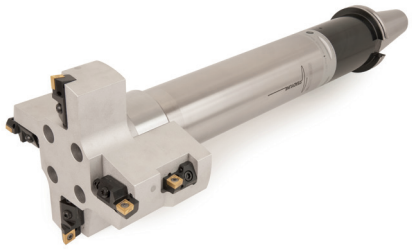
REMARQUE : lors de l'utilisation des blocs d'alésage actuels (réf. A731S 400, A731S 500, A731S 600, A731S 40128) sur les anciennes semelles (réf. A731 0_0 -sans S-), le tr/min maxi est diminué par rapport aux semelles actuelles. Attention de ne pas assembler un ancien et un nouveau bloc sur la même semelle au risque de déséquilibrer gravement le dispositif d'alésage.

Tête basée sur	**Capacité ∅ mm** *(pouces)*	**Vit. max Tr/min**	**Vitesse de coupe v_c max. à Cap. mini. conseillée m/min** *(sf/min)*	**Vitesse de coupe v_c max. à Cap. max. conseillée m/min** *(sf/min)*
Préparation des tolérances de foret				
A731S010	204-280 *(8.0315-11.0236")*	1600	1025 *(3363)*	1407 *(4616)*
A731S020	279-355 *(10.9843-13.9764")*	1150	1007 *(3304)*	1282 *(4206)*
A731S030	354-430 *(13.937-16.9291")*	900	1000 *(3281)*	1215 *(3986)*
A731S040	429-505 *(16.8898-19.8819")*	750	1010 *(3314)*	1189 *(3901)*
A731S050	504-580 *(19.8425-22.8346")*	650	1029 *(3376)*	1184 *(3885)*
A731S060	579-655 *(22.7953-25.7874")*	550	1000 *(3281)*	1131 *(3711)*
Porte-semelles Jumbo (avec deux porte-semelles identiques et des blocs d'alésage symétriques)				
A731S001	654-1105 *(25.748-43.50394")*	170	349 *(1145)*	590 *(1936)*
A731S002	1104-1630 *(43.46457-64.17323")*	100	346 *(1135)*	512 *(1680)*
A731S003	1629-2155 *(64.13386-84.84252")*	70	358 *(1175)*	473 *(1552)*
A731S004	2154-2680 *(84.80315-105.5118")*	50	358 *(1175)*	420 *(1378)*
A731S005	2679-3205 *(105.4724-126.1811")*	40	336 *(1102)*	402 *(1319)*

Remarque : Les vitesses maximales indiquées dans ce tableau dépendent du mécanisme de la tête et de la qualité d'équilibrage. Le choix de la vitesse adéquate doit, bien entendu, tenir compte des conditions de coupe, comme par ex. la matière, la plaquette, le porte-à-faux, la broche de la machine.

Solutions d’alésage sur mesure

Seco Tools Tooling Systems a une grande expérience dans la conception de solutions sur mesure pour les opérations d’alésage :



- Solutions antivibratoires Steadyline® pour l’alésage d’ébauche ou de finition,
- Barres d’alésage à plusieurs arêtes,
- Des extensions spéciales avec patins de guidage, pour les opérations avec de long porte-à-faux,
- Barre polyvalente pour les opérations de perçage, alésage, chanfreinage, filetage...

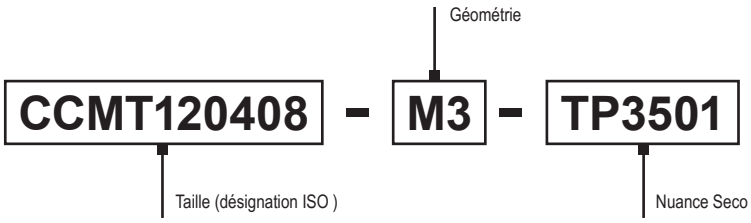
Pour plus d’information, veuillez contacter votre interlocuteur Seco.

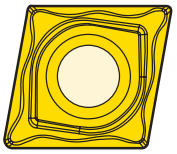
Un choix de plaquettes pour l'alésage

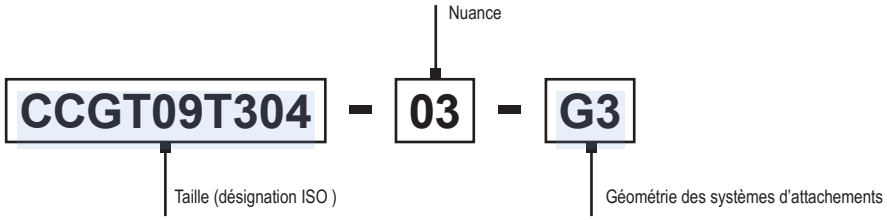
Voici une sélection de plaquettes de la gamme Seco, qui sont particulièrement adaptée à l'alésage. Les tailles de plaquettes choisies sont celles qui conviennent pour la gamme de plaquettes d'alésage.
Les plaquettes pour alésage d'ébauche ont une ténacité élevée pour garantir un débit copeaux élevé et des géométries positives permettant de réduire au maximum les besoins en couple de la broche.

Les plaquettes pour alésage de finition ont des géométries positives et des nuances résistant à l'usure et arêtes vives, pour améliorer le contrôle des copeaux, la tolérance d'alésage, la géométrie et l'état de surface.

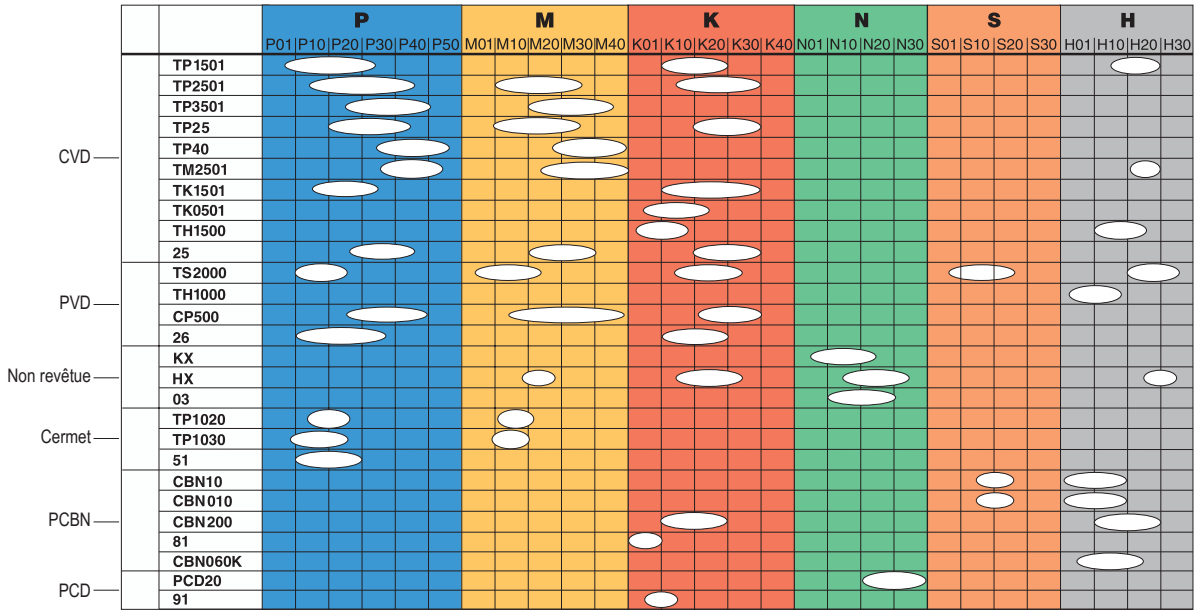
Exemples de codifications des références



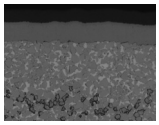
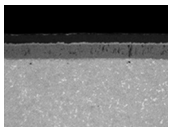
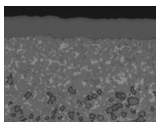
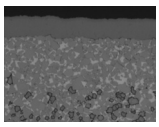
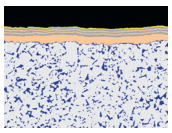
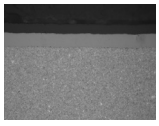
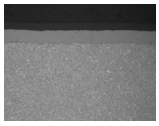
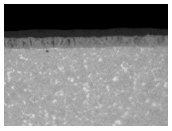
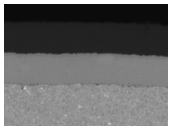




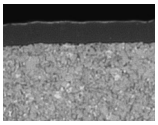
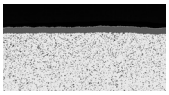
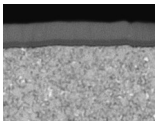
Nuances de plaquettes pour alésage – Classification ISO des matériaux



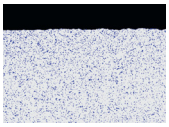
Nuances revêtue CVD recommandées pour l'alésage

TP1501		Nuance revêtue de technologie **Duratomic®**. Nuance hautement résistante à l'usure et à la chaleur parfaitement adaptée pour le tournage général des aciers et une alternative dans d'autres groupes de matériaux. Ti(C,N) + Al_2O_3 + ...
TP25		Nuance universelle performante pour une polyvalence maximale dans les aciers, les aciers inoxydables et les fontes. Une alternative fiable dans les applications de tournage des aciers avec des vitesses de coupe réduites ou ayant des exigences d'état de surface élevées. Ti(C,N) + Al_2O_3 + Détection des arêtes utilisées (Chrome)
TP2501		Nuance revêtue de technologie **Duratomic®**. Conçue avec une haute résistance à l'usure et des arêtes, elle est adaptée à une large gamme d'applications de tournage des aciers ainsi que de nombreux aciers inoxydables et des fontes. Ti(C,N) + Al_2O_3 + ...
TP3501		La TP3501 est destinée aux opérations d'alésage où la principale exigence est la ténacité et la fiabilité dans l'usinage des aciers et des aciers inoxydables. Ti(C,N) + Al_2O_3 DURATOMIC®
TP40		La TP40 est la nuance de base pour le tournage dans la gamme des P40. Nuance très tenace pour les opérations exigeantes en moulage et pièces forgées en acier, ainsi que pour tous types d'aciers inoxydables. TiC/Ti(C,N) + TiN
TK0501		Nuance revêtue de technologie **Duratomic®**. Une nuance optimisée extrêmement résistante à l'usure, choix de base pour l'usinage des fontes grise et fontes ductiles. Ti(C,N) + Al_2O_3 + Détection des arêtes utilisées (Chrome)
TK1501		Nuance revêtue de technologie **Duratomic®**. Nuance très résistante à l'usure pour les fontes en général ainsi que pour les aciers. La nuance est particulièrement adaptée à l'usinage de fontes ductiles (nodulaires), également dans des configurations plus exigeantes et des coupes interrompues. Ti(C,N) + Al_2O_3 + Détection des arêtes utilisées (Chrome)
TM2501		Nuance Duratomic®. Une nuance très performante dans les aciers inoxydables austénitiques avec une excellente ténacité d'arête. Choix de base pour le tournage des aciers inoxydables austénitiques. En complément dans les aciers en tournage interrompu. Ti(C,N) + Al_2O_3 + Détection des arêtes utilisées (Chrome)
TH1500		Nuance revêtue de la technologie DURATOMIC®. Nuance ultra-micro-grain extrêmement dure destinée à l'usinage d'aciers partiellement trempés et alternative à la finition des fontes. Ti(C,N) + Al_2O_3
25		Nuance universelle. Cette nuance est destinée à une large gamme d'applications d'alésage dans l'acier, les aciers inoxydables et la fonte. Bonne combinaison de résistance à l'usure et de ténacité. Ti (C, N) + Al2O3.

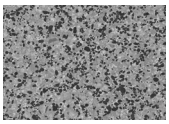
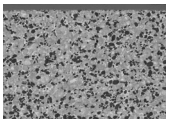
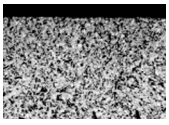
Nuances revêtue PVD recommandées pour l'alésage

TS2000		Nuance micrograin principalement destinée aux opérations de finition des superalliages et alliages de titane. Se comporte également bien dans les opérations de finition dans de l'acier inoxydable. (Ti,Al)N + TiN
CP500 & 26G6		Nuance micrograin très dure destinée à la finition et à l'ébauche moyenne des aciers inoxydables. Convient tout à fait aux opérations de coupe interrompue. La CP500 est également une alternative pour les alliages d'aluminium. (Ti,Al)N + TiN
TH1000		Nuance sub-micrograin très dure destinée aux pièces en acier partiellement trempé et généralement aux superalliages. Sa remarquable ténacité d'arête permet de travailler en coupe interrompue ou sur des ébauches de mauvaise qualité.

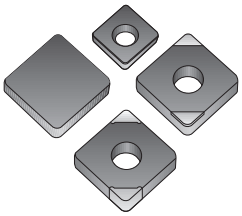
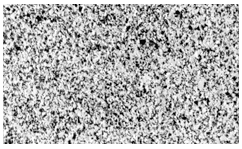
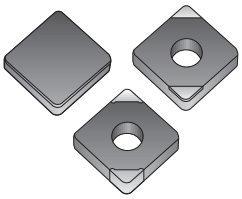
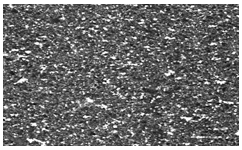
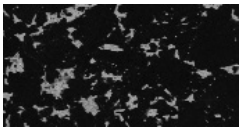
Nuances non revêtues recommandées pour l'alésage

KX & 03G3		Nuance micrograin destinée à l'usinage de l'aluminium et d'autres matériaux non ferreux.
HX		Nuance universelle non revêtue destinée à l'usinage de la fonte et des aciers trempés, également utile dans les matériaux non ferreux.

Cermet recommandé pour l'alésage

TP1020		Cermet à très haute résistance à l'usure destiné à répondre aux exigences les plus élevées en matière d'état de surface avec une prévisibilité et un bon contrôle dans l'acier et l'acier inoxydable.
TP1030		Nuance Cermet revêtue PVD à très haute résistance à l'usure destiné aux exigences élevées de finition de surface et de productivité avec prévisibilité dans l'acier et l'acier inoxydable principalement. Revêtement nanolaminé Ti-Al-Si-N.
51G1		Cermet avec une très haute résistance à l'usure. Destiné aux opérations de finition sur l'acier, pour lesquelles des exigences d'états de surface strictes sont imposées.

Nuances CBN et PCD recommandées pour l'alésage

CBN010		Format : Monobloc (réversible), full-face & insert brasé (réversible et non-réversible). Composition : 50 % de CBN dans cette nuance avec une taille de grain moyenne de 2 µm et un liant céramique TiC. Revêtement : Non revêtue.
CBN10 & 81B1		CBN, nuance de nitrure de bore cubique, pour les coupes légèrement continues à moyennement interrompues. Pour l'alésage de finition dans l'acier trempé et les superalliages.
CBN060K		Monobloc, brasé (réversible et non-réversible) ou fritté. Choix de base pour les coupes continues ou légèrement interrompues dans l'acier trempé (a_p < 0,5 mm). Nouveau revêtement PVD (Ti,Si,Al)N développé pour l'usinage à grande vitesse. Nouveau liant exclusif pour superalliages.
CBN200		Format : Full-face brasé et brasé (non réversible). Composition : 85% de CBN (nitrure de bore cubique) dans cette nuance avec une taille de grain moyenne de 2 µm et un liant céramique de Co-W-Al. Revêtement : Non revêtue.
PCD20 & 91J3		PCD, diamant polycristallin, pour l'alésage dans l'aluminium et les alliages d'aluminium, le cuivre, le laiton, le bronze et les matériaux synthétiques.

Plaquettes, recommandées pour l'alésage ébauche, avec conditions de coupe

Références	Non revêtuepour tour et brise-copeaux rectifiés			Revêtue Brise-copeaux fritté					Revêtue Pour tour et brise-cope-aux rectifiés	Profondeur de coupe a_p mm *(inch)*	Avance à la dent f mm *(inch)*
	KX	HX	03D3	TP2501	TP3501	TP40	25C4	TK1501	CP500		
CPGT050204			02434654							2 *(0.079)*	0,08-0,2 *(0.0031-0.0079)*
CCMT060204-F1				02960857	03095430	00008505		03062942	00096854	2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT060204-F2		74011732				74018652				2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCGT060204L-UX									02497631	2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCGT060204F-AL	00015710									2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT060204-M3				02960858	03095431			03062944		2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT09T308-F1				02960861	03095443	00008518		03063857	00096858	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMT09T308-MF2				02956309	03095446				02754822	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCGT09T304L-UX									02497640	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCGT09T308F-AL	00015754									2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMT120408-F1				02960854	03095449			03062626		4 *(0.157)*	0,15-0,4 *(0.0059-0.0157)*
CCMT120408-MF2				02956311	03095452					4 *(0.157)*	0,15-0,4 *(0.0059-0.0157)*
CCGT120408L-UX									02610062	4 *(0.157)*	0,15-0,4 *(0.0059-0.0157)*
CCGT120408F-AL	00015790									5 *(0.197)*	0,15-0,4 *(0.0059-0.0157)*
SCMT060204-M3				02960423	03096621					2,5 *(0.098)*	0,1-0,22 *(0.0039-0.0087)*
SCMT09T308-F1				02960396	03096625			03062629	00099708	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
SCMT09T308-MF2				02956318	03096627				02755042	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
SCMT120408-F1				02960397	03096630				00099804	4 *(0.157)*	0,15-0,4 *(0.0059-0.0055)*
SCMT120408-M3				02960429	03096631			03063990		4 *(0.157)*	0,15-0,4 *(0.0059-0.0055)*
TCMT16T308-F1				02960408	03096643				00091357	5 *(0.197)*	0,15-0,4 *(0.0059-0.0055)*
TCMT16T308-MF2				02956323	03096645				02755046	5 *(0.197)*	0,15-0,4 *(0.0059-0.0055)*
TCGT16T308F-AL	00015875									4 *(0.157)*	0,15-0,4 *(0.0059-0.0055)*
SCMT150512-F2						74007348				7 *(0.276)*	0,2-0,5 *(0.0079-0.0197)*

Pour les vitesses de coupe recommandées, voir page(s) 636-639

Plaquettes...CN, recommandées pour l'alésage ébauche (réversible)

Références	Revêtue Brise-copeaux fritté				Profondeur de coupe a_p mm *(inch)*	Avance à la dent f mm *(inch)*
	TP3500	TP40	TM2501	TP25		
CNMG120408-M3			03275990	03275989	4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*
CNMG120408-MF3		74030598	03275999	03275998	4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*
CNMG120408-MF4			03273904		4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*
CNMG120408-MF1			03275995		4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*
CNMG120408-MR7		74017309	03276001		4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*

Pour les vitesses de coupe recommandées, voir page(s) 636-639

Plaquettes recommandées pour l'alésage finition, avec conditions de coupe

Références	Revêtues							Cermet			Profondeur de coupe a_p mm *(inch)*	Avance à la dent f mm *(inch)*
	TP1501	TS2000	TK1501	CP500	26G6	TH1000	TH1500	51G1	TP1020	TP1030		
CCGT060200								00083915			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT0602005-F1				02430287							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060201-F1				02430307							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060202					00039546			00096634			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060204					00081826			00048334			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060204L-UX				02497631							2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT060202-F1	02960383	02614299		00096853					02754786	02754435	0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT060204-F1	02960856	02615873	03062942	00096854		02825858			02754791	02754792	2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMW060202F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMW060204F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060202S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060204S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060204E-L1-B											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T301-F1				02430311							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T302					00048337			00048339			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T304					00077338			00048344			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T304L-UX				02497640							2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMT09T302-F1	02960837			00096856					02754805	02754806	0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT09T304-F1	02960844	02615874	03063856	00096857		02731806			02754811	02754812	0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT09T308-F1	02960853	02615876	03063857	00096858		02731807				02754821	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMW09T304F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMW09T308F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T304E-L1-B											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T308E-L1-B											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T304S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T308S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGT110204								00000721			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGT110201-F1				02430376							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110202-F1				02430419							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110204-F1	02960401			02430421							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110208-F1	02960403			00098986							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110204E-L1-C											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110208E-L1-C											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110204S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110208S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMW110204F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030100								00083089			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030102								00091845			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030102L				02416632							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGW030102											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*

Le tableau se poursuit à la page suivante.

Pour les vitesses de coupe recommandées, voir page(s) 636-639

Plaquettes recommandées pour l'alésage finition, avec conditions de coupe

Références	CBN				PCD		Profondeur de coupe a_p mm *(inch)*	Avance à la dent f mm *(inch)*
	CBN010	CBN060K	CBN200	81B1	PCD20	91J3		
CCGT060200							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT0602005-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060201-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060202							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060204							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060204L-UX							2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT060202-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT060204-F1							2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMW060202F-L1					00089760		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMW060204F-L1					00005684		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060202S-01020-LF			02464698				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060204S-01020-LF	02916281		02464699				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060204E-L1-B	02843086	02776337	02649599				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T301-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T302							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T304							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T304L-UX							2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMT09T302-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT09T304-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT09T308-F1							2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMW09T304F-L1					00005686		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMW09T308F-L1					00095357		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T304E-L1-B	02843126	02776338	02649607				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T308E-L1-B	02937148		02649608				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T304S-01020-LF	02916282		02464702				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T308S-01020-LF			02464703				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGT110204							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGT110201-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110202-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110204-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110208-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110204E-L1-C	02848657	02776346					0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110208E-L1-C	02848792						0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110204S-01020-LF			02464742				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110208S-01020-LF			02464744				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMW110204F-L1					00005689		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030100							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030102							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030102L							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGW030102				00096761		00096763	0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*

Pour les vitesses de coupe recommandées, voir page(s) 636-639

Vitesses de coupe recommandées pour l'alésage (en fonction de la matière à usiner et de la nuance de plaquette) – Métrique

SMG	v_c (m/min)										
	KX & HX	03	TP40	TP1501	TP2501	TP3501	TK0501	TK1501	TH1000	TH1500	CP500
P1			60-180	60-350	60-250	60-230					80-200
P2			60-180	60-350	60-250	60-230					80-200
P3			60-180	60-350	60-250	60-230					80-200
P4			60-180	60-350	60-250	60-230					80-200
P5			60-150	60-300	60-250	60-230					80-200
P6			60-140	60-300	60-230	60-200					80-180
P7			60-140	60-300	60-230	60-200					80-160
P8			60-120	60-250	60-230	60-200					80-130
P11			60-120	60-300	60-250	60-200					80-180
M1			60-130	100-200	60-200	60-200					60-160
M2			60-130	100-200	60-200	60-200					60-160
M3			60-120	100-180	60-200	60-200					60-150
M4			60-110	100-180	60-190	60-190					60-150
M5			60-110	100-180	60-180	60-180					60-150
K1			60-140	100-250		60-180	60-230	60-230			60-160
K2			60-140	100-250		60-180	60-230	60-230			60-160
K3			60-140	100-250		60-180	60-230	60-230			60-160
K4			60-140	100-250		60-180	60-200	60-200			60-160
K5			60-140	100-250		60-180	60-200	60-200			60-160
K6			60-130	100-250		60-180	60-200	60-200			60-160
K7			60-130	100-250		60-180	60-200	60-200			60-160
N1	150-800	150-800									150-800
N2	150-800	150-800									150-800
N3	150-500	150-500									150-500
N11	150-400	150-400									150-400
S1	20-50	20-50									20-50
S2	20-50	20-50									20-50
S3	20-50	20-50									20-50
S11	20-50	20-50									20-50
S12	20-50	20-50									20-50
S13	20-50	20-50									20-50
H3									50-150	50-150	
H5									50-140	50-140	
H7									50-150	50-150	
H8									30-130	30-130	
H11									30-120	30-120	
H12									30-120	30-120	
H21											
H31											

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

Vitesses de coupe recommandées pour l'alésage (en fonction de la matière à usiner et de la nuance de plaquette) – *Pouces*

SMG	v_c *(sf/min)*										
	KX & HX	03	TP40	TP1501	TP2501	TP3501	TK0501	TK1501	TH1000	TH1500	CP500
P1			*197-591*	*197-1148*	*197-820*	*197-755*					*262-656*
P2			*197-591*	*197-1148*	*197-820*	*197-755*					*262-656*
P3			*197-591*	*197-1148*	*197-820*	*197-755*					*262-656*
P4			*197-591*	*197-1148*	*197-820*	*197-755*					*262-656*
P5			*197-492*	*197-984*	*197-820*	*197-755*					*262-656*
P6			*197-459*	*197-984*	*197-755*	*197-656*					*262-591*
P7			*197-459*	*197-984*	*197-755*	*197-656*					*262-525*
P8			*197-394*	*197-820*	*197-755*	*197-656*					*262-427*
P11			*197-394*	*197-984*	*197-820*	*197-656*					*262-591*
M1			*197-427*	*328-656*	*197-656*	*197-656*					*197-525*
M2			*197-427*	*328-656*	*197-656*	*197-656*					*197-525*
M3			*197-394*	*328-591*	*197-656*	*197-656*					*197-492*
M4			*197-361*	*328-591*	*197-623*	*197-623*					*197-492*
M5			*197-361*	*328-591*	*197-591*	*197-591*					*197-492*
K1			*197-459*	*328-820*		*197-591*	*197-755*	*197-755*			*197-525*
K2			*197-459*	*328-820*		*197-591*	*197-755*	*197-755*			*197-525*
K3			*197-459*	*328-820*		*197-591*	*197-755*	*197-755*			*197-525*
K4			*197-459*	*328-820*		*197-591*	*197-656*	*197-656*			*197-525*
K5			*197-459*	*328-820*		*197-591*	*197-656*	*197-656*			*197-525*
K6			*197-427*	*328-820*		*197-591*	*197-656*	*197-656*			*197-525*
K7			*197-427*	*328-820*		*197-591*	*197-656*	*197-656*			*197-525*
N1	*492-2625*	*492-2625*									*492-2625*
N2	*492-2625*	*492-2625*									*492-2625*
N3	*492-1640*	*492-1640*									*492-1640*
N11	*492-1312*	*492-1312*									*492-1312*
S1	*66-164*	*66-164*									*66-164*
S2	*66-164*	*66-164*									*66-164*
S3	*66-164*	*66-164*									*66-164*
S11	*66-164*	*66-164*									*66-164*
S12	*66-164*	*66-164*									*66-164*
S13	*66-164*	*66-164*									*66-164*
H3									*164-492*	*164-492*	
H5									*164-459*	*164-459*	
H7									*164-492*	*164-492*	
H8									*98-427*	*98-427*	
H11									*98-394*	*98-394*	
H12									*98-394*	*98-394*	
H21											
H31											

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

Vitesses de coupe recommandées pour l'alésage (en fonction de la matière à usiner et de la nuance de plaquette) – Métrique

SMG	v_c (m/min)												
	26	25	TS2000	TP1020	TP1030	51	CBN10/ CBN010	81	CBN200	82	PCD20	91	Axiabore
P1	80-200	60-180		100-350	100-350	100-350							80-250
P2	80-200	60-180		100-350	100-350	100-350							80-250
P3	80-200	60-180		100-350	100-350	100-350							80-250
P4	80-200	60-180		100-350	100-350	100-350							80-250
P5	80-200	60-180		100-350	100-350	100-350							70-230
P6	80-180	60-160		100-300	100-300	100-300							70-230
P7	80-160	60-160		100-250	100-250	100-250							70-230
P8	80-130	60-130		100-250	100-250	100-250							70-200
P11	80-180	60-150		100-300	100-300	100-300							70-200
M1	60-160	60-140	60-200	80-200	80-200	80-200							60-200
M2	60-160	60-140	60-200	80-200	80-200	80-200							60-200
M3	60-150	60-130	60-200	80-200	80-200	80-200							60-180
M4	60-150	60-120	60-180	80-180	80-180	80-180							60-170
M5	60-150	60-120	60-180	80-180	80-180	80-180							60-170
K1	60-160	60-160		100-250	100-250	100-250			300-1000	300-1000			60-150
K2	60-160	60-160		100-250	100-250	100-250			300-1000	300-1000			60-150
K3	60-160	60-160		100-250	100-250	100-250			300-1000	300-1000			60-150
K4	60-160	60-160		100-250	100-250	100-250			300-1000	300-1000			60-130
K5	60-160	60-160		100-250	100-250	100-250							50-100
K6	60-160	60-160		100-180	100-180	100-180							50-100
K7	60-160	60-160		100-180	100-180	100-180							50-100
N1	150-800										300-1500	300-1500	200-800
N2	150-800										300-1500	300-1500	200-800
N3	150-500										200-800	200-800	200-800
N11	150-400										180-800	180-800	200-800
S1	20-50		20-80										20-60
S2	20-50		20-80										20-60
S3	20-50		20-80										60-50
S11	20-50		20-80										20-50
S12	20-50		20-80										20-50
S13	20-50		20-80										20-50
H3							80-180	80-180					
H5							80-200	80-200					
H7							80-150	80-150					
H8							80-150	80-150					
H11													
H12													
H21													
H31													

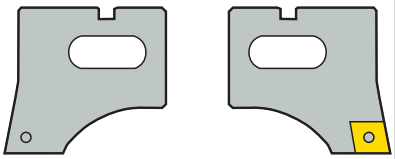
SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

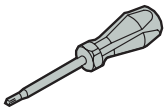
Vitesses de coupe recommandées pour l'alésage (en fonction de la matière à usiner et de la nuance de plaquette) – *Pouces*

SMG	v_c *(sf/min)*												
	26	25	TS2000	TP1020	TP1030	51	CBN10/ CBN010	81	CBN200	82	PCD20	91	Axiabore
P1	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*262-820*
P2	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*262-820*
P3	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*262-820*
P4	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*262-820*
P5	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*230-755*
P6	*262-591*	*197-525*		*328-984*	*328-984*	*328-984*							*230-755*
P7	*262-525*	*197-525*		*328-820*	*328-820*	*328-820*							*230-755*
P8	*262-427*	*197-427*		*328-820*	*328-820*	*328-820*							*230-656*
P11	*262-591*	*197-492*		*328-984*	*328-984*	*328-984*							*230-656*
M1	*197-525*	*197-459*	*197-656*	*262-656*	*262-656*	*262-656*							*197-656*
M2	*197-525*	*197-459*	*197-656*	*262-656*	*262-656*	*262-656*							*197-656*
M3	*197-492*	*197-427*	*197-656*	*262-656*	*262-656*	*262-656*							*197-591*
M4	*197-492*	*197-394*	*197-591*	*262-591*	*262-591*	*262-591*							*197-558*
M5	*197-492*	*197-394*	*197-591*	*262-591*	*262-591*	*262-591*							*197-558*
K1	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*			*984-3281*	*984-3281*			*197-492*
K2	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*			*984-3281*	*984-3281*			*197-492*
K3	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*			*984-3281*	*984-3281*			*197-492*
K4	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*			*984-3281*	*984-3281*			*197-427*
K5	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*							*164-328*
K6	*197-525*	*197-525*		*328-591*	*328-591*	*328-591*							*164-328*
K7	*197-525*	*197-525*		*328-591*	*328-591*	*328-591*							*164-328*
N1	*492-2625*										*984-4921*	*984-4921*	*656-2625*
N2	*492-2625*										*984-4921*	*984-4921*	*656-2625*
N3	*492-1640*										*656-2625*	*656-2625*	*656-2625*
N11	*492-1312*										*591-2625*	*591-2625*	*656-2625*
S1	*66-164*		*66-262*										*66-197*
S2	*66-164*		*66-262*										*66-197*
S3	*66-164*		*66-262*										*197-164*
S11	*66-164*		*66-262*										*66-164*
S12	*66-164*		*66-262*										*66-164*
S13	*66-164*		*66-262*										*66-164*
H3							*262-591*	*262-591*					
H5							*262-656*	*262-656*					
H7							*262-492*	*262-492*					
H8							*262-492*	*262-492*					
H11													
H12													
H21													
H31													

SMG = Groupes matières Seco V_c = m/min (sf/min) Toutes les données sont des valeurs de départ

Vis et tournevis pour tous les porte-plaquettes à aléser, outils et cartouches

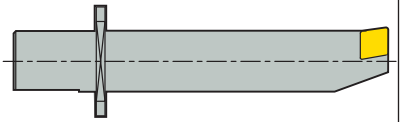


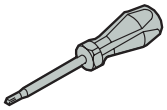




		Accessoires		Pièces détachées	
		Tournevis Torx pour vis de fixation*		Vis de serrage de plaquette	
	Pour taille de plaquette	Références	Torx Plus	Références	Torx Plus
Pour les porte-plaquettes d'alésage d'ébauche	CP...0502	T07P-3	07	C02245-T07P	07
	CC...0602	T07P-3	07	C02504-T07P	07
	CC...09T3	T15P-3	15	C04008-T15P	15
	CC...1204	T15P-3	15	C05012-T15P	15
	CC...1605	T15P-3	15	C05012-T15P	15
	SC...0502	T07P-3	07	C02245-T07P	07
	SC...0602	T07P-3	07	C02504-T07P	07
	SC...09T3	T15P-3	15	C04008-T15P	15
	SC...1204	T15P-3	15	C05012-T15P	15
	SC...1505	T15P-3	15	C05012-T15P	15

* Un tournevis Torx est livré avec chaque tête à aléser.

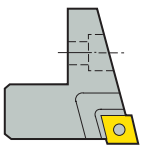


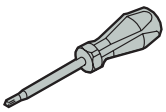




		Accessoires		Pièces détachées	
		Tournevis Torx pour vis de fixation*		Vis de serrage de plaquette	
	Pour taille de plaquette	Références	Torx Plus	Références	Torx Plus
Pour outil de type Axiabore™	WB...0301...	T06P-3	06	C02035-T06P	06
	CC...0602...	T07P-3	07	C02504-T07P	07
	–	T15P-3	15	C04008-T15P	15

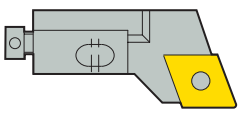
Pièces de rechange pour porte-plaquettes

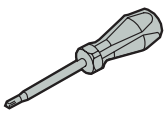






		Pièces détachées			
		Clé		Vis de plaquette	
	Pour taille de plaquette	Références	Torx Plus	Références	Torx Plus
Pour porte-plaquette à aléser de finition, à chanfreiner et à aléser en tirant	WB...0301...	T06P-2	06	C02035-T06P	06
	CC...0602...	T07P-3	07	C02504-T07P	07
	CC...09T3...	T15P-3	15	C04008-T15P	15
	TC...1102...	T07P-3	07	C02504-T07P	07

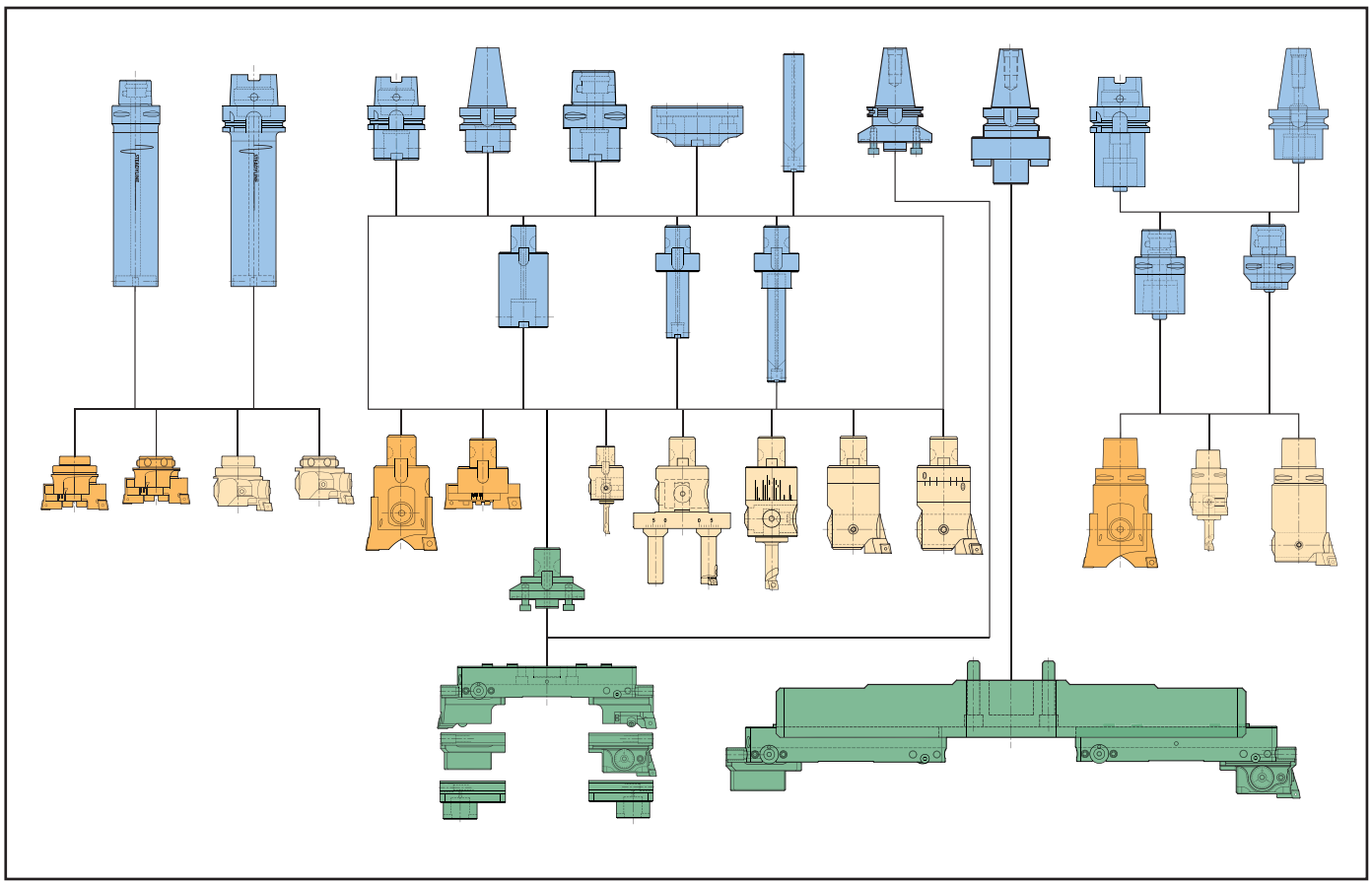






		Accessoires		Pièces détachées	
		Tournevis Torx pour vis de fixation*		Vis de serrage de plaquette	
	Pour taille de plaquette	Références	Torx Plus	Références	Torx Plus
Pour cartouches	CC...16...	T15P-2	15	C05012-T15P	15
	SC...15...	T15P-2	15	C05012-T15P	15
	TC...16...	T15P-2	15	C03509-T15P	15
	TC...22...	T15P-2	15	C05012-T15P	15

Porte outils recommandés pour les têtes à aléser



Les têtes à aléser disposent d'une connexion Graflex®, Seco-Capto™ ou connexion GL ou BA côté machine

La tête à aléser peut être utilisé sur plusieurs types de machines, en utilisant les adaptateurs Graflex®, Seco-Capto™ ou les barres antivibratoires Steadyline® de tournage/d'alésage adéquats.

Système d'amortissement des vibrations Steadyline® pour les opérations d'alésage
Les têtes à aléser avec connexion GL ou BA côté machine sont conçues pour être montées sur les barres de tournage/d'alésage Steadyline® avec connexions HSK-T/A et Seco-Capto™ côté machine. Cela permet de réaliser des opérations d'ébauche et de finition avec des porte-à-faux de 6xD, 8xD et 10xD, en conditions très stables.

Barres d'alésage modulaires Graflex® et Seco-Capto™
Toutes les longueurs de barres peuvent être réalisées en sélectionnant les éléments intermédiaires Graflex® adéquats, ex. : le modèle extra long avec une extension en carbure. La rigidité de montage la plus élevée peut être obtenue en choisissant l'attachement le plus long et le plus large possible puis en complétant avec des intermédiaires plus petits.

La connexion Graflex® et Seco-Capto™ garantissent une orientation unique des têtes à aléser, donnant aux arêtes de coupe une orientation conforme à l'ISO. Les modules Graflex® sont conçus pour être jointifs par les côtés.

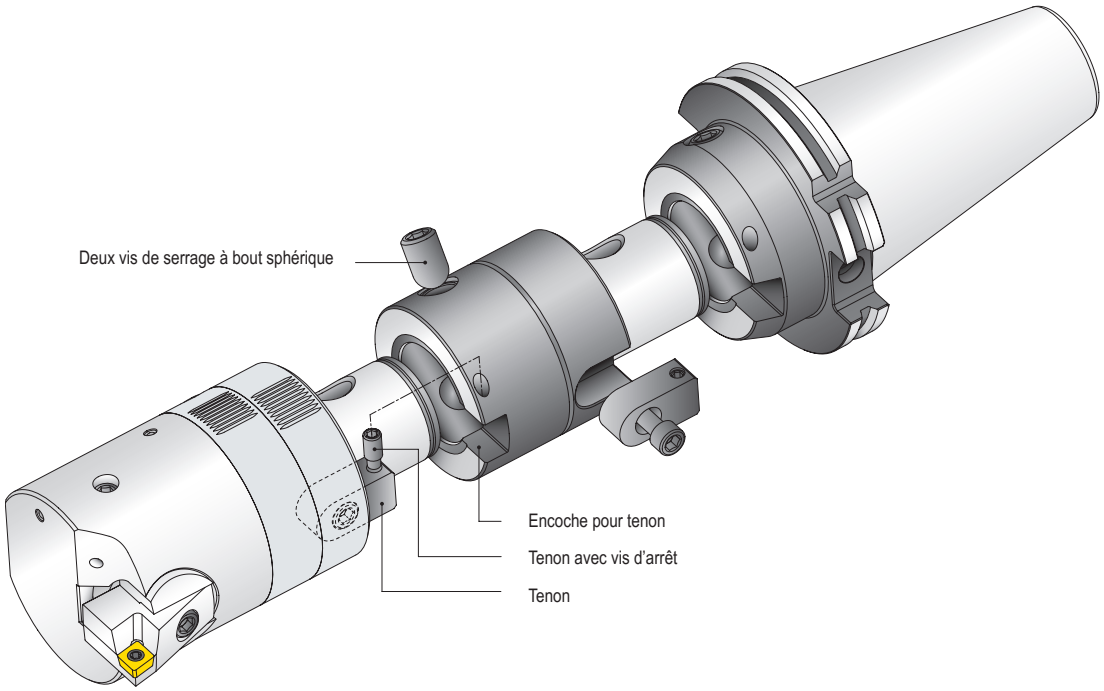
Pour les têtes d'alésage Steadyline® avec connexion GL côté machine, sélectionnez la barre Steadyline® la plus courte du catalogue Systèmes d'attachements. Cette barre est disponible avec connexion HSK-T/A et Seco-Capto™ côté machine. Il est possible d'équiper d'autres types de broches, en utilisant les adaptateurs Seco-Capto™ les plus courts.
Pour les têtes à aléser classiques (acier), sélectionner l'arbre et les intermédiaires Graflex® et Seco-Capto™ du catalogue Systèmes d'attachements.
Pour les semelles, voir les adaptateurs Graflex® et les porte-outils directs page(s) 621.

Remarque : les porte-semelles Jumbo sont conçus pour être montés dans des porte-outils standard ou fixés directement sur le nez de la broche machine.

Information sur le système classique de serrage Graflex® de type G.(utilisation du tenon et de la vis d'arrêt).

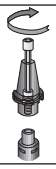
Pour l'alésage avec tête à aléser, il n'y a pas besoin de serrer la vis de rattrapage du jeu du tenon, le jeu de cette connexion se rattrape au serrage des vis à bout sphérique.
En alésage d'ébauche pour des applications intensives, nous recommandons d'appliquer les couples de valeur élevée pour les vis à bout sphérique Graflex®.

Voir également la « Procédure de montage de la connexion Graflex® » dans le catalogue Systèmes d'attachements.

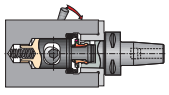


Information sur le système de connexion Seco-Capto™ de type C sur les têtes à aléser : pas de conseil particulier. Pour les têtes à aléser, les instructions générales sont applicables, voir page ci-dessous.

Couples de serrage pour les connexions Seco-Capto™ avec vis de serrage centrale (porte-outils de base, intermédiaires).

Taille Seco-Capto	Couple de serrage central (Nm)	Couple de serrage central (ft/lbs)	
C3	40-50	30-37	
C4	50-60	37-44	
C5	90-100	66-74	
C6	160-180	118-133	
C8	160-180	118-133	

Couples de serrage pour les connexions Seco-Capto™ avec serrage, actionné par un arbre à came de verrouillage de côté (Bride Monts).

Taille Seco-Capto	Couple de serrage (Nm)	Couple de serrage (ft/lbs)	
C3	35	26	
C4	50	37	
C5	70	52	
C6	90	66	
C8	130	96	

Caractéristiques du joint auto-serrant Seco-Capto™. Lorsque la vis centrale de serrage est utilisée, dévissez-la jusqu'à ce que la tête de l'écrou soit en contact avec le porte-outils, de sorte que le boulon oblige le joint torique à se séparer. Avec le système d'arbre à came, le déblocage de la partie came oblige le joint torique à se séparer.

Tableau des tolérances ISO

Tolérances Norme ISO pour les trous (µm)													
Trou ∅ mm (inch)	D10	E9	F7	F8	G7	G9	H6	H7	H8	H9	H10	H11	H12
≤ 3 *(0.118")*	+60 +20	+39 +14	+16 +6	+20 +6	+12 +2	+27 +2	+6 0	+10 0	+14 0	+25 0	+40 0	+60 0	+100 0
3 ≥ 6 *(0.236")*	+78 +30	+50 +20	+22 +10	+28 +10	+16 +4	+34 +4	+8 0	+12 0	+18 0	+30 0	+48 0	+75 0	+120 0
6 ≥ 10 *(0.394")*	+98 +40	+61 +25	+28 +13	+35 +13	+20 +5	+41 +5	+9 0	+15 0	+22 0	+36 0	+58 0	+90 0	+150 0
10 ≥ 18 *(0.708")*	+120 +50	+75 +32	+34 +16	+43 +16	+24 +6	+49 +6	+11 0	+18 0	+27 0	+43 0	+70 0	+110 0	+180 0
18 ≥ 30 *(1.181")*	+149 +65	+92 +40	+41 +20	+53 +20	+28 +7	+59 +7	+13 0	+21 0	+33 0	+52 0	+84 0	+130 0	+210 0
30 ≥ 50 *(1.969")*	+180 +80	+112 +50	+50 +25	+64 +25	+34 +9	+71 +9	+16 0	+25 0	+39 0	+62 0	+100 0	+160 0	+250 0
50 ≥ 65 *(2.559")*	+220 +100	+134 +60	+60 +30	+76 +30	+40 +10	–	+19 0	+30 0	+46 0	+74 0	+120 0	+190 0	+300 0
65 ≥ 80 *(3.150")*													
80 ≥ 100 *(3.937")*	+260 +120	+159 +72	+71 +36	+90 +36	+47 +12	–	+22 0	+35 0	+54 0	+87 0	+140 0	+220 0	+350 0
100 ≥ 120 *(4.724")*													
120 ≥ 140 *(5.512")*	+305 +145	+185 +85	+83 +43	+106 +43	+54 +14	–	+25 0	+40 0	+63 0	+100 0	+160 0	+250 0	+400 0
140 ≥ 160 *(6.299")*													
160 ≥ 180 *(7.087")*													
180 ≥ 200 *(7.874")*	+355 +170	+215 +110	+96 +50	+122 +50	+61 +15	–	+29 0	+46 0	+72 0	+115 0	+185 0	+290 0	+460 0
200 ≥ 225 *(8.858")*													
225 ≥ 250 *(9.843")*													
250 ≥ 280 *(11.0236")*	+400 +190	+240 +110	+108 +56	+137 +56	+69 +17	–	+32 0	+52 0	+81 0	+130 0	210 0	+320 0	+520 0
280 ≥ 315 *(12.402")*													
315 ≥ 355 *(13.976")*	+440 +210	+265 +125	+119 +62	+151 +62	+75 +18	–	+36 0	+57 0	+89 0	+140 0	+230 0	+360 0	+570 0
355 ≥ 400 *(15.748")*													

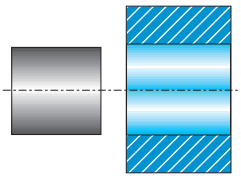
Tableau des tolérances ISO

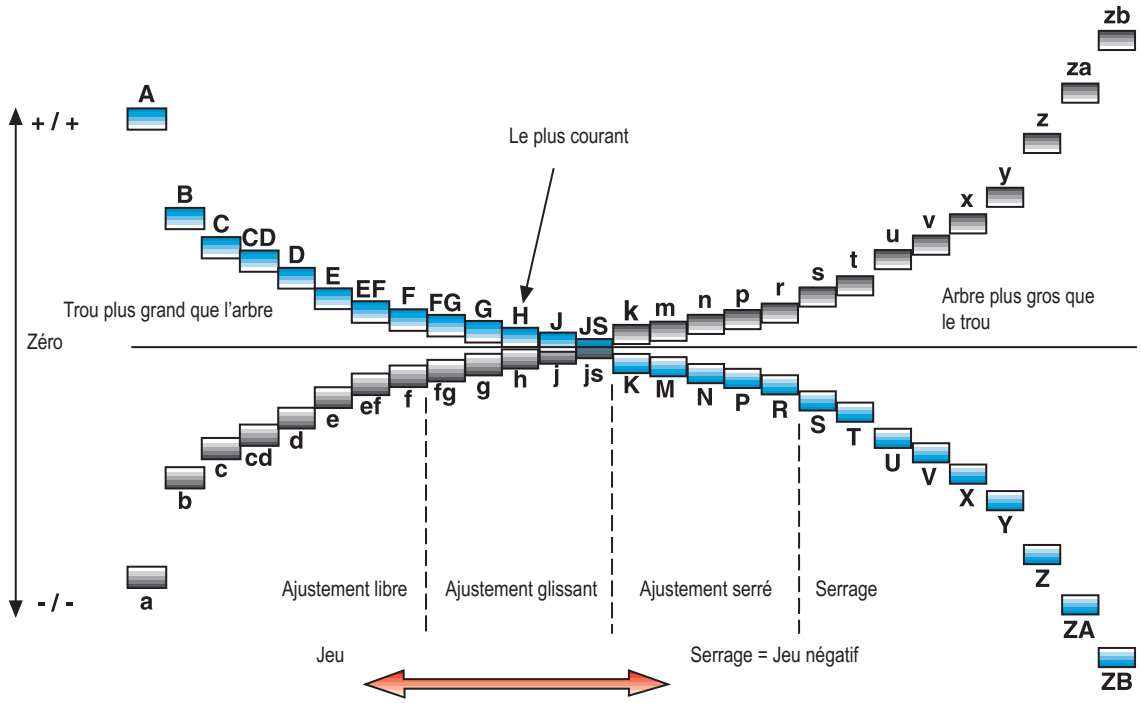
Tolérances Norme ISO pour les trous (µm)												
Trou ∅ mm (inch)	H13	JS7	JS9	K6	K7	M6	M7	N7	N9	P7	P9	R7
≤ 3 *(0.118")*	+140 0	+/-5	+/-12,5	0 -6	0 -10	-2 -8	-2 -12	-4 -14	-4 -29	-6 -16	-6 -31	-10 -20
3 ≥ 6 *(0.236")*	+180 0	+/-6	+/-15	+2 -6	+3 -9	-1 -9	0 -12	-4 -16	0 -30	-8 -20	-12 -42	-11 -23
6 ≥ 10 *(0.394")*	+220 0	+/-7,5	+/-18	+2 -7	+5 -10	-3 -12	0 -15	-4 -19	0 -36	-9 -24	-15 -51	-13 -28
10 ≥ 18 *(0.708")*	+270 0	+/-9	+/-21,5	+2 -9	+6 -12	-4 -15	0 -18	-5 -23	0 -43	-11 -29	-18 -61	-16 -34
18 ≥ 30 *(1.181")*	+330 0	+/-10,5	+/-26	+2 -11	+6 -15	-4 -17	0 -21	-7 -28	0 -52	-14 -35	-22 -74	-20 -41
30 ≥ 50 *(1.969")*	+390 0	+/-12,5	+/-31	+3 -13	+7 -18	-4 -20	0 -25	-8 -33	0 -62	-17 -42	-26 -88	-25 -50
50 ≥ 65 *(2.559")*	+460 0	+/-15	+/-37	+4 -15	+9 -21	-5 -24	0 -30	-9 -39	0 -74	-21 -51	-32 -106	-30 -62
65 ≥ 80 *(3.150")*												
80 ≥ 100 *(3.937")*	+260 +120	+159 +72	+71 +36	+90 +36	+47 +12	–	+22 0	+35 0	+54 0	+87 0	+140 0	+350 0
100 ≥ 120 *(4.724")*												
120 ≥ 140 *(5.512")*	+305 +145	+185 +85	+83 +43	+106 +43	+54 +14	–	+25 0	+40 0	+63 0	+100 0	+160 0	+400 0
140 ≥ 160 *(6.299")*												
160 ≥ 180 *(7.087")*												
180 ≥ 200 *(7.874")*	+355 +170	+215 +110	+96 +50	+122 +50	+61 +15	–	+29 0	+46 0	+72 0	+115 0	+185 0	+460 0
200 ≥ 225 *(8.858")*												
225 ≥ 250 *(9.843")*												
250 ≥ 280 *(11.0236")*	+400 +190	+240 +110	+108 +56	+137 +56	+69 +17	–	+32 0	+52 0	+81 0	+130 0	210 0	+520 0
280 ≥ 315 *(12.402")*												
315 ≥ 355 *(13.976")*	+440 +210	+265 +125	+119 +62	+151 +62	+75 +18	–	+36 0	+57 0	+89 0	+140 0	+230 0	+570 0
355 ≥ 400 *(15.748")*												

Tolérance ISO Standard pour trous et attachements – Tolérances d'arbre

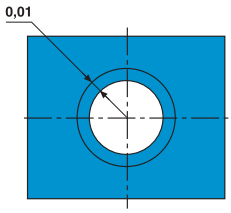
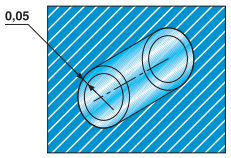
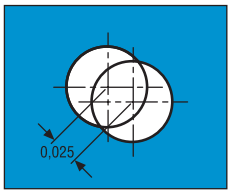
La tolérance de l'arbre est définie par une **lettre minuscule**

La tolérance de l'alésage est définie par une **LETTRE MAJUSCULE**





Tolérance géométrique

	Symbole graphique	Plage de tolérance
Circularité	0,01 mm *(0.0004")*	
Cylindricité	0,05 mm *(0.0020")*	
Positionnement - Localisation	0,05 mm *(0.0020")*	

Aciers, aciers inoxydables ferritiques et martensitiques.

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
P1	Aciers de bonne usinabilité hors aciers inox.	$360 < R_m < 880$	11 SMn30 $R_m = 385$ N/mm²	1500	0,14
P2	Aciers ferritiques faiblement alliés, C < 0,25%wt Alliage faible pour les aciers de construction généraux	$320 < R_m < 600$	S235JRG2 $R_m = 420$ N/mm²	1600	0,23
P3	Aciers ferritiques & perliques, C < 0,25%wt pour les aciers de construction généraux Aciers cémentés	$430 < R_m < 610$	16 MnCr 5 $R_m = 550$ N/mm²	1800	0,14
P4	Aciers de construction, faiblement alliés, 0.25% < C < 0.67%wt Aciers trempés et revenus faiblement alliés	$520 < R_m < 1200$	C 45E $R_m = 660$ N/mm²	2000	0,15
P5	Aciers de construction, 0.25% < C < 0.67%wt Aciers trempés et revenus	$550 < R_m < 1200$	42 CrMo 4 $R_m = 700$ N/mm²	2020	0,18
P6	Aciers ferritiques faiblement alliés, C > 0.67%wt Aciers à roulement et à ressort, faiblement alliés	$520 < R_m < 1200$	C 100S $R_m = 600$ N/mm²	2100	0,17
P7	Aciers ferritiques, C > 0.67%wt Aciers à roulement et à ressort, faiblement alliés	$600 < R_m < 1200$	100 Cr 6 $R_m = 650$ N/mm²	2160	0,17
P8	Acier pour outils Aciers grande vitesse (HSS)	$600 < R_m < 1200$	X 40 CrMoV 5 1 $R_m = 700$ N/mm²	2400	0,20
P11	Aciers inoxydables ferritiques & martensitiques	$415 < R_m < 1200$	X 20 Cr 13 $R_m = 675$ N/mm²	2000	0,15
P12	Aciers maraging et inoxydables traités par précipitation	$500 < R_m < 1200$	X 5 CrNiCuNb 16 4 $R_m = 1100$ N/mm²	2100	0,17

Aciers de bonne usinabilité, de décolletage, duplex et inox

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
M1	Aciers inoxydables austénitiques faciles.		X 10 CrNi 18 9	1700	0,14
M2	Aciers inoxydables austénitiques faiblement alliés		X 5 CrNiS 18 10	1920	0,18
M3	Aciers inoxydables austénitiques, moyennement alliés		X 2 CrNiMo 18 14 3	2070	0,17
M4	Aciers inoxydables austénitiques & duplex fortement alliés		X 2 CrNiMoN 22 5 3	2230	0,16
M5	Aciers inoxydables austénitiques et duplex très difficiles & fortement alliés.		X 2 CrNiMoN 25 7 4	2510	0,13

Fontes

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
K1	Fontes grises (GCI)		EN-GJL-250	930	0,32
K2	Fers à graphite compacté (CGI)		EN-GJV-400	1000	0,35
K3	Fonte malléable (MCI)		EN-GJMB-550-4	1050	0,37
K4	Fonte nodulaire (SGI)		EN-GJS-500-7	1160	0,37
K5	Fonte austénitique et bainitique (ADI)		EN-GJS-1000-5	0	
K6	Fontes lamellaires austénitiques		EN-GJLA-XNiCuCr15-6-2	0	
K7	Fontes nodulaire austénitiques		EN-GJSA-XNiMn23-4	0	

Métaux non-ferreux

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
N1	Alliages d'aluminium, Si < 9%		AW-7075	0	
N2	Alliages d'aluminium, 9% < Si < 16%		AC-44200 Si = 12%	0	
N3	Alliages d'aluminium, Si > 16%		AlSi17Cu5	0	
N11	Alliages de cuivre		CW614N	740	0,26

Superalliages et titane

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
S1	Superalliages à base de fer		Discalloy	0	
S2	Superalliages à base de Cobalt		Stellite 21	0	
S3	Superalliages à base de Nickel		Inconel 718	2530	0,21
S11	Titane, faiblement allié, (α)		Ti	0	
S12	Titane, moyennement allié, (α+β)		TiAl6V4	1500	0,24
S13	Titane, fortement allié, (près de β et β)		Ti10V2Fe3Al	0	

Matériaux durs

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
H3	Aciers cémentés	58 < HRC < 62	16 MnCr 5 60 HRC	2070	0,14
H5	Aciers trempés & revenus	38 < HRC < 56	42 CrMo 4 50 HRC	2320	0,18
H7	Aciers trempés & revenus Aciers à roulement	56 < HRC < 64	100 Cr 6 60 HRC	2480	0,17
H8	Acier à outils Aciers grande vitesse (HSS)	38 < HRC < 64	X 40 CrMoV 5 1 50 HRC	2750	0,20
H11	Aciers inoxydables martensi-tiques.	38 < HRC < 50	X 20 Cr 13 45 HRC	2300	0,15
H12	Aciers inoxydable martensitiques à durcissement par précipitation	1200 < R_m < 1650	X 5 CrNiCuNb 16 4 R_m = 1450 N/mm^2	2410	0,17
H21	Aciers au manganèse	23 < HRC < 64	X 120 Mn 12 50 HRC	0	
H31	Fonte blanche	50 < HRC < 64	EN-GJN-HV600(XCr11) 55 HRC	0	

Autres matériaux difficiles

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
PM1	Aciers faiblement alliés pour les matériaux PM		F-0008 Fe-0.7C	0	
PM2	Alliages moyen pour les maté-riaux PM		FLC-4608 Fe2Cu1.8Ni 0.5Mo0.2Mn0.8C	0	
PM3	Aciers fortement alliés pour les matériaux PM Les matériaux de siège de soupape d'échappement, etc.			0	
HF1	Alliage à revêtement dur Alliages à base de fer soudés ou plasma déposé			0	
HF2	Alliage à revêtement dur Alliages à base de cobalt ou nickel soudés ou plasma déposé			0	
CC1	Carbure de tungstène fritté		G50	0	

Plastiques & Composites

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
TS1	Les polymères thermodurcissables		Urea formaldehyde (UF)	0	
TS2	Composites en fibres de carbone thermodurcissables		T300 T700 T800 HTA-S IMA - Epoxy (M21)...	0	
TS3	Composites en fibres de verre thermodurcissables		Epoxy - HX..(42..)/ verre E (7781...)...	0	
TS4	Composites de fibres d'aramide thermodurcissables		Kevlar 49	0	
TP1	Les polymères thermoplastiques		Polycarbonate (PC)	0	
TP2	Composites en fibres de carbone thermoplastiques		PPS/PEEK - T300..	0	
TP3	Composites en fibres de verre thermoplastiques		PPS/PEEK - verre E ou verre A...	0	
TP4	Composites en fibres d'aramide thermoplastiques			0	

Graphite

SMG	Description	Propriétés	DIN	$k_{c1.1}$	m_c
GR1	Graphite		R 8500	0	

SMG

SMG	EN	EN-Nr	W.-Nr	DIN	AFNOR	BS	UNI	JIS	SS	UNS
	11 SMn 30	1,0715	1,0715	9 SMn 28	S 250	230 M 07	CF 9 SMn 28	SUM 22	1912	G12130
	11 SMnPb 30	1,0718	1,0718	9 SMnPb 28	S 250 Pb		CF 9 SMnPb 28	SUM 22 L	1914	G12134
	10 S 20	1,0721	1,0721	10 S 20	10 F 1	210 M 15	CF 10 S 20			
			1,0722	10 SPb 20	10 PbF 2		CF 10 SPb 20			
P1	15 SMn 13	1,0725	1,0723	15 S 20		210 A 15		SUM 32	1922	
	35 S20	1,0726	1,0726	35 S 20	35 MF 4	212 M 36			1957	G11400
	46 S20	1,0727	1,0727	46 S 20	45 MF 4	212 M 44			1973	G11460
	11 SMn 37	1,0736	1,0736	9 SMn 36	S 300	240 M 07	CF 9 SMn 36			G12150
	11 SMn 37	1,0736	1,0736	9 SMn 36	S 300	240 M 07	CF 9 SMn 36			G12150
	S235JR	1,0037	1,0037	St 37-2	E 24-2		Fe 360 B	STKM 12 C	1311	
	S235JRG2	1,0038	1,0116	St 37-3	E 24-3, E 24-4	4360-40 C	Fe 360 D FF		1312, 1313	
	S275J2G3	1,0144	1,0144	St 44-3 N	E 28-3, E 28-4	4360-43 C	Fe 430 D FF	SM 41 C	1412, 1414	
	C 10	1.0301	1,0301	C 10	34 C 10, XC 10	045 M 10	C 10	S 10 C		G10100
P2			1,0401	C 15	37 C 12, XC 18	080 M 15	C 15, C 16		1350	G10170
	C22	1,0402	1,0402	C 22	C 20	050 A 20	C 20, C 21		1450	G10200
	S355JR	1,0570	1,0570	St 52-3	E 36-3, E 36-4	4360-50 C	Fe 510 B	SM 50 YA	2172, 2132	
	C 15R	1,1141	1,1141	Ck 15	XC 15, XC 18	080 M 15	C 15, C 16	S 15 C, S 15 CK	1370	G10170
			1,1158	Ck 25	XC 25	060 A 25	C 25	S 25 C		G10250
			1,2162	21 MnCr 5	20 NC 5			SCR 420 H		
	16 Mo 3	1,5415	1,5415	15 Mo 3	15 D 3	1501-240	16 Mo 3		2912	
			1,5423	16 Mo 5		1503/-245-420	16 Mo 5	SB 450 M		G45200
	14 NiCr 14	1,5752	1,5752	14 NiCr 14	12 NC 15	655 M 13		SNC 815 (H)		G33106
			1,5919	15 CrNi 6	16 NC 6	S 107	16 CrNi 4			
	18 NiCrMo 7 6	1.6587	1,6587	18 CrNiMo 7 6	18 NCD 6	820 A 16	18 NiCrMo 7			
P3	16 MnCr 5	1,7131	1,7131	16 MnCr 5	16 MC 5	527 M 17	16 MnCr 5	SCR 415	2511	G51170
	16 MnCrS 5	1,7139	1,7139	16 MnCrS 5						
	20 MnCr 5	1,7147	1,7147	20 MnCr 5	20 MC 5		20 MnCr 5	SMnC 420 (H)		G51200
	20 MnCrS 5	1,7149	1,7149	20 MnCrS 5	20 MnCrS 5			SMnC 21 H		
	13 CrMo 4 5	1,7335	1,7335	13 CrMo 4 4	15 CD 3.5	1501-620 Gr. 27	14 CrMo 4 5		2216	
			1,7337	16 CrMo 4 4	15 CD 4.5	1501-620 Gr. 27	14 CrMo 4 5		2216	
	10 CrMo 9 10	1,7380	1,7380	10 CrMo 9 10	10 CD 9.10	1501-622 Gr. 31	12 CrMo 9 10		2218	J21890
	C35		1,0501	C 35	55 C 35	060 A 35	C 35		1550	G10350
	E 335	1,0503	1,0503	C 45	65 C 45	80 M 46	C 45	S 45 C	1650	G10430
	C40		1,0511	C 40	60 C 40	080 M 40	C 40	S 40 C		
	E 360	1,0070	1,0535	St 70-2	A 70-2		Fe 690		1655	
	C60	1,0601	1,0601	C 60	CC 55	080 A 62	C 60			G10600
P4			1,1157	40 Mn 4	35 M 5	150 M 36				G10390
	G 28 Mn6	1,1165	1,1165	30 Mn 5		120 M 36		SMn 1 H, SCMn 2		G13300
	C 35E	1,1181	1,1181	Ck 35	XC 38 H1	080 M 36	C 35	S 35 C	1572	G10340
	C 45E	1,1191	1,1191	Ck 45	XC 42	080 M 46	C 45	S 45 C	1672	G10420
	C 60E	1,1221	1,1221	Ck 60	XC 60	080 A 62	C 60	S 58 C	1665, 1678	G10640
			1,1740	C 60 W	Y3 55			SK 7		
	55 SiCr7	1,7100	1,0904	55 Si 7	55 S 7	250 A 53	55 Si 8		2085, 2090	
			1,2330	35 CrMo 4	34 CD 4	708 A 37	35 CrMo 4		2234	T51620
			1,2542	45 WCrV 7		BS 1	45 WCrV 8 KU		2710	T41901
		1,2714	1,2714	56 NiCrMoV 7		BH 224-5	56 NiCrMoV7-KU	SKT 4		T61206
			1,5121	46 MnSi 4						
			1,5710	36 NiCr 6	35 NC 6	640 A 35		SNC 236		
			1,5736	36 NiCr 10	35 NC 11		35 NiCr 9	SNC 631 (H)		
	36 CrNiMo 4		1,6511	36 CrNiMo 4	40 NCD 3	816 M 40	38 NiCrMo 4 (KB)			G98400
P5	34 CrNiMo 6	1,6582	1,6582	34 CrNiMo 6	35 NCD 6	817 M 40	35 NiCrMo 6 (KW)	SNCM 447	2541	G43400
	34 Cr 4	1,7033	1,7033	34 Cr 4	32 C 4	530 A 32	34 Cr 4 (KB)	SCR 430 (H)		G51320
	41 Cr 4	1,7035	1,7035	41 Cr 4	42 C 4	530 M 40	41 Cr 4	SCR 440 (H)		G51400
	25 CrMo 4	1,7218	1,7218	25 CrMo 4	25 CD 4 S	708 M 25	25 CrMo 4 (KB)	SCM 425	2225	G41300
	42 CrMo 4	1,7225	1,7225	42 CrMo 4	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	2244	G41400
	42 CrMo 4	1,7225	1,7225	42 CrMo 4	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	2244	G41400
			1,7361	32 CrMo 12	30 CD 12	722 M 24	32 CrMo 12		2240	
	50 CrV 4	1,8159	1,8159	50 CrV 4	50 CV 4	735 A 50	51 CrV 4	SUP 10	2230	H61500
	41 CrAlMo 7 10	1,8509	1,8509	41 CrAlMo 7	40 CAD 6.12	905 M 39	41 CrAlMo 7	SACM 645	2940	K24065
	C 67S	1,1231	1,1231	Ck 67	XC 68	060 A 67	C 70		1770	G10700
	C 100S	1,1274	1,1274	Ck 101		060 A 96		SUP 4	1870	G10950
P6	C 105U	1,1545	1,1545	C 105 W1	Y1 105		C 100 KU		1880	
			1,1645	C 105 W2	Y1 105		C 100 KU	SK 3		
			1,1663	C 125 W	Y2 120		C 120 KU	SK 2		

SMG

U.N.E./ I.H.A.	AISI / ASTM	GOST	ČSN	Divers Marques	Condition	Structure
	1213				Recuit	
	12 L 13				Recuit	
	1108				Recuit	
	11 L 08				Recuit	
					Recuit	
	1140	40			Recuit	
	1146				Recuit	
	1215				Recuit	
	12 L 14				Recuit	
		16D			Recuit	
	A573 Nuance 58	18kp	11 378		Recuit	
	A573 Nuance 70	St14kP	11 448		Recuit	
	1010	10			Recuit	
F.1110	1015	15			Recuit	
	1020, 1023	20	12 024		Recuit	
		17G1S	11 523		Recuit	
F.1511	1015	15			Recuit	
F.1120	1025	25			Recuit	
					Recuit	
	A204 Nuance A		15 020		Recuit	
	4520				Recuit	
	3310, 9314	20X2H4A	16 420		Recuit	
	4320		16 220		Recuit	
					Recuit	
F.1516	5115	12KHN2	14 220		Recuit	
		18HG			Recuit	
	5120	20KH	14 221		Recuit	
	5120 H	20KH			Recuit	
	A182-F11, A182-F12	12KHM	15 121		Recuit	
	A387 Nuance 12 Cl. 2				Recuit	
F.155	A182-F22	12KH8	15 313		Recuit	
F.1130	1035	35	12 040		Recuit	
F.5110	1045	45	12 050		Recuit	
	1040	40	12 041		Recuit	
F.1150	1055	55			Recuit	
	1060	60	12 061		Recuit	
	1039	40G			Recuit	
	1330	30G2			Recuit	
F.1135	1035	35			Recuit	
F.1140	1045	45	12 050		Recuit	
F.1150	1064	60			Recuit	
	1060	60			Recuit	
F.144	9255	55S2			Recuit	
F.1250	4135	35KHM			Recuit	
F.5241	S1	5KHV2S			Recuit	
	L6	5KHNV			Recuit	
	5045				Recuit	
	3135				Trempé & revenu	
	3435				Recuit	
	9840				Trempé & revenu	
F.1280	4340	38H2N2MA	16 343		Recuit	
	5132	35KH			Trempé & revenu	
	5140	40H	14 140		Trempé & revenu	
F.1251	4130	20KHM	15 130		Trempé & revenu	
F.1252	4142, 4140	38HM	15 142		Recuit	
F.1252	4142, 4140	38HM	15 142		Trempé & revenu	
					Trempé & revenu	
F.143	6150	50KHFA	15 260		Trempé & revenu	
F.1740	A355 Cl. A				Recuit	
F.5103	1070	70			Recuit	
F.5117	1095				Recuit	
F.5118	W1	U10A			Recuit	
		U10			Recuit	
	W1	U13			Recuit	

SMG

SMG	EN	EN-Nr	W.-Nr	DIN	AFNOR	BS	UNI	JIS	SS	UNS
P7	107 CrV 3	1,2210	1,2210	115 CrV 3	100 C 3		107 CrV 3 KU			T61202
			1,2510	100 MnCrW 4	90 MWCV 5	BO 1	95 MnWCr 5 KU	SKS 3	2140	T31501
	90 MnCrV 8	1.2842	1,2842	90 MnCrV 8	90 MV 8	BO 2	90 MnVCr 8 KU			T31502
	100 Cr 6	1,3505	1,3505	100 Cr 6	100 C 6	534 A 99	100 Cr 6	SUJ 2	2258	G51986
P8	X 210 Cr 12	1,2080	1,2080	X 210 Cr 12	Z 200 C 12	BD 3	X 210 Cr 13 KU	SKD 1		T30403
			1,2343	X 38 CrMoV 5 1	Z 38 CDV 5	BH 11	X 37 CrMoV 5 1 KU	SKD 6		T20811
	X 40 CrMoV 5 1	1,2344	1,2344	X 40 CrMoV 5 1	Z 40 CDV 5	BH 13	X 40 CrMo 5 1 1 KU	SKD 61	2242	T20813
	X 100 CrMoV 5	1,2363	1,2363	X 100 CrMoV 5 1	Z 100 CDV 5	BA 2	X 100 CrMoV 5 1 KU	SKD 12	2260	T30102
			1,2365	X 32 CrMoV 3 3	32 DCV 28	BH 10	30 CrMoV 12 27 KU	SKD 7		T20810
			1,2436	X 210 CrW 12			X 215 CrW 12 1 KU	SKD 2	2312	
			1,2601	X 165 CrMoV 12			X 165 CrMoW 12 KU		2310	
			1,2713	55 NiCrMoV 6	55 NCDV 7			SKT 4		T61206
	HS 6-5-2-5	1,3243	1,3243	S 6-5-2-5	Z 85 WDKCV 06-05-05-04-02		HS 6-5-2-5	SKH 55	2723	
	HS 2-10-1-8	1,3247	1,3247	S 2-10-1-8	Z 110 DKCWV 09-08-04	BM 42	HS 2-9-1-8	SKH 51		T11342
	HS 18-1-2-5	1,3255	1,3255	S 18-1-2-5	Z 80 WKCV 18-05-04-01	BT 4	HS 18-1-1-5	SKH 3		T12004
	HS 6-5-2	1,3343	1,3343	S 6-5-2	Z 85 WDCV 06-05-04-02	BM 2	HS 6-5-2	SKH 9, SKH 51	2722	T11302
	HS 2-9-2	1,3348	1,3348	S 2-9-2	Z 100 DCWV 09-04-02-02		HS 2-9-2	SKH 58	2782	T11307
	HS 18-0-1	1,3355	1,3355	S 18-0-1	Z 80 WCV 18-04-01	BT 1	HS 18-0-1	SKH 2		T12001
P11	X 6 Cr 13	1,4000	1,4000	X 6 Cr 13	Z 6 C 12	403 S 17	X 6 Cr 13	SUS 403	2301	S41008
	X 12 Cr 13	1,4006	1,4006	X 10 Cr 13	Z 10 C 13	410 S 21	X 12 Cr 13	SUS 410	2302	S41000
	X 6 Cr 17	1,4016	1,4016	X 6 Cr 17	Z 8 C 17	430 S 15	X 8 Cr 17	SUS 430	2320	S43000
	X 20 Cr 13	1,4021	1,4021	X 20 Cr 13	Z 20 C 13	420 S 37	X 20 Cr 13	SUS 420 J 1	2303	S42000
	X 39 Cr 13	1,4031	1,4031	X 40 Cr 13	Z 40 C 14	420 S 45	X 40 Cr 14	SUS 420	2304	S40280
	X 70 CrMo 15	1,4109	1,4109	X 65 CrMo 14	Z 70 D 14			SUS 440 A		S44002
	X 90 CrMoV 18	1,4112	1,4112	X 90 CrMoV 18	Z 2 CND 18 05	409 S 19	X CrTi 12	SUS 440 B	2327	S44003
	X 105 CrMo 17	1,4125	1,4125	X 105 CrMo 17	Z 100 CD 17		X 105 CrMo 17	SUS 440 C		S44004
	X 3 CrNIMo 13 3	1,4313	1,4313	X 5 CrNi 13 4	Z 5 CN 13.4	425 C 11	X 6 CrNi 13 04	SCS 5	2385	S41500
	X 18 CrN 28	1,4749	1,4749	X 18 CrN 28	Z 18 C 25				2322	S44600
P12	X 6 NiCrTiMoV 25 15	1.4534	1,4534	X 3 CrNiMoAl 13 8 2						S13800
	X 4 CrNiCuNb 16 4	1,4540	1,4540	X 4 CrNiCuNb 16 4						S15500
		1,4540	1,4540	X 4 CrNiCuNb 16 4	Z 4 CNUNb 16.4 M					S15500
	X 4 CrNiCuNb 16 4	1,4540	1,4540	X 4 CrNiCuNb 16 4						S15500
	X 5 CrNiCuNb 16 4	1,4542	1,4542	X 5 CrNiCuNb 16 4				SUS 630		S17400
	X 5 CrNiCuNb 17 4	1,4548	1,4542	X 5 CrNiCuNb 17 4	Z 6 CNU 17.4			SCS 24, SUS 630		S17400
	X 7 CrNiAl 17 7	1.4564	1,4564	X 7 CrNiAl 17 7	Z 9 CAN 17.7	301 S 81	X 7 CrNiAl 17 7	SUS 631	2388	S17700
	X 2 NiCoMoTi 18 12 4	1,6356	1,6356	X 2 NiCoMoTi 18 12 4						K93160
	X 2 NiCoMoTi 18 9 5	1,6358	1,6358	X 2 NiCoMoTi 18 9 5	Z 2 NKD 19-09					K93120
	X 2 NiCoMo 18 9 5	1,6358	1,6358	X 2 NiCoMoTi 18 9 5	Z 2 NKD 19-09					K93120
	X 2 NiCoMo 18 8 5	1,6359	1,6359	X 2 NiCoMo 18 8 5		S 162				K92890
	X 2 NiCoMo 18 8 5	1,6359	1,6359	X 2 NiCoMo 18 8 5		S 162				K92890
M1	X 10 CrNiS 18 9	1,4305	1,4305	X 10 CrNiS 18 9	Z 10 CNF 18.09	303 S 31	X 10 CrNi 18 09	SUS 303	2346	S30300
M2	X 2 CrNi 19 11	1,4306	1,4306	X 2 CrNi 19 11	Z 2 CN 18.10	304 S 12	X 3 Cr Ni 18 11	SUS 304 L	2352	S30403
	X 5 CrNi 18 10	1,4301	1,4301	X 5 CrNi 18 10	Z 6 CN 18.09	304 S 31	X 5 CrNi 18 11	SUS 304	2333	S30400
	X 5 CrNiMo 17 12 2	1,4401	1,4401	X 5 CrNiMo 17 12 2	Z 3 CND 17.11.1	316 S 31	X 5 CrNIMo 17 12	SUS 316	2347	S31600
	X 6 CrNiNb 18 10	1,4550	1,4550	X 6 CrNiNb 18 10	Z 6 CNNb 18.10	347 S 31	X 6 CrNiNb 18 11	SUS 347	2338	S34700
	X 9 CrNi 18 8	1,4310	1,4310	X 12 CrNi 17 7	Z 12 CN 17.07	301 S 21	X 12 CrNi 17 07	SUS 301	(2331)	S30100
	X 12 CrNi 18 8	1,4300	1,4300	X 12 CrNi 18 8	Z 12 CN 18	302 S 25		SUS 302	2331	S30200
M3	X 2 CrNiMo 18 14 3	1,4435	1,4435	X 2 CrNiMo 18 14 3	Z 2 CND 17.13	316 S 12	X 2 CrNiMo 17 13 2	SCS 16, SUS 316 L	2353	S31603
	X 2 CrNiMoN 17 13 3	1,4429	1,4429	X 2 CrNiMoN 17 13 3	Z 2 CND 17.13 Az	316 S 62	X 2 CrNiMoN 17 13 3	SUS 316 LN	2375	S31653
	X 2 CrNiN 18 10	1,4311	1,4311	X 2 CrNiN 19 11	Z 2 CN 18 .10 Az	304 S 62	X 2 CrNiN 18 11	SUS 304 LN	2371	S30453
	X 3 CrNiMo 18 12 3	1,4466	1,4466	X 5 CrNi 18 15		317 S 16	X 5 CrNi 18 15	SUS 317	2366	S31700
	X 9 CrNiSiNCe 21 11 2	1.4835	1,4893	X 9 CrNiSiNCe 21 11 2		310 S 31			2368	S30815
	X 12 CrNi 25 21	1,4335	1,4335	X 12 CrNi 25 21	Z 12 CN 25.20	310 S 24	X 6 CrNi 26 20	SUH 310, SUS 310 S	2361	S31008
M4	X 2 CrNiMoN 22 5 3	1,4462	1,4462	X 2 CrNiMoN 22 5	Z 2 CND 22.05 Az	332 S 15	X 2 CrNiMoN 22 5		2377	S31803
	X 2 CrNiMoSi 19 5	1.4424	1,4417	X 2 CrNiMoSi 19 5	Z 2 CND 18.05.03				2376	S31500
	X 2 NiCrMoCu 25 20 5	1,4539	1,4539	X 2 NiCrMoCu 25 20 5	Z 2 NCDU 25 20	904 S 13			2562	N08904
	X 3 CrNiMo 27 5 2	1,4460	1,4460	X 4 CrNiMo 27 5 2	Z 3 CND 25.7 Az		X 3 CrNiMo 27 5 2	SUS 329 J 1	2324	S32900
	X 5 CrNiCuNb 16 4	1,4980	1,4943	X 4 NiCrTi 25 15	Z 6 NCTDV 25.15	HR 51		SUH 660	2570	S66286
M5	X 1 CrNiMoN 20 18 7	1,4547	1,4529	X 1 CrNiMoN 20 18 7	Z 1 CNDU 20.18.05 Az		X 1 CrNiMoN 20 18 7		2778	S31254
	X 1 CrNiMoN 25 22 8	1,4652	1,4652	X 2 CrNiMoN 25 22 7						S32654
	X 10 NiCrAlTi 32 20	1.4876	1,4876	X 10 NiCrAlTi 32 20	Z 10 NC 32.21			NCF 800		N08800
	X 2 CrNiMoN 25 7 4	1,4410	1,4410	X 2 CrNiMoN 25 7 4	Z 3 CND 25.07 Az		X 2 CrNiMoN 25 7 4		2328	S32750

SMG

U.N.E./ I.H.A.	AISI / ASTM	GOST	ČSN	Divers Marques	Condition	Structure
F.520L	L2	11KHF			Recuit	
F.5220	O1	9KHVG			Recuit	
	O2	9G2F			Recuit	
F.5230	52100	SHKH15	14 109		Recuit	
F.5212	D3	KH12			Recuit	
	H11	4KH5MFS			Recuit	
F.5318	H13	4KH5MF1S			Recuit	
F.5227	A2	9KH5VF			Recuit	
	H10	3KH3M3F			Recuit	
F.5213		KH12			Recuit	
		KH12MF			Recuit	
F.520.S	L6	5KHNM			Recuit	
F.5613	M35	R6M5K5			Recuit	
	M42	R2AM9K5			Recuit	
	T4	R18K5F2			Recuit	
F.5603	M2	R6M5			Recuit	
	M7				Recuit	
	T1	R18			Recuit	
	403	08KH13			Recuit	Ferritique
F.3401	410, CA-15	12KH13, 08KH13			Recuit	Martensitique
F.3113	430	12KH17			Recuit	Ferritique
F.5261	420	20KH13	17 022		Recuit	Martensitique
F.3404	420	40KH13			Recuit	Martensitique
	440 A				Recuit	Martensitique
	440 B	95KH18			Recuit	Martensitique
	440 C	95KH18			Recuit	Martensitique
	A182 F6NM			F6NM	Recuit	Martensitique
	446	15KH28			Recuit	Ferritique
	XM-13			PH 13-8 Mo	Solution recuite	Austénitique
	XM-12			15-5-PH	H1150	Martensitique
	XM-12			15-5 PH	Solution recuite	Martensitique
	XM-12			15-5 PH	H1025	Martensitique
	SAE 630			17-4 PH	H1150	Martensitique
	630			17-4 PH	Solution recuite	Martensitique
	631	09KH17N7YU1		17-7 PH	Solution recuite	Austénitique/Ferritique
	AMS 6515			Maragin 350	Solution recuite	Martensitique
	AMS 6521			Maragin 300	Solution recuite	Martensitique
	AMS 6514			Maragin 300, Vascomax C300	Solution recuite	Martensitique
	AMS 6512			Maragin 250	Solution recuite	Martensitique
	AMS 6512			Maragin 250, Vascomax C250	Solution recuite	Martensitique
F.3508	303	12KH19N9			Recuit	Austénitique
F.3504	304 L	03KH18N11			Recuit	Austénitique
F.3504	304	08KH18N10	17 240		Recuit	Austénitique
F.3534	316	08KH17H13M2T	17 346		Recuit	Austénitique
F.3524	347	08KH18N12B			Recuit	Austénitique
F.3517	301	07KH16N6			Recuit	Austénitique
	302	12KH18N9			Recuit	Austénitique
F.3533	316 L	03KH17N14M3	17 349		Recuit	Austénitique
	316 LN	03KH16N15M3			Recuit	Austénitique
F.3541	304 LN	03KH18N11			Recuit	Austénitique
	317	08KH17H15M3T			Recuit	Austénitique
				253 MA	Recuit	Austénitique
	310 S	12KH25N20			Recuit	Austénitique
	329 LN			SAF 2205	Recuit	Duplex
				3RE60	Recuit	Duplex
	904L				Recuit	Super austénite
	329				Recuit	Duplex
	660			A286	Solution recuite	Austénitique
				254 SMO	Recuit	Super austénite
				654 SMO	Recuit	Super austénite
				Alliage 800	Recuit	Austénitique
	F 53			SAF 2507	Recuit	Super duplex

SMG

SMG	EN	EN-Nr	W.-Nr	DIN	AFNOR	BS	UNI	JIS	SS	UNS
K1	EN-GJL-150	0,6150	0,6150	GG-15	Ft 15 D	Nuance 150	G15	FC 150	01 15-00	F11601
	EN-GJL-200	0,6200	0,6200	GG-20	Ft 20 D	Nuance 220	G20	FC 200	01 20 -00	F12101
	EN-GJL-250	0,6250	0,6250	GG-25	Ft 25 D	Nuance 260	G25	FC 250	01 25-00	F12401
	EN-GJL-350	0,6350	0,6350	GG-35	Ft 35 D	Nuance 350	G35	FC 350	01 35-00	F13502
	EN-GJL-215			GG-220 HB					02 19	
K2	EN-GJV-300			GJV-300						
	EN-GJV-350			GJV-350						
	EN-GJV-400			GJV-400						
	EN-GJV-450			GJV-450						
	EN-GJV-500			GJV-500						
K3	EN-GJMB-550-4	0,8155		GTS-55-04	P 540/5	P 540/5	P 55-04	PCMP55-04	08 54-00	F24130
K4	EN-GJS-350-22	0,7033	0,7033	GGG-35.3	FGS 370-17	Nuance 350/22		FCD 350-22L	07 17-15	
	EN-GJS-400-15	0,7040	0,7040	GGG-40	FGS 400-12	Nuance 420/12	GS 400-12	FCD 400-18L	07 17-02	F32800
	EN-GJS-400-18	0,7043	0,7043	GGG-40.3	FGS 370-17	Nuance 370/17	GSO 42/17		07 17 -12	F32800
	EN-GJS-500-7	0,7050	0,7050	GGG-50	FGS 500-7	Nuance 500/7	GS 500-7	FCD 500-7	07 27-02	F33800
	EN-GJS-600-3	0,7060	0,7060	GGG-60	FGS 600-3	Nuance 600/3	GS 600-3	FCD 600-3	07 32-03	F34100
	EN-GJS-700-2	0,7070	0,7070	GGG-70	FGS 700-2	Nuance 700/2	GS 700-2	FCD 700-2	07 37-01	F34800
K5										ADI Nuance 5
	EN-GJS-1000-5			GJS-1000-5						ADI Nuance 2
	EN-GJS-1200-2			GJS-1200-2						ADI Nuance 3
	EN-GJS-1400-1			GJS-1400-1						ADI Nuance 4
	EN-GJS-800-8			GJS-800-8						ADI Nuance 1
K6	EN-GJLA-XNiCr 20-2	0,6660	0,6660	GGL-NiCr 20 2	FGL Ni20 Cr2	Nuance F2			05 23-00	F41002
	EN-GJLA-XNiCr 30-3	0,6676	0,6676	GGL-NiCr 30 3	FGL Ni30 Cr3	Nuance F3				F41004
	EN-GJLA-XNiCuCr 15-6-2	0,6655	0,6655	GGL-NiCuCr 15 6 2	FGL Ni15 Cu6 Cr2	Nuance F1				F41000
K7	EN-GJSA-XNiMn 13-7	0,7652	0,7652	GGG-NiMn 13 7	FGS Ni13 Mn7	Nuance S6			07 72-00	
	EN-GJSA-XNiCr 20-2	0,7660	0,7660	GGG-NiCr 20 2	FGS Ni20 Cr2	Nuance S2				F43000
	EN-GJSA-XNiMn 23-4	0,7673	0,7673	GGG-NiMn 23 4	FGS Ni23 Mn4	Nuance S2M				F43010
	EN-GJSA-XNiCr 30-3	0,7676	0,7676	GGG-NiCr 30 3	FGS Ni30 Cr3	Nuance S3				F43003
	EN-GJSA-XNi 35	0,7683	0,7683	GGG-Ni 35	FGS Ni35					F43006
N1	AW-1050A	Al99.5	3,0255	Al99.5	A-5/1050A	1B		(A1050)	4007	AA1050A
	AW-2011	AlCuBiPb	3,1655	AlCuBiPb	A-U5PbBi/2011	FC1		A2011	4355	AA2011
	AW-2014	AlCuSiMn	3.1255	AlCuSiMn	A-U4SG/2014	H15			4338	AA2014
	AW-5005	AlMg1	3,3315	AlMg1	A-G0.6	N41			4106	AA5005
	AW-6060	AlMgSi0.5	3,3206	AlMgSi0.5	A-GS/6060	(H9)			4103	AA6060
	AW-6063	AlMgSi0.7	3,3210	AlMgSi0.7	A-GSUC/6061	(H10)		(A6063)	4104, 4107	AA6005
	AW-3103	AlMn1	3,0515	AlMn1		N3			4054	AA3103
	AW-3003	AlMn1Cu	3,0517	AlMn1Cu	A-M1/3003			A3003		AA3003
	AW-7020	AlZn4.5Mg1	3,4335	AlZn4.5Mg1	A-Z5G/7020	H17			4425	AA7020
	AW-7075		3,4365	AlZnMgCu1.5	A-Z5GU/7075	2L95/2L96		A7075		AA7075
	AC-42000		3,2341	G-AlSi5Mg	A-S7G	LM25	3599	AC 4C	4244	
	AC-46200	AlSi8Cu3(Si)	3,2161	G-AlSi8Cu3					4251	A13800
	MG-P-63	MgAl6Zn	3,5612	G-MgAl6Zn	G-A6-Z1	MAG-E-121				M11600
	MG-P-61	MgAl8Zn	3,5812	G-MgAl8Zn	(G-A7-Z1)					
	MN65120	MgSe3Zn2Zr1	3,5103	G-MgSe3Zn2Zr1	ZRE1	MAG6-TE				M12330
N2	AC-43400	AlSi10Mg(Fe)	3,2381	G-AlSi10Mg	A-S10G	LM9			4253	A13600
	AC-44200	AlSi12	3,2382	GD-AlSi12						
	AW-6082	AlMgSi1	3,2315	AlMgSi1	A-SGM0.7/6082	H30			4212	AA6082
N3		AlSi17Cu5						ADC14		
N11	CC331G		2.0940.01	CuAl10Fe	CuAl10Fe	AB1			5710	C95200
	CC333G		2.0975.01	CuAl10Ni	CuAl10Ni5Fe5	AB2			5716	C95500
		CuNi10Fe1Mn	2,0872	CuNi10Fe1Mn	CuNi10Fe1Mn	CN102			5667	C70600
				CuNi10Zn45						
		CW408J	2,0790	CuNi18Zn19Pb	CuNi18Zn19Pb1					C76300
	CW352H		2,1176	CuPb10Sn	CuSn10Pb10	LB2			5640	C93700
	CC480K		2.1050.01	CuSn10	CuSn10	CT1			5443	C90700
			2,1087	CuSn10Zn					5458	C90500
	CW452K	CuSn6	2,1020	CuSn6	CuSn6	PB103		C5191	5428	C51900
	CW502L	CuZn15	2,0240	CuZn15	CuZn15	CZ102		C2300	5112	C23000
	CW706R	CuZn28Sn1	2,0470	CuZn28Sn1	CuZn29Sn1				5220	C44300
	CW508L	CuZn37	2,0321	CuZn37	CuZn37	CZ108			5150	C27200
	CW717R	CuZn38Sn1	2,0530	CuZn38Sn1						C46400
	CW614N	CuZn39Pb3	2,0401	CuZn39Pb3	CuZn39Pb3	CZ121			5170	C38500
	CW612N	CuZn40Pb2	2,0402	CuZn40Pb2	CuZn39Pb2	CZ120			5168	C37800
	CW622N	CuZn44Pb2	2,0410	CuZn44Pb2		CZ104			5272	C68700

SMG

U.N.E./ I.H.A.	AISI / ASTM	GOST	ČSN	Divers Marques	Condition	Structure
	A48 25 B	Sc 15	422 415			Fontes grises (GCI)
	A48 30 B	Sc 20	422 420			Fontes grises (GCI)
	A48 35 B	Sc 25	422 425			Fontes grises (GCI)
	A48 50 B	Sc 35				Fontes grises (GCI)
	G 3500					Fontes grises (GCI)
	Nuance 350					Fontes vermiculaires (CGI)
	Nuance 400					Fontes vermiculaires (CGI)
	Nuance 400-15					Fontes vermiculaires (CGI)
	Nuance 450					Fontes vermiculaires (CGI)
	Nuance 500					Fontes vermiculaires (CGI)
	A220 60004				Trempé	Fonte malléable (MCI)
						Fonte nodulaire (SGI)
FGE 38-17	60-40-18	Vc 42-12	422 304			Fonte nodulaire (MCI)
	60-40-18	Vc 42-12				Fonte nodulaire (SGI)
FGE 50-7	A536, 80-55-06	Vc 50-2	422 305			Fonte nodulaire (MCI)
FGE 60-2	A476, 80-60-03	Vc 60-2	422 306			Fonte nodulaire (SGI)
FGE 70-2	A536, 100-70-03	Vc 70-2				Fonte nodulaire (SGI)
	1600/1300/-					Fonte austénitique et bainitique (ADI)
	1050/700/7					Fonte austénitique et bainitique (ADI)
	1200/850/4					Fonte austénitique et bainitique (ADI)
	1400/1100/1					Fonte austénitique et bainitique (ADI)
	850/550/10					Fonte austénitique et bainitique (ADI)
	A436 Type 2			Ni-Resist 2		Fontes lamellaires austénitiques
	A436 Type 3			Ni-Resist 3		Fontes lamellaires austénitiques
	A436 Type 1			Ni-Resist 1		Fontes lamellaires austénitiques
				Nodumag		Fonte nodulaire austénitique.
	A436 Type D-2			Ni-Resist D-2		Fonte nodulaire austénitique.
	A439 Type D-2M			Ni-Resist D-2M		Fonte nodulaire austénitique.
	A436 Type D-3			Ni-Resist D-3		Fonte nodulaire austénitique.
	A439 Type D-5			Ni-Resist D-5		Fonte nodulaire austénitique.
	B26					
	A380					
	AZ61A					
	AZ80A					
	AMS 4442					
	B85					
	A413.2					
	B390.0					
	CA952	BrA9ZH3L				
	CA955	BrA10ZH4N4L				
	CA937					
		BrOF6.5-0.15				
		L90				
		LOMsh70-1-0.05				
		LO60-1				
		LAMsh77-2-0.05				

SMG

SMG	EN	EN-Nr	W.-Nr	DIN	AFNOR	BS	UNI	JIS	SS	UNS
S1										
S2										
S3	NiMo30		2,4810							N10002
	NiMo16Cr15W		2,4819							N10276
	NiCr19Fe19Nb5Mo3		2,4668							N07718
			2,4669							N07750
	NiCr20TiAl		2,4631							N07080
	NiCr19Co18Mo4Ti3Al3									N07500
	NiCr20Co13Mo4Ti3Al		2,4654							N07001
S11			3,7024							
										R54620
S12										R56320
	TiAl6V4		3,7164							R56400
S13				TiV10Fe2Al3						
H3	16 MnCr 5	1,7131	1,7131	16 MnCr 5	16 MC 5	527 M 17	16 MnCr 5	SCR 415	2511	G51170
H5	C 67S	1,1231	1,1231	Ck 67	XC 68	060 A 67	C 70		1770	G10700
	C 75S	1,1248	1,1248	Ck 75	XC 75	060 A 78	C 75		1774, 1778	G10780
	C 100S	1,1274	1,1274	Ck 101		060 A 96		SUP 4	1870	G10950
	C 105U	1,1545	1,1545	C 105 W1	Y1 105		C 100 KU		1880	
			1,2550	60 WCrV 7	55 WC 20		55 WCrV 8 KU			
	55 Cr 3	1,7176	1,7176	55 Cr 3	55 C 3	527 A 60	55 Cr 3	SUP 9 (A)	2253	G51550
	42 CrMo 4	1,7225	1,7225	42 CrMo 4	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	2244	G41400
H7	107 CrV 3	1,2210	1,2210	115 CrV 3	100 C 3		107 CrV 3 KU			T61202
			1,2510	100 MnCrW 4	90 MWCV 5	BO 1	95 MnWCr 5 KU	SKS 3	2140	T31501
	90 MnCrV 8	1,2842	1,2842	90 MnCrV 8	90 MV 8	BO 2	90 MnVCr 8 KU			T31502
	100 Cr 6	1,3505	1,3505	100 Cr 6	100 C 6	534 A 99	100 Cr 6	SUJ 2	2258	G51986
H8	X 40 CrMoV 5 1	1,2344	1,2344	X 40 CrMoV 5 1	Z 40 CDV 5	BH 13	X 40 CrMo 5 1 1 KU	SKD 61	2242	T20813
	X 100 CrMoV 5	1,2363	1,2363	X 100 CrMoV 5 1	Z 100 CDV 5	BA 2	X 100 CrMoV 5 1 KU	SKD 12	2260	T30102
	X 155 CrVMo 12 1		1,2379	X 155 CrVMo 12 1	Z 160 CDV 12	BD 2	X 155 CrVMo 12 1 KU	SKD 11		T30402
			1,2436	X 210 CrW 12			X 215 CrW 12 1 KU	SKD 2	2312	
			1,2601	X 165 CrMoV 12			X 165 CrMoW 12 KU		2310	
			1,2713	55 NiCrMoV 6	55 NCDV 7			SKT 4		T61206
	HS 6-5-2-5	1,3243	1,3243	S 6-5-2-5	Z 85 WDKCV 06-05-05-04-02		HS 6-5-2-5	SKH 55	2723	
	HS 2-10-1-8	1,3247	1,3247	S 2-10-1-8	Z 110 DKCWV 09-08-	BM 42	HS 2-9-1-8	SKH 51		T11342
	HS 18-0-1	1,3355	1,3355	S 18-0-1	Z 80 WCV 18-04-01	BT 1	HS 18-0-1	SKH 2		T12001
H11	X 20 Cr 13	1,4021	1,4021	X 20 Cr 13	Z 20 C 13	420 S 37	X 20 Cr 13	SUS 420 J 1	2303	S42000
	X 70 CrMo 15	1,4109	1,4109	X 65 CrMo 14	Z 70 D 14			SUS 440 A		S44002
	X 90 CrMoV 18	1,4112	1,4112	X 90 CrMoV 18	Z 2 CND 18 05	409 S 19	X CrTi 12	SUS 440 B	2327	S44003
	X 105 CrMo 17	1,4125	1,4125	X 105 CrMo 17	Z 100 CD 17		X 105 CrMo 17	SUS 440 C		S44004
H12	X 4 CrNiCuNb 16 4	1,4540	1,4540	X 4 CrNiCuNb 16 4						S15500
	X 5 CrNiCuNb 16 4	1,4542	1,4542	X 5 CrNiCuNb 16 4				SUS 630		S17400
	X 5 CrNiCuNb 16 4	1,4542	1,4542	X 5 CrNiCuNb 16 4				SUS 630		S17400
	X 7 CrNiAl 17 7	1.4568	1,4568	X 7 CrNiAl 17 7	Z 9 CAN 17.7	301 S 81	X 7 CrNiAl 17 7	SUS 631	2388	S17700
	X 8 CrNiMoAl 15 7 5	1,4574	1,4574	X 8 CrNiMoAl 15 7 5						S15700
	X 6 NiCrTiMoV 25 15	1,4980	1,4943	X 4 NiCrTi 25 15	Z 6 NCTDV 25.15	HR 51		SUH 660	2570	S66286
	X 2 NiCoMo 18 8 5	1,6359	1,6359	X 2 NiCoMo 18 8 5		S 162				K92890
	X 2 NiCoMoTi 18 9 5	1,6358	1,6358	X 2 NiCoMoTi 18 9 5	Z 2 NKD 19-09					K93120
	X 2 NiCoMoTi 18 9 5	1,6358	1,6358	X 2 NiCoMoTi 18 9 5	Z 2 NKD 19-09					K93120
	X 2 NiCoMoTi 18 12 4	1,6356	1,6356	X 2 NiCoMoTi 18 12 4						K93160
H21	X 120 Mn 12	1,3401	1,3401	X 120 Mn 12	Z 120 M 12	BW 10		SC MnH 1	2183	
H31	EN-GJN-HV520	0,9620	0,9620	G-X330 NiCr 4 2	FB Ni4 Cr2 BC	Nuance 2 A			05 12 -00	F45001
	EN-GJN-HV550	0,9625	0,9625	G-X260 NiCr 4 2	FB Ni4 Cr2 HC	Nuance 2 B			05 13 -00	F45000
	EN-GJN-HV600(XCr11)	0,9630	0,9630	G-X300 CrNiSi 9 5 2	FB Cr9 Ni5	Nuance 2 C, D, E			04 57-00	F45003

SMG

U.N.E./ I.H.A.	AISI / ASTM	GOST	ČSN	Divers Marques	Condition	Structure
				Discalloy	Traités par précipitation	
				Haynes 25		
				Stellite 21		
				Hastelloy C		
		KHN65MV		Hastelloy C-276		
				IN 100		
				Inconel 718		
				Inconel X-750	Solution recuite	
				Nimonic 80A		
				René 41		
				Udimet 500		
				Waspalloy		
				Ti	Commercialement pur	Ti (α)
	AMS 4919			Ti 6-2-4-2	Recuit	Ti (α)
	AMS 4943			Ti 3Al-2.5V (grd 9)	Recuit	Ti (α+β)
	AMS 4920, Nuance 5	VT6		Ti 6Al.-4V	Recuit	Ti (α+β)
	AMS 4986			Ti 10V-2Fe-3Al	Recuit	Ti (β)
F.1516	5115	12KHN2	14 220		Aciers cémentés	
F.5103	1070	70			Trempé & revenu	
F.5107	1078, 1080	75			Trempé & revenu	
F.5117	1095				Trempé & revenu	
F.5118	W1	U10A			Trempé & revenu	
	S1	5KHV2SF			Trempé & revenu	
	5155				Trempé & revenu	
F.1252	4142, 4140	38HM	15 142		Trempé & revenu	
F.520L	L2	11KHF			Trempé & revenu	
F.5220	O1	9KHVG			Trempé & revenu	
	O2	9G2F			Trempé & revenu	
F.5230	52100	SHKH15	14 109		Trempé & revenu	
F.5318	H13	4KH5MF1S			Trempé & revenu	
F.5227	A2	9KH5VF			Trempé & revenu	
F.5211	D2	KH12MF			Trempé & revenu	
F.5213		KH12			Trempé & revenu	
		KH12MF			Trempé & revenu	
F.520.S	L6	5KHNM			Trempé & revenu	
F.5613	M35	R6M5K5			Trempé & revenu	
	M42	R2AM9K5			Trempé & revenu	
	T1	R18			Trempé & revenu	
F.5261	420	20KH13	17 022		Trempé & revenu	Martensitique
	440 A				Trempé & revenu	Martensitique
	440 B	95KH18			Trempé & revenu	Martensitique
	440 C	95KH18			Trempé & revenu	Martensitique
	XM-12			15-5-PH	H900	Martensitique
	SAE 630			17-4-PH	H1025	Martensitique
	SAE 630			17-4-PH	H900	Martensitique
	AMS 5528	09KH17N7YU1		17-7-PH	TH1050	Martensitique
	632			PH 15-7 Mo	TH1050	Martensitique
	660			A286	Traités par précipitation	Austénitique
	AMS 6512			Maragin 250	Traités par précipitation	Martensitique
	AMS 6521			Maragin 300	Traités par précipitation	Martensitique
	AMS 6521			Maragin 300	Traités par précipitation	Martensitique
	AMS 6515			Maragin 350	Traités par précipitation	Martensitique
	A128 Nuance A			Hadfield		
	A532 IB (NiCr-LC			Ni-Hard 2		Fontes blanches
	A532 IA (NiCr-HC)			Ni-Hard 1		Fontes blanches
	A532 ID (Ni-HiCr)			Ni-Hard 4		Fontes blanches

Plaquettes en carbure cémentées

Les plaquettes et porte-plaquettes en carbure de Seco ne sont pas concernés par les exigences suivantes. Néanmoins, Seco fait la déclaration suivante :
Ces produits sont conformes aux exigences RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) et ELV (End of Life Vehicles).
Les produits ne contiennent pas de mercure, ni de plomb, ni de chrome hexavalent, ni de cadmium, ni de CFC, ni de HCFC, retardataire de flamme ou solvants en concentration, qui excèdent les spécifications légales autorisées.

Réaffûtage :
Le réaffûtage à sec ou humide peut produire des poussières potentielles qui peuvent irriter la peau, les yeux, le nez, la gorge et provoquer des dommages ou des maladies. Pour éviter ces dangers, il faut respecter les précautions de sécurité et porter les EPI (Équipement de Protection Individuelle) adaptés.

Déchets et recyclage :
Seco s'engage à racheter les plaquettes et le carbure solide usagé pour les recycler. Les plaquettes et les barreaux de carbure doivent être séparés des autres déchets métalliques (acier, aluminium, cuivre...etc).
Tous les emballages sont entièrement recyclables.

Plaquettes CBN et PCD

Les plaquettes ne sont pas concernées par les exigences suivantes néanmoins, Seco fait la déclaration suivante :
Ces produits sont conformes aux exigences RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) et ELV (End of Life Vehicles) requises.
Les produits ne contiennent pas de mercure, ni de plomb, ni de chrome hexavalent, ni de cadmium, ni de CFC, ni de HCFC, retardataire de flamme ou solvants en concentration, qui excèdent les spécifications légales autorisées.

Réaffûtage :
Le réaffûtage à sec ou humide peut produire des poussières potentielles qui peuvent irriter la peau, les yeux, le nez, la gorge et provoquer des dommages ou des maladies. Pour éviter ces dangers, il faut respecter les précautions de sécurité et porter les EPI (Équipement de Protection Individuelle) adaptés.

Déchets et recyclage :
Seco s'engage à racheter les plaquettes CBN ou PCD usagées pour les recycler. Les plaquettes doivent être séparées des autres déchets métalliques (acier, aluminium, cuivre... etc). Les plaquettes CBN peuvent être rejetées comme les autres déchets.
Tous les emballages sont entièrement recyclables.

Porte-outils brunis à l'oxyde

Les porte-outils de Seco ne sont pas concernés par les exigences suivantes néanmoins, Seco fait la déclaration suivante :
Ces produits sont conformes aux exigences RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) et ELV (End of Life Vehicles) requises.
Les produits ne contiennent pas de mercure, ni de plomb, ni de chrome hexavalent, ni de cadmium, ni de CFC, ni de HCFC, retardataire de flamme ou solvants en concentration, qui excèdent les spécifications légales autorisées.

Déchets et recyclage :
Les porte-outils usagés peuvent être jetés avec les déchets ordinaires (copeaux et acier mis au rebut) pour être recyclés.
Tous les emballages sont entièrement recyclables.

Plaquettes Cermet

Les plaquettes ne sont pas concernées par les exigences suivantes néanmoins, Seco fait la déclaration suivante :
Ces produits sont conformes aux exigences RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) et ELV (End of Life Vehicles) requises.
Les nuances de plaquettes C15M contiennent du nickel qui peut imprégner la peau de nickel par contact. Les plaquettes contiennent plus de nickel que mentionné dans la norme SS-EN 1811. La méthode des tests de référence pour le dépôt du nickel s'entend si un contact prolongé et direct sur la peau a lieu et ne s'applique pas directement aux plaquettes Cermet. Lors de la manipulation des plaquettes, il est recommandé aux personnes ayant des allergies connues au nickel, de porter des gants de protection.

Réaffûtage :
Le réaffûtage à sec ou humide peut produire des poussières potentielles qui peuvent irriter la peau, les yeux, le nez, la gorge et provoquer des dommages ou des maladies. Pour éviter ces dangers, il faut respecter les précautions de sécurité et porter les EPI (Équipement de Protection Individuelle) adaptés.

Déchets et recyclage :
Les plaquettes utilisées peuvent être recyclées. Les plaquettes doivent être séparées des autres déchets métalliques (acier, aluminium, cuivre).
Tous les emballages sont entièrement recyclables.

Porte-outils revêtus Nickel

Les porte-outils de Seco ne sont pas concernés par les exigences suivantes néanmoins, Seco fait la déclaration suivante :
Ces produits sont conformes aux exigences RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) et ELV (End of Life Vehicles) requises.
Les produits ne contiennent pas de mercure, ni de plomb, ni de chrome hexavalent, ni de cadmium, ni de CFC, ni de HCFC, retardataire de flamme ou solvants en concentration, qui excèdent les spécifications légales autorisées.
Les plaquettes contiennent du nickel et la peau peut en être imprégnée par contact. Les plaquettes contiennent plus de nickel que mentionné dans la norme SS-EN 1811. La méthode des tests de référence pour le dépôt du nickel s'entend si un contact prolongé et direct sur la peau a lieu.
Ces normes sont destinées à des produits qui sont en contact direct et prolongé avec la peau et ne sont donc pas directement applicable aux plaquettes. Lors de la manipulation des plaquettes il est recommandé aux personnes ayant des allergies connues au nickel, de porter des gants de protection.

Déchets et recyclage :
Les porte-outils usagés peuvent être jetés avec les déchets aciers ordinaires (copeaux et débris d'acier triés).
Tous les emballages sont entièrement recyclables.

Éléments d'alliage intentionnellement ajoutés

Nuance	Carbure cémenté											Revêtement						
	W	Ti	Ta	Nb	Co	Cr	Ni	Mo	C	N	Ru	Ti	Al	C	N	O	Si	Nb
CP20	■				■				■			■			■			
CP200	■				■	■			■			■	■		■			
CP300	■	■	■	■	■				■			■	■		■			
CP500	■				■	■			■			■	■		■			
CP600	■				■	■			■			■	■		■			
C15M	■	■	■	■	■		■	■	■	■								
CF	■		■		■		■	■	■									
CM	■		■		■		■	■	■									
DP2000	■		■	■	■				■			■	■	■	■	■		
DP3000	■	■	■	■	■				■	■		■	■	■	■	■		
DS2050	■				■	■			■			■	■		■			■
DS4050	■				■	■			■			■	■		■			■
F15M	■				■	■			■			■	■		■			
F25M	■	■	■	■	■				■			■	■		■			
F30M	■				■	■			■			■	■		■			
F40M	■				■	■			■			■	■		■			
HX	■		■		■				■									
H02	■		■		■	■			■									
H15	■				■	■			■									
H25	■				■	■			■									
KX	■				■	■			■									
MH1000	■				■	■			■			■	■		■			
MK1500	■		■		■				■			■	■	■	■	■		
MK2050	■		■		■	■			■			■	■		■		■	
MM4500	■				■	■			■			■	■	■	■	■		
MP1501	■		■	■	■				■			■	■	■	■	■		
MP2050	■				■						■	■	■		■		■	
MP2501	■		■	■	■				■			■	■	■	■	■		
MP3000	■				■	■			■			■	■		■			
MP3501	■		■	■	■				■			■	■	■	■	■		
MS2500	■		■	■	■				■			■	■	■	■	■		
MS2050	■				■	■			■			■	■		■			■
RX1500	■		■		■		■	■	■			■	■		■			
RX2000	■		■		■	■			■			■	■		■			
RM2020	■				■				■			■						
RM2090	■				■	■			■			■	■				■	
RN2010	■				■	■			■									
RS2090	■				■	■			■			■	■				■	
T350M	■		■	■	■				■			■	■	■	■	■		
T25M	■		■	■	■				■			■		■	■			
TGH1050	■				■	■			■			■	■		■		■	
TGK1500	■		■		■				■			■	■	■	■	■		
TGP25	■	■	■	■	■				■			■	■	■	■	■		
TGP35	■		■	■	■				■			■	■	■	■	■		
TGP45	■		■	■	■				■			■	■	■	■	■		
TGS2050	■				■	■			■			■	■		■		■	
TH1000	■				■	■			■			■	■		■		■	
TH1500	■				■	■			■			■	■	■	■	■		
TK0501	■				■	■			■			■	■	■	■	■		
TK1501	■		■		■	■			■			■	■	■	■	■		
TM1501	■	■	■	■	■	■			■	■		■	■	■	■	■		
TM2000	■	■	■	■	■				■	■		■	■	■	■	■		
TM2501	■	■	■	■	■				■	■		■	■	■	■	■		
TM3501	■				■				■			■	■	■	■	■		
TM4000	■	■	■	■	■				■	■		■	■	■	■	■		
TP0501	■	■	■	■	■	■			■			■	■	■	■	■		
TP1020	■	■	■	■	■				■	■								
TP1030	■	■	■	■	■				■	■		■	■		■		■	
TP1501	■	■	■	■	■				■	■		■	■	■	■	■		
TP25	■	■	■	■	■	■			■	■		■	■	■	■	■		
TP200	■	■	■	■	■				■	■		■	■	■	■	■		
TP2501	■	■	■	■	■	■			■	■		■	■	■	■	■		
TP3501	■	■	■	■	■				■	■		■	■	■	■	■		
TP40	■		■	■	■				■			■		■	■			
TS2000	■				■	■			■			■	■		■			
TS2050	■				■	■			■			■	■		■		■	
TS2500	■		■		■				■			■	■		■			
TTP2050	■				■	■			■			■	■		■		■	
T250D	■				■	■			■			■	■		■			
T400D	■				■	■			■			■	■		■			
T100R	■		■		■	■			■			■	■		■			
T60M	■	■	■	■	■				■			■	■		■			
883	■		■		■				■									
890	■				■	■			■									

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