



INDEX ABC

Porte-outils

Présentation

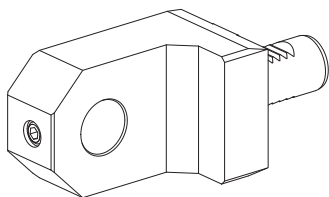
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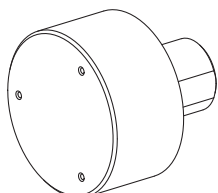
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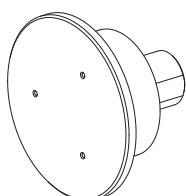
10505133 Butée matière , rotative

Fixation	aucune
Attachement	D25
Arrosage	–
X / Y / Z	70 / – / 30 mm



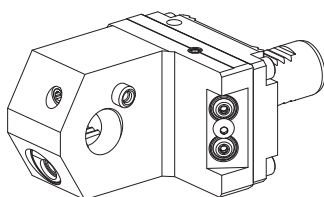
10900227 Butée matière , rotative

Fixation	–
Attachement	D58
Arrosage	–
X / Y / Z	– / – / 30 mm



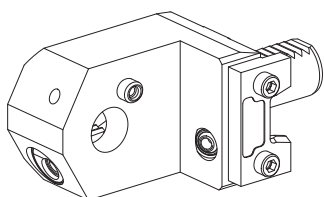
10452051 Butée matière , rotative

Fixation	–
Attachement	D85
Arrosage	–
X / Y / Z	– / – / 30 mm



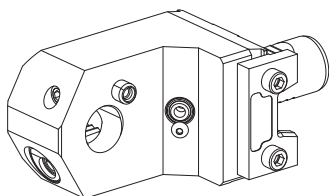
10558089 Porte-outil de compensation

Fixation	Denture W
Attachement	VDI 20
Arrosage	central et extérieur, p_{max} 20 bar
X / Y / Z	70 / – / 2 mm



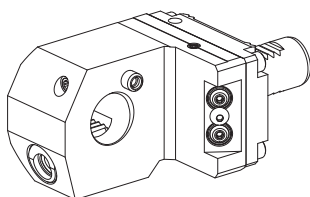
10592401 Porte-outil de compensation

Fixation	Vés
Attachement	VDI 20
Arrosage	central et extérieur, p_{max} 40 bar
X / Y / Z	60 / – / 2 mm



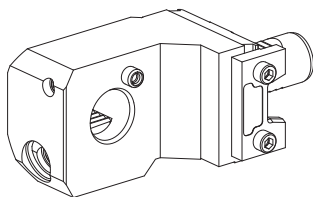
10670405 Porte-outil de compensation

Fixation	Vés
Attachement	VDI 20
Arrosage	central et extérieur, p_{max} 20 bar
X / Y / Z	70 / – / 2 mm



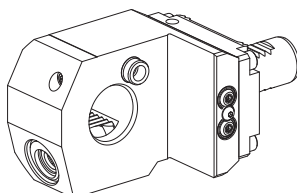
10845238 Porte-outil de compensation

Fixation	Denture W
Attachement	VDI 25
Arrosage	central et extérieur, p_{max} 20 bar
X / Y / Z	70 / – / 2 mm



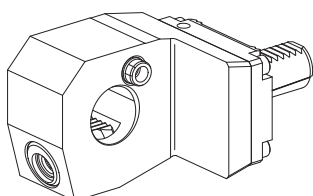
10849685 Porte-outil de compensation

Fixation Vés
Attachement VDI 25
Arrosage central, p_{\max} 80 bar
X / Y / Z 70 / - / 2 mm



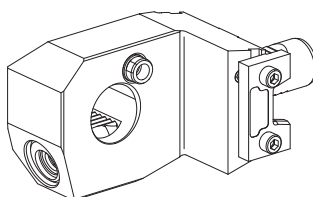
10054233 Porte-outil de compensation

Fixation Denture W
Attachement VDI 30
Arrosage central et extérieur, p_{\max} 20 bar
X / Y / Z 70 / - / 2 mm



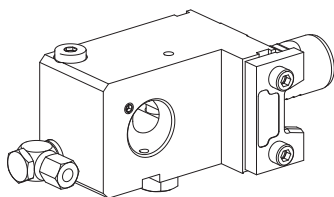
10660913 Porte-outil de compensation, réglable à la verticale

Fixation Denture W
Attachement VDI 30
Arrosage central, p_{\max} 80 bar
X / Y / Z 70 / - / -5 mm



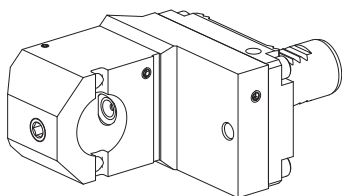
10564702 Porte-outil de compensation

Fixation Vés
Attachement VDI 30
Arrosage central, p_{\max} 80 bar
X / Y / Z 70 / - / -5 mm



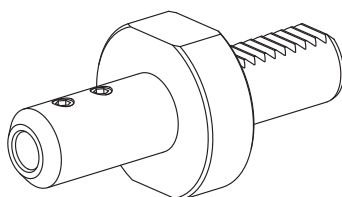
10404809 Porte-outil de compensation

Fixation Vés
Attachement D1"
Arrosage extérieur, p_{\max} 80 bar
X / Y / Z 60 / - / 15 mm



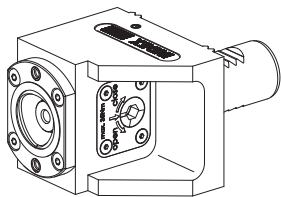
10428102 Porte-outil de compensation

Fixation Denture W
Attachement ABS 50
Arrosage central, p_{\max} 80 bar
X / Y / Z 70 / - / -8 mm



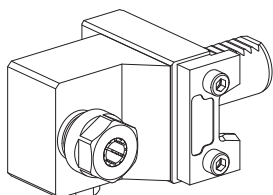
10773801 Porte-foret, Spécialement pour l'outil d'écriture WriteStar!

Fixation aucune
Attachement D12
Arrosage -
X / Y / Z 68 / - / - mm



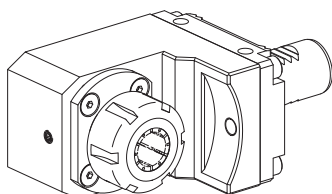
10265902 Porte-foret

Fixation Denture W
Attachement INDEX TRAUB CAPTO C3
Arrosage central, p_{\max} 80 bar
X / Y / Z 60 / - / 16 mm



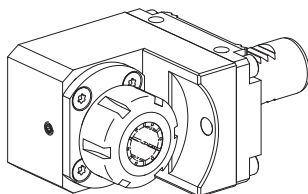
10950356 Porte-foret

Fixation Vés
Attachement ER 16
Arrosage extérieur, p_{\max} 20 bar
X / Y / Z 60 / - / - mm



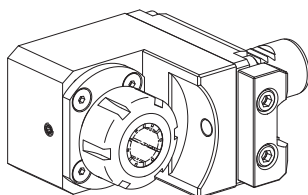
10545041 Porte-foret

Fixation Denture W
Attachement ER 25
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 70 / - / 31 mm



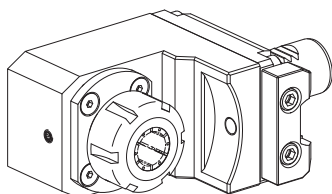
10873055 Porte-foret

Fixation Denture W
Attachement ER 25
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 60 / - / 31 mm



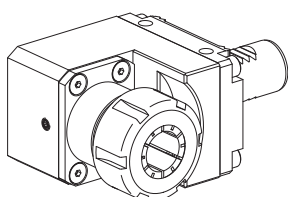
10767879 Porte-foret

Fixation Vés
Attachement ER 25
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 60 / - / 31 mm



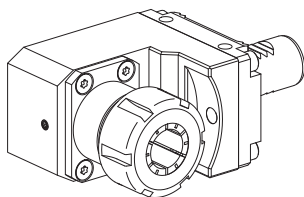
10837952 Porte-foret

Fixation Vés
Attachement ER 25
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 70 / - / 31 mm



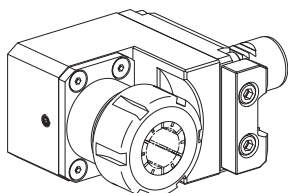
10306255 Porte-foret

Fixation Denture W
Attachement ER 32
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 60 / - / 52 mm



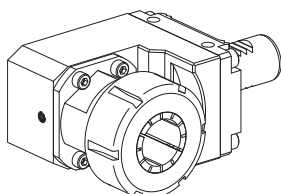
10569878 Porte-foret

Fixation	Denture W
Attachement	ER 32
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	70 / - / 52 mm



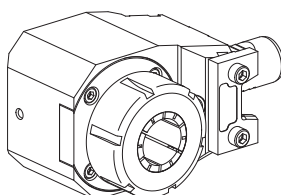
10603828 Porte-foret

Fixation	Vés
Attachement	ER 32
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	60 / - / 52 mm



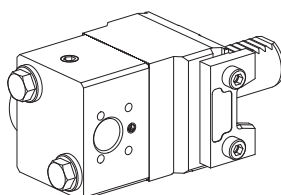
10507494 Porte-foret

Fixation	Denture W
Attachement	ER 40
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	70 / - / 57,5 mm



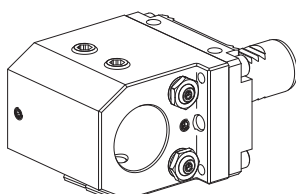
10057365 Porte-foret

Fixation	Vés
Attachement	ER 40
Arrosage	central et extérieur, p_{\max} 40 bar
X / Y / Z	70 / - / 55 mm



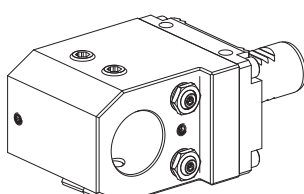
10648867 Porte-foret, réglable à la verticale

Fixation	Vés
Attachement	DIN 1835 B/E D16
Arrosage	central, p_{\max} 80 bar
X / Y / Z	70 / - / 25 mm



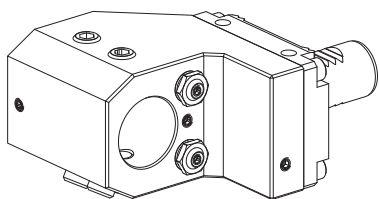
10185704 Porte-foret

Fixation	Denture W
Attachement	DIN 1835 B/E D32
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	60 / - / 30 mm



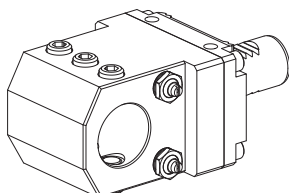
10712278 Porte-foret

Fixation	Denture W
Attachement	DIN 1835 B/E D32
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	70 / - / 30 mm



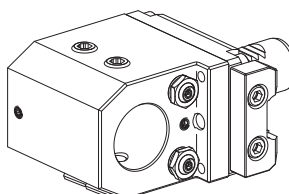
10894414 Porte-foret

Fixation Denture W
Attachement DIN 1835 B/E D32
Arrosage central et extérieur, p_{max} 80 bar
X / Y / Z 70 / - / - mm



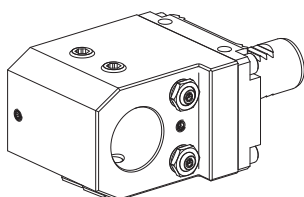
11020232 Porte-foret

Fixation Denture W
Attachement DIN 1835 B/E D32
Arrosage extérieur, p_{max} 80 bar
X / Y / Z 70 / - / 30 mm



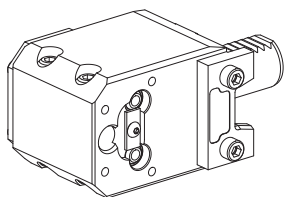
10735514 Porte-foret

Fixation Vés
Attachement DIN 1835 B/E D32
Arrosage central et extérieur, p_{max} 80 bar
X / Y / Z 60 / - / 30 mm



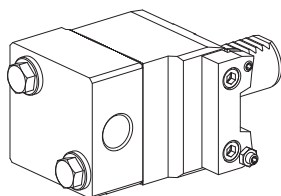
10017019 Porte-foret

Fixation Denture W
Attachement DIN 1835 B/E D 1 1/4"
Arrosage central et extérieur, p_{max} 80 bar
X / Y / Z 70 / - / 30 mm



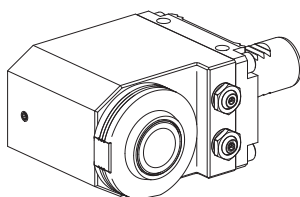
10954878 Porte-foret

Fixation Vés
Attachement D12
Arrosage central et extérieur, p_{max} 20 bar
X / Y / Z 70 / - / 30 mm



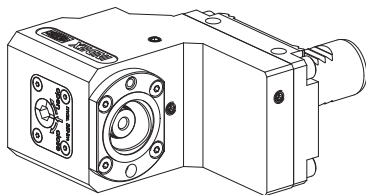
10823660 Porte-foret, réglable à la verticale

Fixation Réglette
Attachement D16
Arrosage central, p_{max} 80 bar
X / Y / Z 60 / $\pm 1,5$ / 30 mm



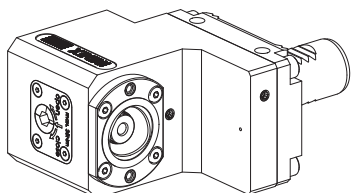
10085291 Porte-foret

Fixation Denture W
Attachement Hydroexpandable D20
Arrosage central et extérieur, p_{max} 80 bar
X / Y / Z 70 / - / 48 mm



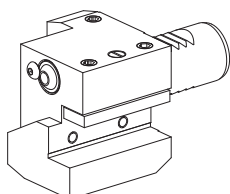
10038299 Porte-foret

Fixation	Denture W
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, p_{\max} 80 bar
X / Y / Z	70 / - / -5 mm



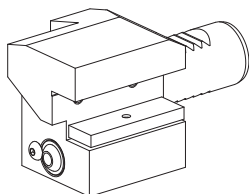
10705777 Porte-foret

Fixation	Denture W
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, p_{\max} 80 bar
X / Y / Z	70 / - / 5 mm



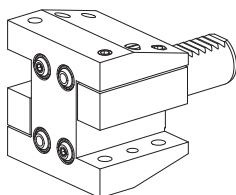
10593252 PO de tournage, Forme C1/C4

Fixation	aucune
Attachement	Carré 16x16
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	55 / - / 19 mm



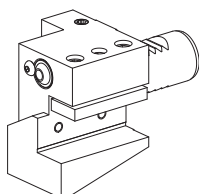
11033174 PO de tournage, Forme C2/C3

Fixation	aucune
Attachement	Carré 16x16
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	55 / - / 19 mm



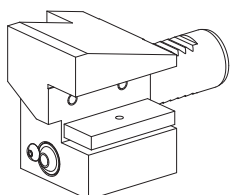
10199711 PO de tournage, double

Fixation	aucune
Attachement	Carré 20x20
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	55 / - / 17 mm



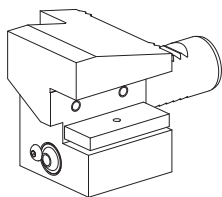
10443801 PO de tournage, Forme C1/C4

Fixation	aucune
Attachement	Carré 20x20
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	55 / - / 15 mm



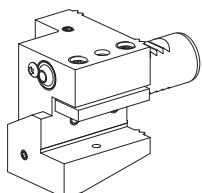
10940870 PO de tournage, Forme C2/C3

Fixation	aucune
Attachement	Carré 20x20
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	55 / - / 19 mm



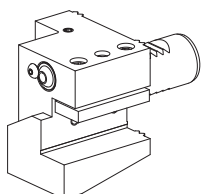
10252236 PO de tournage, Forme C2/C3

Fixation Denture W
Attachement Carré 20x20
Arrosage extérieur, p_{\max} 20 bar
X / Y / Z 55 / - / 19 mm



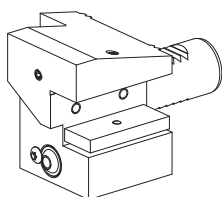
10326998 PO de tournage, Forme C1/C4

Fixation Denture W
Attachement Carré 20x20
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 55 / - / 15 mm



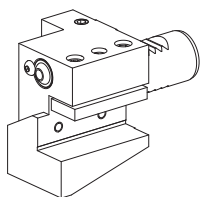
10583476 PO de tournage, Forme C1/C4

Fixation Denture W
Attachement Carré 20x20
Arrosage extérieur, p_{\max} 20 bar
X / Y / Z 55 / - / 15 mm



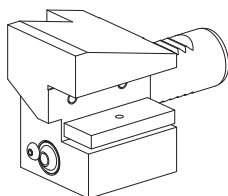
11095063 PO de tournage, Forme C2/C3

Fixation Denture W
Attachement Carré 20x20
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 55 / - / 19 mm



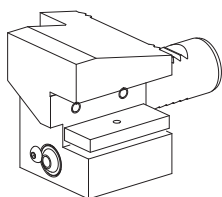
10345003 PO de tournage, Forme C1/C4

Fixation aucune
Attachement Carré 3/4x3/4"
Arrosage extérieur, p_{\max} 20 bar
X / Y / Z 55 / - / 15 mm



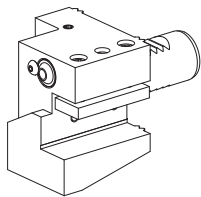
11064321 PO de tournage, Forme C2/C3

Fixation aucune
Attachement Carré 3/4x3/4"
Arrosage extérieur, p_{\max} 20 bar
X / Y / Z 55 / - / 19 mm



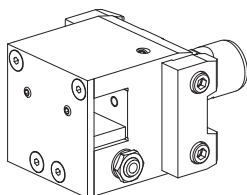
10042128 PO de tournage, Forme C2/C3

Fixation Denture W
Attachement Carré 3/4x3/4"
Arrosage extérieur, p_{\max} 20 bar
X / Y / Z 55 / - / 19 mm



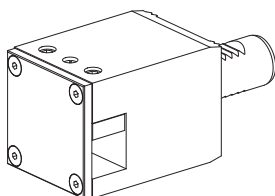
10295890 PO de tournage, Forme C1/C4

Fixation	Denture W
Attachement	Carré 3/4x3/4"
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	55 / - / 15 mm



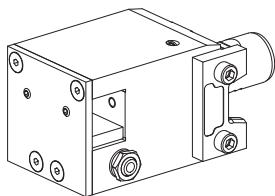
10385115 PO de tournage

Fixation	Réglette de serra. et de butée
Attachement	Carré 20x20
Arrosage	extérieur, p_{max} 80 bar
X / Y / Z	40 / - / 30 mm



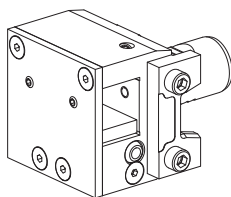
10169442 PO de tournage

Fixation	Denture W
Attachement	Carré 20x20
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	60 / - / 30 mm



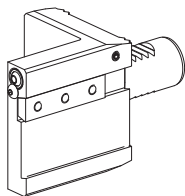
10578028 PO de tournage

Fixation	Vés
Attachement	Carré 20x20
Arrosage	extérieur, p_{max} 80 bar
X / Y / Z	60 / - / 30 mm



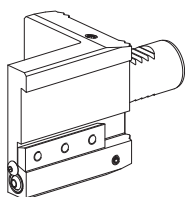
10653020 PO de tournage

Fixation	Vés
Attachement	Carré 20x20
Arrosage	extérieur, p_{max} 80 bar
X / Y / Z	18,5 / - / 30 mm



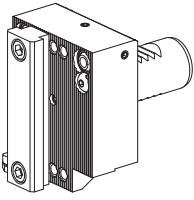
10222400 Support outil plong/fonçage

Fixation	Denture W
Attachement	Trapèze 32x4
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	68,2 / - / 30 mm



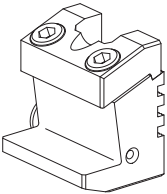
10304690 Support outil plong/fonçage

Fixation	Denture W
Attachement	Trapèze 32x4
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	68,2 / - / 30 mm



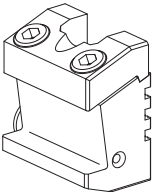
10758898 Porte-outil de base, Porte-outil plongée de forme

Fixation	Denture W
Attachement	–
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	28,3 / – / – mm



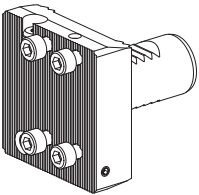
10463581 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	–
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	38 / – / – mm



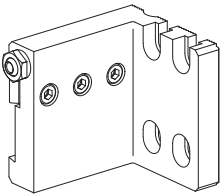
10607061 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	–
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	30 / – / – mm



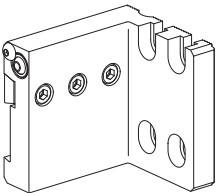
10266235 Porte-outil de base, réglable à la verticale

Fixation	Denture W
Attachement	–
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	19 / – / – mm



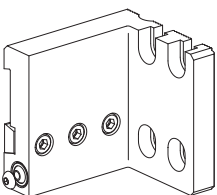
11094517 Stechhaltestück, vertikal einstellbar

Fixierung	–
Aufnahme	Trapez 26x4
Kühlung	außen und innen, p_{\max} 80 bar
X / Y / Z	63 / $\pm 1,5$ / 58 mm



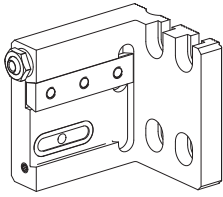
10498677 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x4
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	63 / $\pm 1,5$ / 58 mm



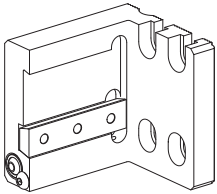
10668867 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x4
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	63 / $\pm 1,5$ / 58 mm



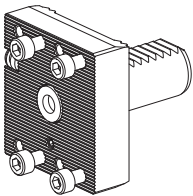
11094518 Stechhaltestück, vertikal einstellbar

Fixierung	–
Aufnahme	Trapez 26x4
Kühlung	außen und innen, p_{\max} 80 bar
X / Y / Z	63 / $\pm 1,5$ / 58 mm



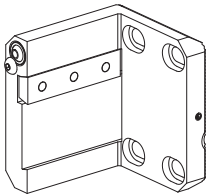
10804363 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x4
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	63 / $\pm 1,5$ / 58 mm



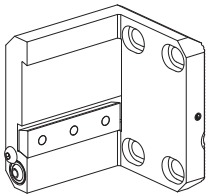
10743913 Porte-outil de base, réglable à l'horizon., ressort

Fixation	Denture W
Attachement	–
Arrosage	central et extérieur, p_{\max} 20 bar
X / Y / Z	19,6 / – / 30 mm



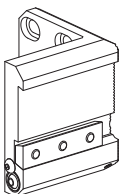
10451779 Pièce support plong/fonçage, réglable à l'horizon., ressort

Fixation	–
Attachement	Trapèze 32x3
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	62 / – / 19 mm



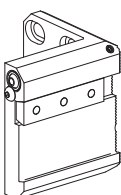
10634677 Pièce support plong/fonçage, réglable à l'horizon., ressort

Fixation	–
Attachement	Trapèze 32x3
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	62 / – / 19 mm



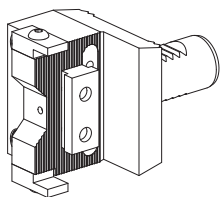
10154506 Pièce support plong/fonçage, réglable à l'horizon., ressort

Fixation	–
Attachement	Trapèze 32x3
Arrosage	–, p_{\max} 20 bar
X / Y / Z	62 / – / 33 mm



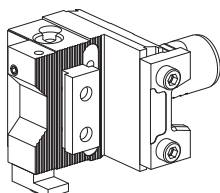
10532047 Pièce support plong/fonçage, réglable à l'horizon., ressort

Fixation	–
Attachement	Trapèze 32x3
Arrosage	–, p_{\max} 20 bar
X / Y / Z	62 / – / 30 mm



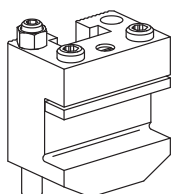
10807382 Porte-outil de base, réglable à la verticale

Fixation	Denture W
Attachement	–
Arrosage	central et extérieur, p_{\max} 20 bar
X / Y / Z	35 / – / 5 mm



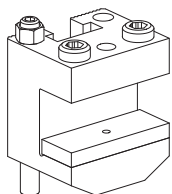
10928593 Porte-outil de base, réglable à la verticale

Fixation	Vés
Attachement	–
Arrosage	central et extérieur, p_{\max} 20 bar
X / Y / Z	35 / – / 5 mm



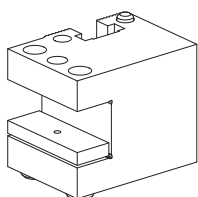
10331903 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Carré 16x10
Arrosage	–
X / Y / Z	20 / – / 18 mm



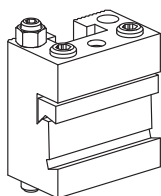
10770991 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Carré 16x16
Arrosage	–
X / Y / Z	20 / – / 17 mm



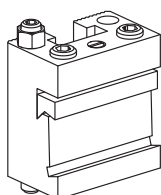
11004141 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Carré 16x16
Arrosage	–
X / Y / Z	40 / – / 40 mm



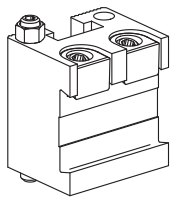
10531179 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 16x3
Arrosage	–
X / Y / Z	20 / – / 25 mm



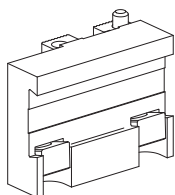
10518257 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 20x4
Arrosage	–
X / Y / Z	20 / – / 25 mm



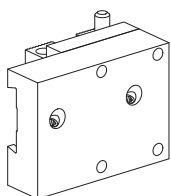
10227285 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	20 / – / 32 mm



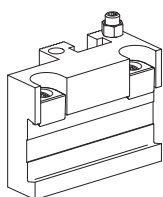
10049220 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	47,5 / – / 32 mm



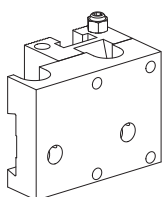
10787914 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	47,5 / – / 28,5 mm



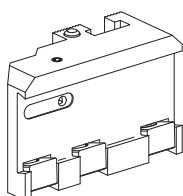
10410270 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	47,5 / – / 32 mm



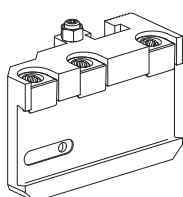
10777825 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	47,5 / – / 28,5 mm



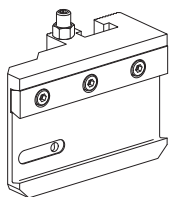
10269671 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 32x5
Arrosage	central et extérieur, p_{\max} 20 bar
X / Y / Z	60 / – / 32 mm



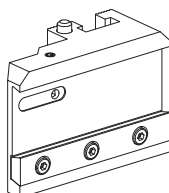
10778011 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 32x5
Arrosage	central et extérieur, p_{\max} 20 bar
X / Y / Z	60 / – / 32 mm



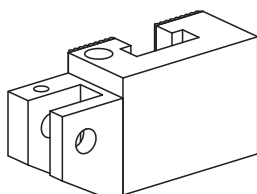
10500323 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 32x5
Arrosage	central et extérieur, p_{\max} 20 bar
X / Y / Z	60 / – / 32 mm



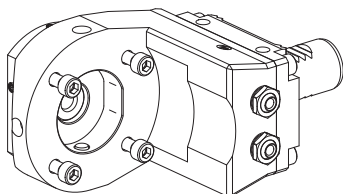
11026512 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 32x5
Arrosage	central et extérieur, p_{\max} 20 bar
X / Y / Z	60 / – / 32 mm



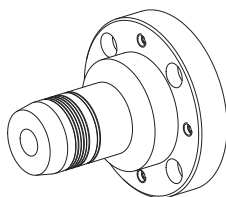
10442459 Insert porte-outil de moletage

Fixation	aucune
Attachement	D6
Arrosage	–
X / Y / Z	38 / – / 20 mm



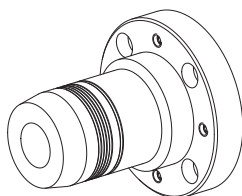
10884330 Porte-outil de base

Fixation	Denture W
Attachement	–
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	78 / – / -23,5 mm



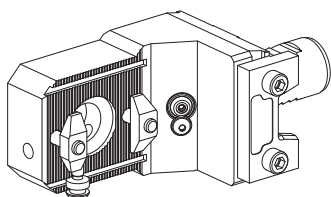
10339021 Pièce porte-foret

Fixation	aucune
Attachement	Hydroexpansible D12
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	77,5 / – / – mm



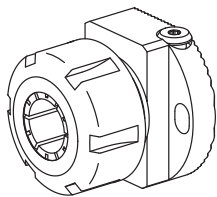
10090979 Pièce porte-foret

Fixation	aucune
Attachement	Hydroexpansible D20
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	83 / – / – mm



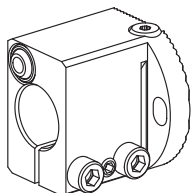
10448204 Porte-outil de base

Fixation	Vés
Attachement	–
Arrosage	central et extérieur, p_{\max} 20 bar
X / Y / Z	70 / – / -5 mm



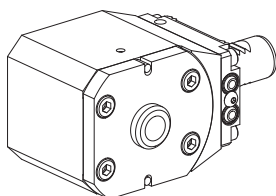
10285739 Pièce porte-foret

Fixation –
Attachement ER 25
Arrosage central, p_{max} 20 bar
X / Y / Z 42,5 / – / – mm



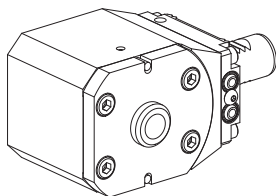
10099852 Pièce porte-foret

Fixation –
Attachement D20
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 40 / – / – mm



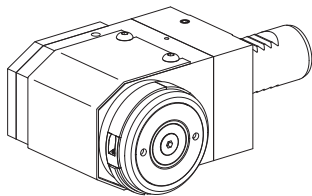
1030527 Support de pointe de guidage, réglable verticalement, sans ressort

Fixation Denture W
Attachement D15,4/Cône 1:7,5
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 70 / ±0,5 / 46,5 mm



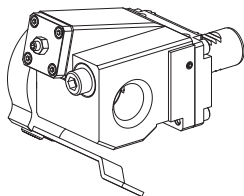
10044237 Support de pointe de guidage, réglable à la verti., ressort

Fixation Denture W
Attachement D15,4/Cône 1:7,5
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 70 / ±0,5 / 46,5 mm



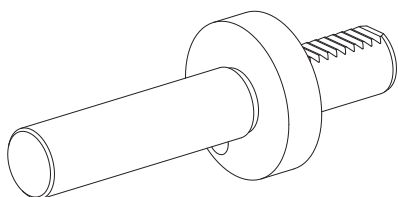
10578860 Porte-galet de marquage

Fixation aucune
Attachement –
Arrosage central, p_{max} 20 bar
X / Y / Z 65 / – / 40,5 mm



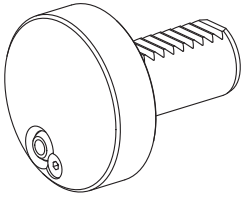
10550535 PO de maintien (têtes)

Fixation Denture W
Attachement D25
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 65 / – / 36,5 mm



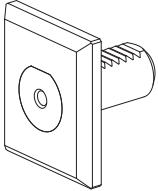
10880480 Mandrin de contrôle

Fixation aucune
Attachement –
Arrosage –
X / Y / Z 110 / – / – mm



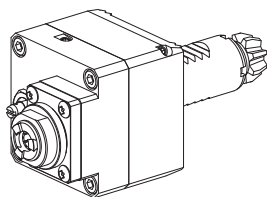
10970015 Tubulure de lubrifiant

Fixation	aucune
Attachement	–
Arrosage	–
X / Y / Z	16 / – / – mm



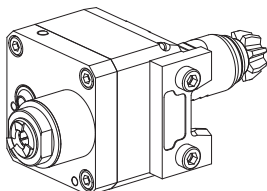
10396777 Obturateur

Fixation	–
Attachement	–
Arrosage	–
X / Y / Z	10 / – / – mm



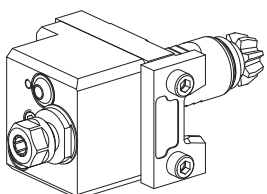
10348092 Unité de perçage

Fixation	Denture W
Attachement	ER 11
Arrosage	extérieur, p_{\max} 80 bar
Rapport vitesse	1:3 (0,333)
X / Y / Z	75 / - / 15 mm



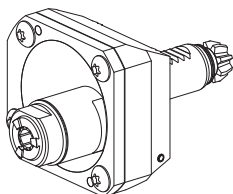
10271046 Unité de perçage

Fixation	Vés
Attachement	ER 11
Arrosage	extérieur, p_{\max} 20 bar
Rapport vitesse	1:3 (0,333)
X / Y / Z	75 / - / 15 mm



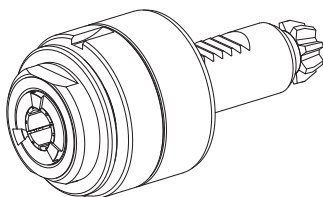
10077056 Unité de perçage

Fixation	Vés
Attachement	ER 11
Arrosage	extérieur, p_{\max} 20 bar
Rapport vitesse	1:1,33 (0,75)
X / Y / Z	70 / - / 17,5 mm



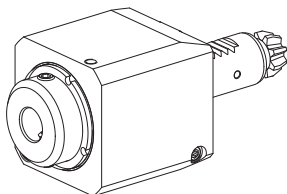
10152559 Unité de perçage, réglable à la verticale

Fixation	Denture W
Attachement	ER 16
Arrosage	extérieur, p_{\max} 20 bar
Rapport vitesse	1:2,07 (0,483)
X / Y / Z	85 / $\pm 22,5$ / 22,5 mm



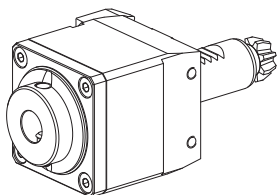
11029935 Unité de perçage

Fixation	aucune
Attachement	ER 20
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	1:1 (1)
X / Y / Z	54 / - / 0 mm



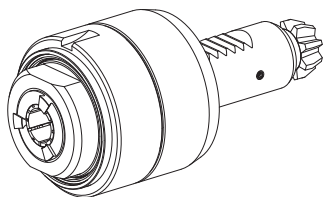
10151509 Unité de fraisage

Fixation	aucune
Attachement	DIN 1835 B/E D16
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	1:1 (1)
X / Y / Z	84 / - / 0 mm



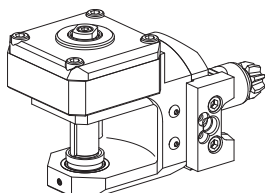
10967728 Unité de fraisage

Fixation	aucune
Attachement	D16
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	4,5:1 (4,5)
X / Y / Z	82 / - / 0 mm



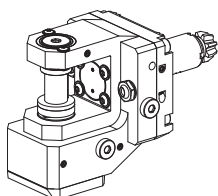
10266335 Unité de taraudage, extensible

Fixation	aucune
Attachement	ER 20
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	1:1 (1)
X / Y / Z	60 / - / 0 mm



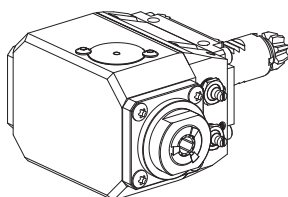
10242122 Unité de scie circulaire

Fixation	Vés
Attachement	Arbre porte- fraise D16
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	2,7:1 (2,7)
X / Y / Z	68 / - / 0 mm



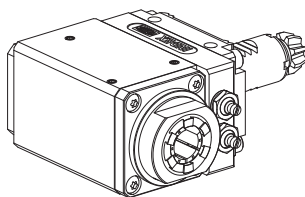
10198915 Unité de scie circulaire

Fixation	Denture W
Attachement	Arbre porte- fraise D16
Arrosage	extérieur, p_{\max} 80 bar
Rapport vitesse	2,9:1 (2,9)
X / Y / Z	74 / - / - mm



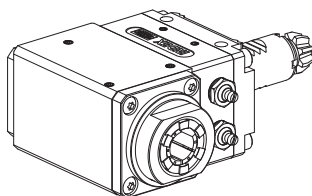
10420364 Unité de perçage

Fixation	Denture W
Attachement	ER 16
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	70 / - / 80 mm



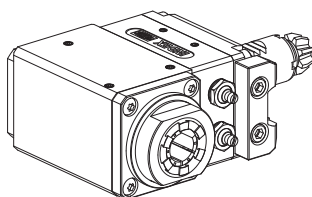
10090413 Unité de fraisage

Fixation	Denture W
Attachement	ER 25
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	60 / - / 64 mm



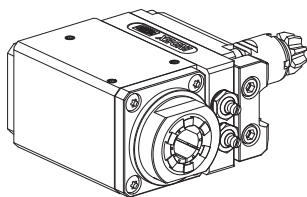
10174204 Unité de fraisage

Fixation	Denture W
Attachement	ER 25
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	70 / - / 64 mm



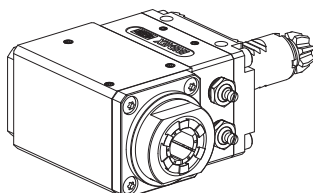
10223315 Unité de fraisage

Fixation	Vés
Attachement	ER 25
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	70 / - / 64 mm



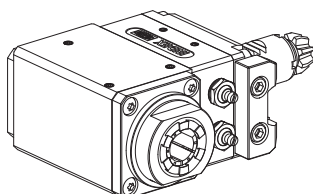
10771991 Unité de fraisage

Fixation	Vés
Attachement	ER 25
Arrosage	extérieur, en option central, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	60 / - / 64 mm



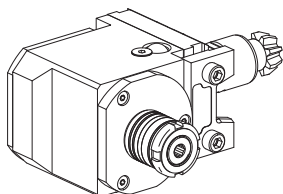
10803114 Unité de fraisage

Fixation	Denture W
Attachement	ER 25
Arrosage	extérieur, en option central, p_{max} 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	70 / - / 64 mm



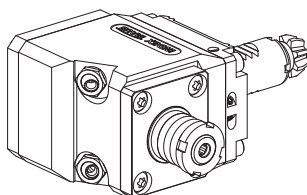
10886532 Unité de fraisage

Fixation	Vés
Attachement	ER 25
Arrosage	extérieur, en option central, p_{max} 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	70 / - / 64 mm



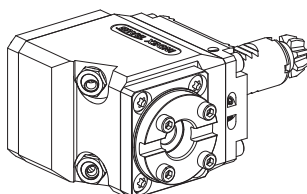
10780758 Unité de fraisage

Fixation	Vés
Attachement	Arbre porte- fraise D16
Arrosage	extérieur, p_{max} 40 bar
Rapport vitesse	2,09:1 (2,09)
X / Y / Z	55 / - / 47,5 mm



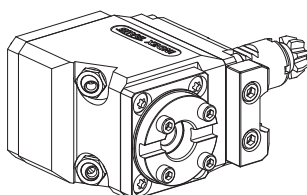
10309286 Unité de fraisage

Fixation	Denture W
Attachement	Arbre porte- fraise D16
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	2,5:1 (2,5)
X / Y / Z	55 / - / 45 mm



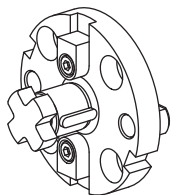
10004506 Unité de fraisage

Fixation	Denture W
Attachement	-
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	2,5:1 (2,5)
X / Y / Z	55 / - / 53 mm



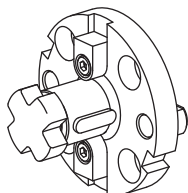
10765304 Unité de fraisage

Fixation	Vés
Attachement	-
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	2,5:1 (2,5)
X / Y / Z	55 / - / 53 mm



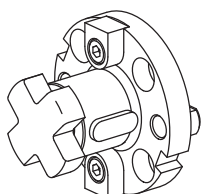
10670447 Pièce porte- fraise

Fixation	–
Attachement	Arbre porte- fraise D13
Arrosage	–
X / Y / Z	– / – / – mm



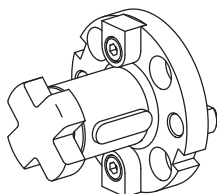
11041286 Pièce porte- fraise

Fixation	–
Attachement	Arbre porte- fraise D16
Arrosage	–
X / Y / Z	– / – / – mm



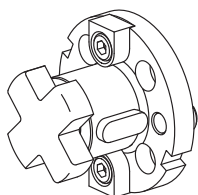
10435497 Pièce porte- fraise

Fixation	–
Attachement	Arbre porte- fraise D22
Arrosage	–
X / Y / Z	– / – / – mm



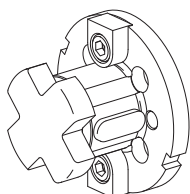
12011567 Pièce porte- fraise

Fixation	–
Attachement	Arbre porte- fraise D22
Arrosage	–
X / Y / Z	32,5 / – / – mm



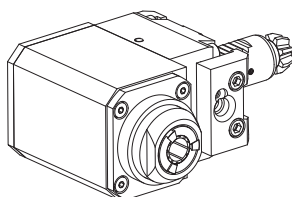
10807705 Pièce porte- fraise

Fixation	–
Attachement	Arbre porte- fraise D27
Arrosage	–
X / Y / Z	– / – / – mm



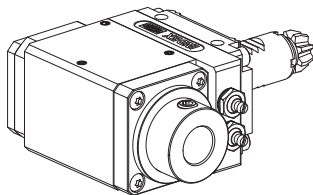
10223928 Pièce porte- fraise

Fixation	–
Attachement	Arbre porte- fraise D32
Arrosage	–
X / Y / Z	– / – / – mm



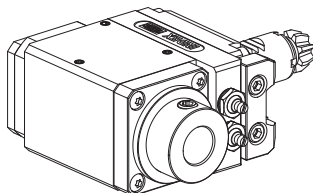
10397223 Unité de taraudage, extensible

Fixation	Réglette de serra. et de butée
Attachement	ER 20
Arrosage	extérieur, p_{max} 40 bar
Rapport vitesse	2:1 (2)
X / Y / Z	70 / – / 78 mm



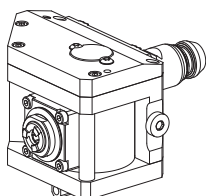
10414768 Unité de brochage/mortaisage

Fixation	Denture W
Attachement	D20
Arrosage	central et extérieur, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	60 / - / 69 mm



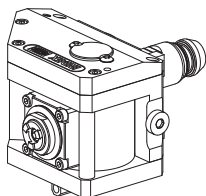
10750447 Unité de brochage/mortaisage

Fixation	Vés
Attachement	D20
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	60 / - / 69 mm



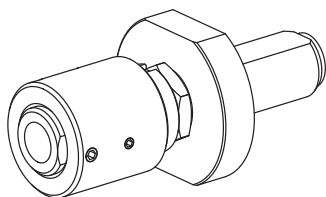
10798991 Unité de perçage, à réglage angulaire

Fixation	Denture W
Attachement	ER 11
Arrosage	extérieur, p_{\max} 80 bar
Rapport vitesse	1:1,7 (0,588)
X / Y / Z	44 / - / 37 mm



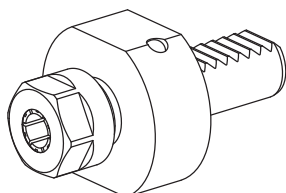
10465360 Unité de perçage, à réglage angulaire

Fixation	Vés
Attachement	ER 11
Arrosage	extérieur, p_{\max} 80 bar
Rapport vitesse	1:1,7 (0,588)
X / Y / Z	44 / - / 67 mm



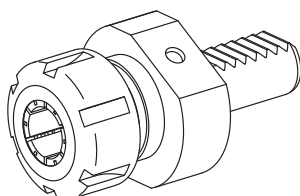
10979044 Butée matière , réglable, rotative

Fixation	aucune
Attachement	–
Arrosage	–
X / Y / Z	49,5-71,5 / – / – mm



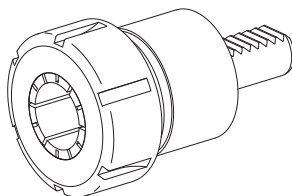
10592190 Porte-foret

Fixation	aucune
Attachement	ER 16
Arrosage	central, p_{\max} 20 bar
X / Y / Z	42,5 / – / – mm



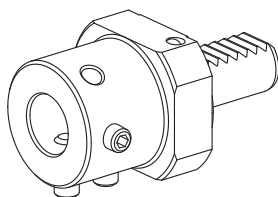
10620002 Porte-foret, Forme E4

Fixation	aucune
Attachement	ER 25
Arrosage	central, p_{\max} 80 bar
X / Y / Z	51 / – / – mm



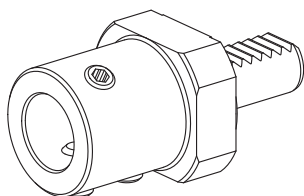
10980163 Porte-foret, Forme E4

Fixation	aucune
Attachement	ER 40
Arrosage	central, p_{\max} 20 bar
X / Y / Z	66,5 / – / – mm



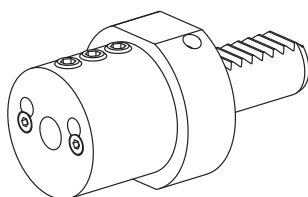
10359056 Porte-foret, Forme E1

Fixation	aucune
Attachement	DIN 1835 B/E D20
Arrosage	central, p_{\max} 20 bar
X / Y / Z	48 / – / – mm



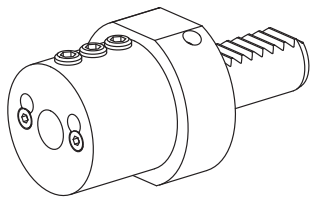
10880044 Porte-foret, Forme E1

Fixation	aucune
Attachement	DIN 1835 B/E D25
Arrosage	central, p_{\max} 80 bar
X / Y / Z	56,5 / – / – mm



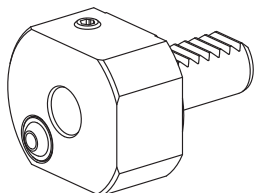
10879047 Porte-foret, Forme E2

Fixation	aucune
Attachement	D10
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	50 / – / – mm



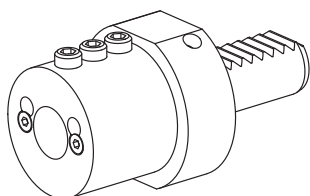
10367178 Porte-foret, Forme E2

Fixation	aucune
Attachement	D12
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	50 / - / - mm



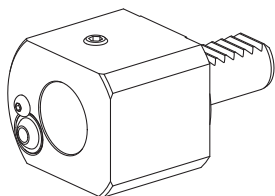
10271806 Porte-foret

Fixation	aucune
Attachement	D15
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	26 / - / - mm



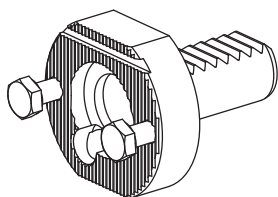
10630888 Porte-foret, Forme E2

Fixation	aucune
Attachement	D16
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	50 / - / - mm



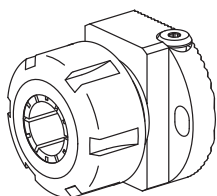
10270233 Porte-foret

Fixation	aucune
Attachement	D25
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	43 / - / - mm



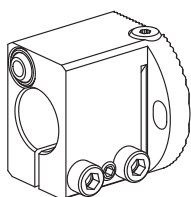
10711364 Porte-outil de base, réglable à la verticale

Fixation	aucune
Attachement	-
Arrosage	central, p_{max} 20 bar
X / Y / Z	14 / - / - mm



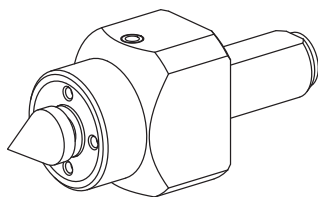
10285739 Pièce porte-foret

Fixation	-
Attachement	ER 25
Arrosage	central, p_{max} 20 bar
X / Y / Z	42,5 / - / - mm



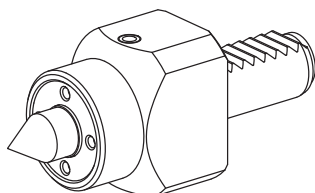
10099852 Pièce porte-foret

Fixation	-
Attachement	D20
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	40 / - / - mm



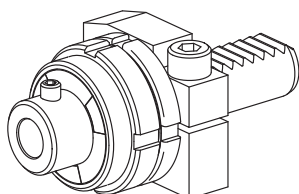
11042772 Support de pointe de guidage, sur ressort, rotative, échangeable

Fixation aucune
Attachement MK0
Arrosage –
X / Y / Z 66 / – / – mm



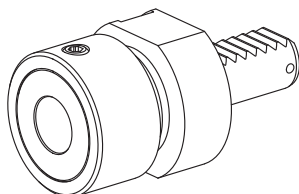
10573888 Support de pointe de guidage, sur ressort, rotative

Fixation aucune
Attachement –
Arrosage –
X / Y / Z 65 / – / – mm



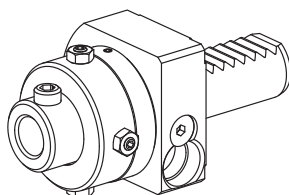
11041774 Porte-taraud, à déclenchement

Fixation aucune
Attachement D12
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 56 / – / – mm



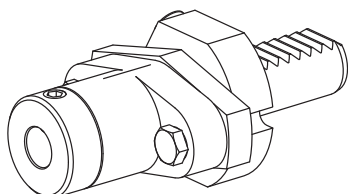
10010548 Porte-taraud

Fixation aucune
Attachement D18
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 50,5 / – / – mm



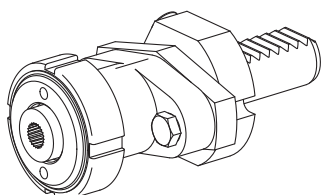
10078189 Porte-alésoir, réglable

Fixation aucune
Attachement D12
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 52 / – / – mm



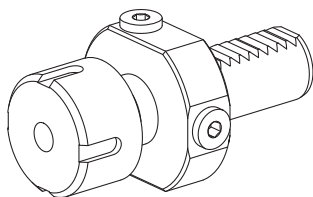
10061447 Porte-brochage/Porte-mortaise, flottant, rotative

Fixation aucune
Attachement D12
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 66 / – / – mm



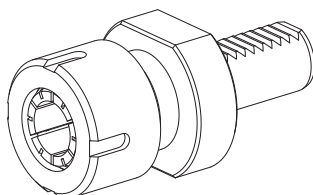
10548417 Porte-brochage/Porte-mortaise, flottant, rotative

Fixation aucune
Attachement D24
Arrosage extérieur, p_{max} 20 bar
X / Y / Z 69 / – / – mm



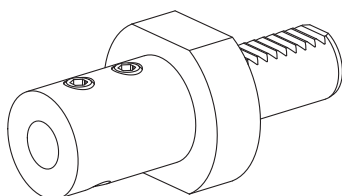
10027773 Porte-foret, Forme E4

Fixation aucune
Attachement ER 25
Arrosage central, p_{\max} 40 bar
X / Y / Z 57 / - / - mm



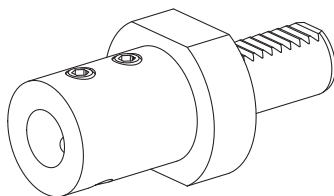
10406859 Porte-foret, Forme E4

Fixation aucune
Attachement ER 32
Arrosage central, p_{\max} 80 bar
X / Y / Z 62 / - / - mm



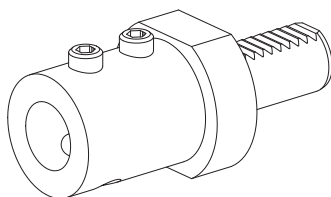
10882358 Porte-foret, Forme E1

Fixation aucune
Attachement DIN 1835 B/E D16
Arrosage central, p_{\max} 80 bar
X / Y / Z 67 / - / - mm



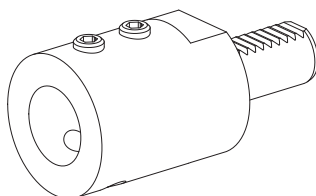
10003339 Porte-foret, Forme E1

Fixation aucune
Attachement DIN 1835 B/E D20
Arrosage central, p_{\max} 80 bar
X / Y / Z 67 / - / - mm



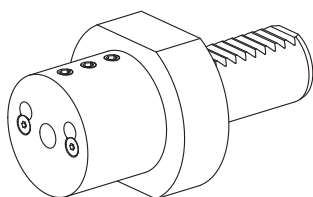
10340141 Porte-foret, Forme E1

Fixation aucune
Attachement DIN 1835 B/E D25
Arrosage central, p_{\max} 80 bar
X / Y / Z 71 / - / - mm



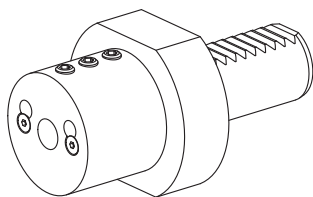
10919291 Porte-foret, Forme E1

Fixation aucune
Attachement DIN 1835 B/E D32
Arrosage central, p_{\max} 80 bar
X / Y / Z 74 / - / - mm



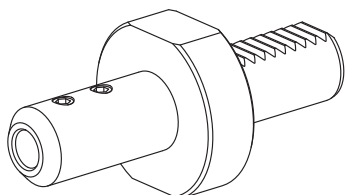
10058371 Porte-foret, Forme E2

Fixation aucune
Attachement D8
Arrosage central et extérieur, p_{\max} 80 bar
X / Y / Z 50 / - / - mm



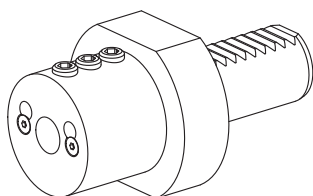
10503585 Porte-foret, Forme E2

Fixation	aucune
Attachement	D10
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm



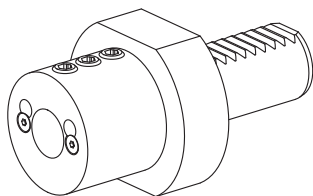
10773801 Porte-foret, Spécialement pour l'outil d'écriture WriteStar!

Fixation	aucune
Attachement	D12
Arrosage	-
X / Y / Z	68 / - / - mm



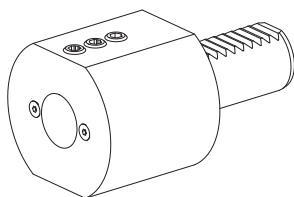
10983815 Porte-foret, Forme E2

Fixation	aucune
Attachement	D12
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm



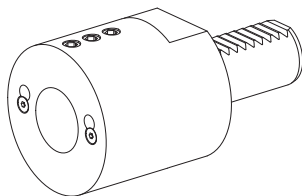
10471993 Porte-foret, Forme E2

Fixation	aucune
Attachement	D16
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm



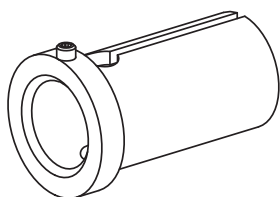
10749389 Porte-foret, Forme E2

Fixation	aucune
Attachement	D20
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm



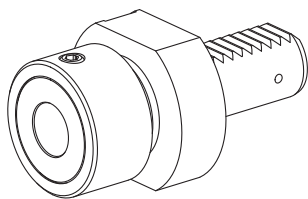
10329247 Porte-foret, Forme E2

Fixation	aucune
Attachement	D25
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	60 / - / - mm



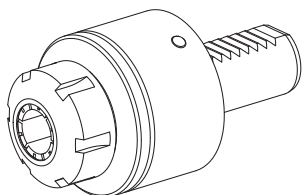
10208692 Douille de compensation

Fixation	aucune
Attachement	D3/4"
Arrosage	-
X / Y / Z	6 / - / - mm



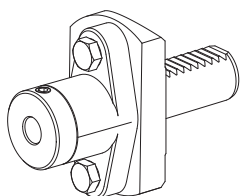
10467520 Porte-taraud, extensible

Fixation	aucune
Attachement	DIN 1835 B/E D18
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	50 / - / - mm



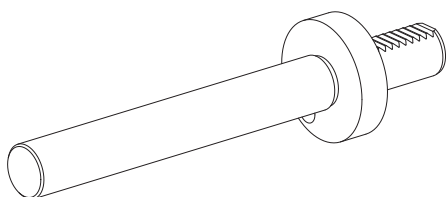
10365449 Porte-alésoir

Fixation	aucune
Attachement	ER 25
Arrosage	central, p_{\max} 20 bar
X / Y / Z	61 / - / - mm



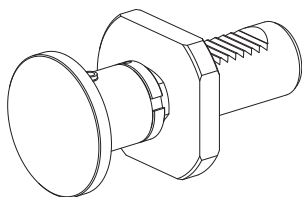
10252714 Porte-brochage/Porte-mortaise, flottant, rotative

Fixation	aucune
Attachement	D12
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	60 / - / - mm



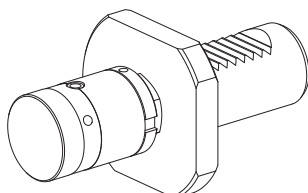
10489412 Mandrin de contrôle

Fixation	aucune
Attachement	-
Arrosage	-
X / Y / Z	190 / - / - mm



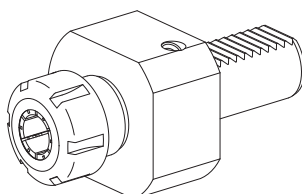
10428174 Butée matière , réglable, rotative

Fixation	aucune
Attachement	–
Arrosage	–
X / Y / Z	60 - 97 / – / – mm



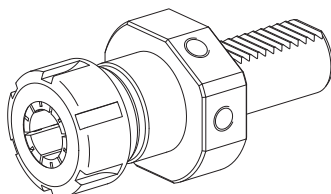
10679593 Butée matière , réglable, rotative

Fixation	aucune
Attachement	–
Arrosage	–
X / Y / Z	60 - 97 / – / – mm



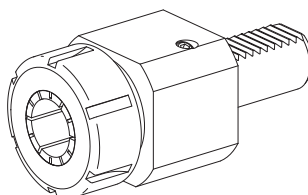
10424888 Porte-foret, Forme E4

Fixation	aucune
Attachement	ER 25
Arrosage	central, p_{max} 80 bar
X / Y / Z	68 / – / – mm



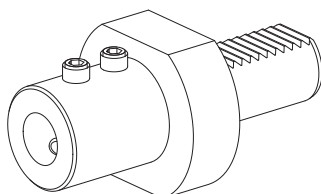
10453838 Porte-foret, Forme E4

Fixation	aucune
Attachement	ER 32
Arrosage	central, p_{max} 20 bar
X / Y / Z	76 / – / – mm



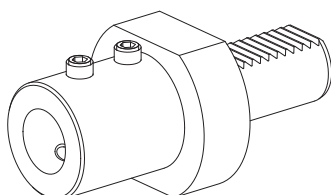
10239645 Porte-foret, Forme E4

Fixation	aucune
Attachement	ER 40
Arrosage	central, p_{max} 80 bar
X / Y / Z	80 / – / – mm



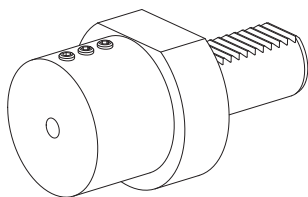
10502799 Porte-foret, Forme E1

Fixation	aucune
Attachement	DIN 1835 E D20
Arrosage	central, p_{max} 80 bar
X / Y / Z	67 / – / – mm



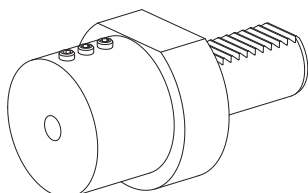
10659026 Porte-foret, Forme E1

Fixation	aucune
Attachement	DIN 1835 E D25
Arrosage	central, p_{max} 80 bar
X / Y / Z	71 / – / – mm



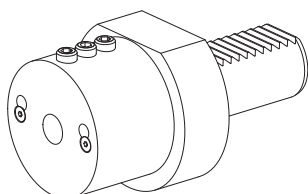
10168049 Porte-foret, Forme E2

Fixation aucune
Attachement D8
Arrosage central et extérieur, p_{\max} 20 bar
X / Y / Z 60 / - / - mm



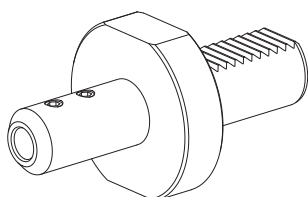
10364335 Porte-foret, Forme E2

Fixation aucune
Attachement D10
Arrosage central et extérieur, p_{\max} 20 bar
X / Y / Z 60 / - / - mm



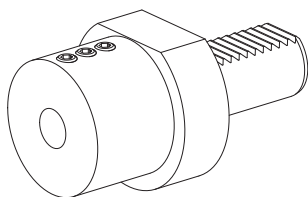
10240059 Porte-foret, Forme E2

Fixation aucune
Attachement D12
Arrosage central et extérieur, p_{\max} 20 bar
X / Y / Z 60 / - / - mm



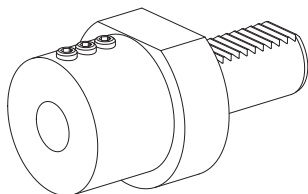
11043672 Porte-foret, Spécialement pour l'outil d'écriture WriteStar!

Fixation aucune
Attachement D12
Arrosage -
X / Y / Z 68 / - / - mm



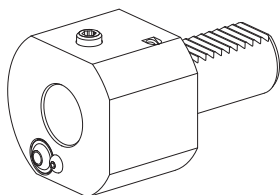
10298106 Porte-foret, Forme E2

Fixation aucune
Attachement D16
Arrosage central et extérieur, p_{\max} 20 bar
X / Y / Z 60 / - / - mm



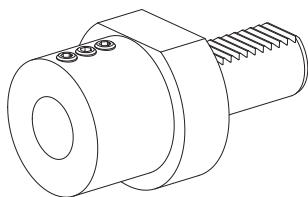
10806859 Porte-foret, Forme E2

Fixation aucune
Attachement D20
Arrosage central et extérieur, p_{\max} 20 bar
X / Y / Z 60 / - / - mm



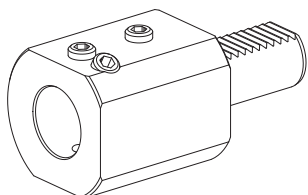
10040148 Porte-foret

Fixation aucune
Attachement D25
Arrosage central et extérieur, p_{\max} 40 bar
X / Y / Z 45 / - / - mm



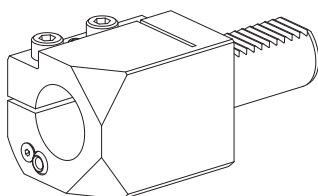
10175060 Porte-foret, Forme E2

Fixation	aucune
Attachement	D25
Arrosage	central et extérieur, p_{max} 20 bar
X / Y / Z	60 / - / - mm



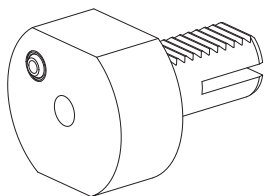
10601688 Porte-foret

Fixation	aucune
Attachement	D32
Arrosage	central, p_{max} 80 bar
X / Y / Z	73 / - / - mm



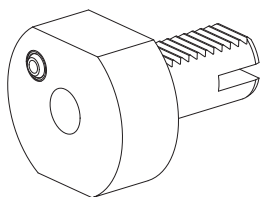
11055569 Porte-foret, Forme E2

Fixation	aucune
Attachement	D32
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	70 / - / - mm



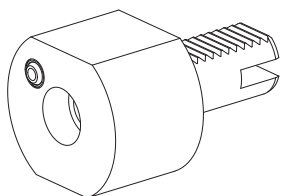
10631335 Porte-foret

Fixation	aucune
Attachement	MK1
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	30 / - / - mm



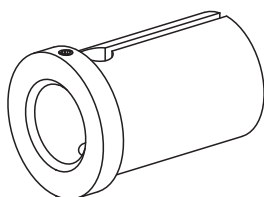
10550804 Porte-foret

Fixation	aucune
Attachement	MK2
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	27 / - / - mm



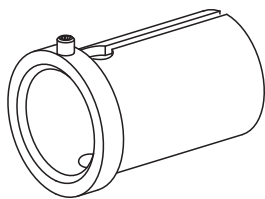
10677499 Porte-foret

Fixation	aucune
Attachement	MK3
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	45 / - / - mm



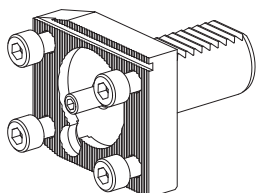
10921732 Douille de compensation

Fixation	aucune
Attachement	D3/4"
Arrosage	-
X / Y / Z	6 / - / - mm



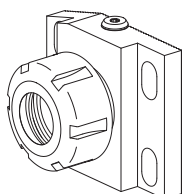
11033529 Douille de compensation

Fixation	aucune
Attachement	D1"
Arrosage	–
X / Y / Z	6 / – / – mm



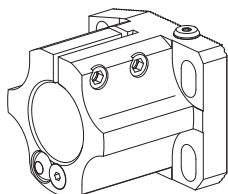
10217247 Porte-outil de base, réglable à la verticale

Fixation	aucune
Attachement	–
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	14 / – / – mm



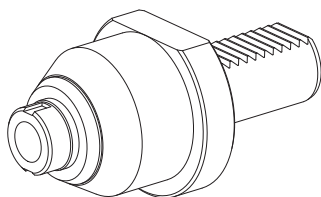
10374519 Pièce porte-foret

Fixation	–
Attachement	ER 25
Arrosage	–, p_{max} 40 bar
X / Y / Z	30 / – / – mm



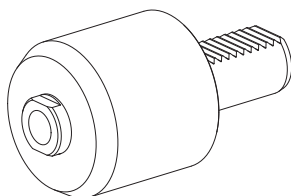
10193528 Pièce porte-foret

Fixation	–
Attachement	D32
Arrosage	–, p_{max} 40 bar
X / Y / Z	57 / – / – mm



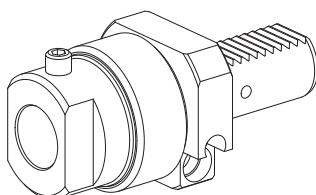
10387522 Support de pointe de guidage, sur ressort, rotative

Fixation	aucune
Attachement	D15,4/Cône 1:7,5
Arrosage	–
X / Y / Z	68,5 / – / – mm



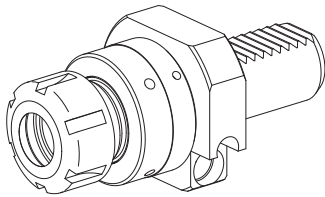
10593935 Support de pointe de guidage, rotative

Fixation	aucune
Attachement	D15,4/Cône 1:7,5
Arrosage	–
X / Y / Z	69,5 / – / – mm



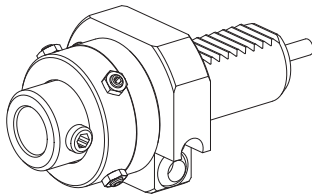
10301384 Porte-taraud, extensible

Fixation	aucune
Attachement	D25
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	73 / – / – mm



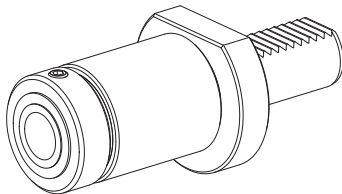
10894326 Porte-alésoir, réglable

Fixation	aucune
Attachement	ER 25
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	73,5 / - / - mm



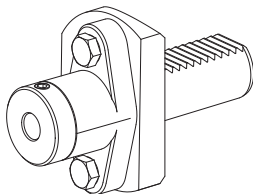
11041243 Porte-alésoir, réglable

Fixation	aucune
Attachement	D18
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	59 / - / - mm



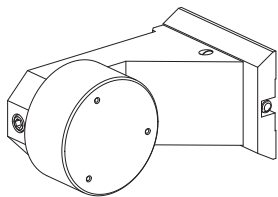
10459517 Porte-alésoir, s'autocentre

Fixation	aucune
Attachement	D20
Arrosage	central, p_{\max} 40 bar
X / Y / Z	93 / - / - mm



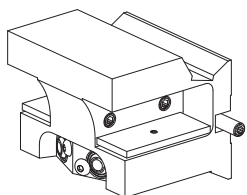
10929722 Porte-brochage/Porte-mortaise, flottant, rotative

Fixation	aucune
Attachement	D12
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	60 / - / - mm



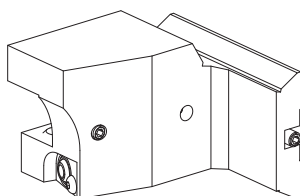
10677834 Butée matière , réglable

Fixation	aucune
Attachement	–
Arrosage	–
X / Y / Z	85 / – / -17 mm



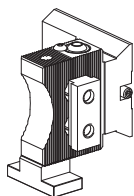
10631691 PO de tournage, double

Fixation	aucune
Attachement	Carré 20x20
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	65 / – / 0 mm



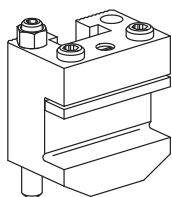
10665762 PO de tournage

Fixation	aucune
Attachement	Carré 20x20
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	85 / – / 0 mm



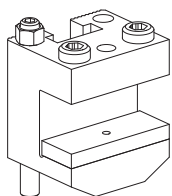
10160728 Porte-outil de base, réglable

Fixation	aucune
Attachement	–
Arrosage	extérieur, p_{max} 40 bar
X / Y / Z	52 / – / 10 mm



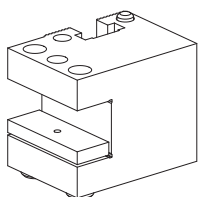
10331903 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Carré 16x10
Arrosage	–
X / Y / Z	20 / – / 18 mm



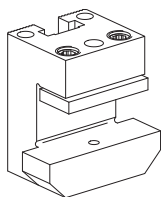
10770991 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Carré 16x16
Arrosage	–
X / Y / Z	20 / – / 17 mm



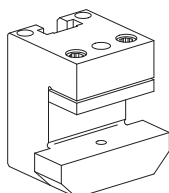
11004141 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Carré 16x16
Arrosage	–
X / Y / Z	40 / – / 40 mm



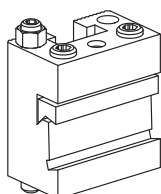
10799021 Pièce support plong/fonçage, réglable

Fixation	–
Attachement	Carré 20x20
Arrosage	–
X / Y / Z	37 / – / 28 mm



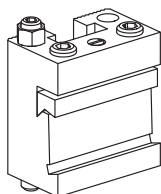
10976603 Pièce support plong/fonçage, réglable

Fixation	–
Attachement	Carré 20x20
Arrosage	–
X / Y / Z	45 / – / 28 mm



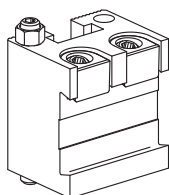
10531179 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 16x3
Arrosage	–
X / Y / Z	20 / – / 25 mm



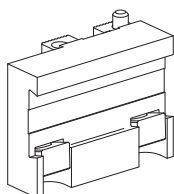
10518257 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 20x4
Arrosage	–
X / Y / Z	20 / – / 25 mm



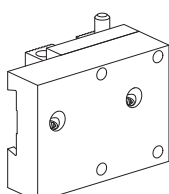
10227285 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	20 / – / 32 mm



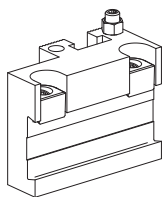
10049220 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	47,5 / – / 32 mm



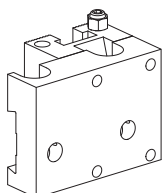
10787914 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	47,5 / – / 28,5 mm



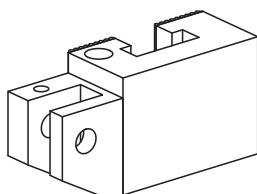
10410270 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	47,5 / – / 32 mm



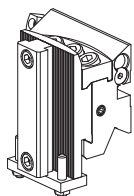
10777825 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	Trapèze 26x5
Arrosage	–
X / Y / Z	47,5 / – / 28,5 mm



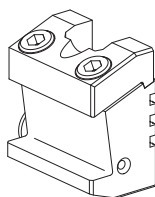
10442459 Insert porte-outil de moletage

Fixation	aucune
Attachement	D6
Arrosage	–
X / Y / Z	38 / – / 20 mm



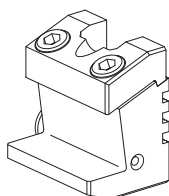
10792715 Porte-outil de base, à réglage angulaire

Fixation	aucune
Attachement	–
Arrosage	extérieur, p_{max} 40 bar
X / Y / Z	42 / – / 0 mm



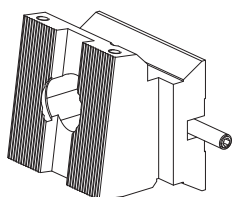
10607061 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	–
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	30 / – / – mm



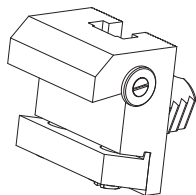
10463581 Pièce support plong/fonçage, réglable à la verticale

Fixation	–
Attachement	–
Arrosage	extérieur, p_{max} 20 bar
X / Y / Z	38 / – / – mm



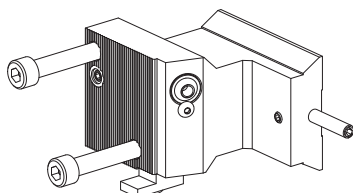
10915096 Porte-outil de base, Porte-outil plongée de forme

Fixation	aucune
Attachement	–
Arrosage	extérieur, p_{max} 40 bar
X / Y / Z	45,5 / – / 9 mm



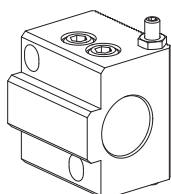
10170595 Pièce support plong/fonçage, réglable

Fixation	–
Attachement	–
Arrosage	–
X / Y / Z	40 / – / – mm



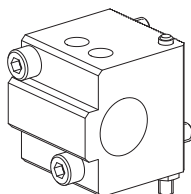
10463891 Porte-outil de base, réglable à la verticale

Fixation	aucune
Attachement	–
Arrosage	central et extérieur, p_{max} 20 bar
X / Y / Z	62 / – / -30 mm



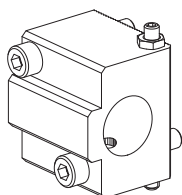
10159310 Pièce porte-foret

Fixation	–
Attachement	D25
Arrosage	central, p_{max} 20 bar
X / Y / Z	23,55 / – / – mm



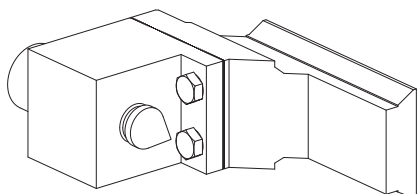
10065358 Pièce porte-foret

Fixation	aucune
Attachement	D25
Arrosage	central, p_{max} 20 bar
X / Y / Z	33,55 / – / 50 mm



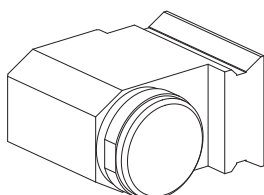
10935806 Pièce porte-foret, réglable à l'horizon., ressort

Fixation	–
Attachement	D1"
Arrosage	central, p_{max} 20 bar
X / Y / Z	23,55 / – / 50 mm



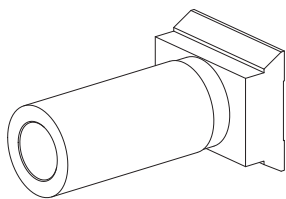
10854446 Support de pointe de guidage, sur ressort

Fixation	–
Attachement	MK1
Arrosage	–
X / Y / Z	85 / – / -71 mm



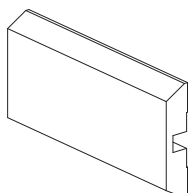
10175570 Porte-galet de marquage

Fixation	–
Attachement	–
Arrosage	–, p_{max} 40 bar
X / Y / Z	90 / – / – mm



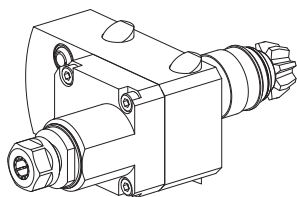
11076016 Mandrin de contrôle

Fixation	aucune
Attachement	D40
Arrosage	–
X / Y / Z	110 / – / 0 mm



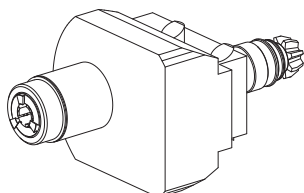
10215385 Plaque de protection, Acier

Fixation	aucune
Attachement	–
Arrosage	–
X / Y / Z	12 / – / – mm



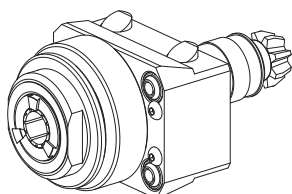
10274097 Unité de perçage

Fixation	aucune
Attachement	ER 11
Arrosage	extérieur, p_{max} 20 bar
Rapport vitesse	1:1,33 (0,75)
X / Y / Z	87 / - / 1,5 mm



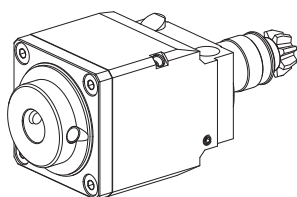
10607059 Unité de perçage, réglable à la verticale

Fixation	aucune
Attachement	ER 16
Arrosage	extérieur, p_{max} 20 bar
Rapport vitesse	1:1,93 (0,518)
X / Y / Z	105 / - / 37,5 mm



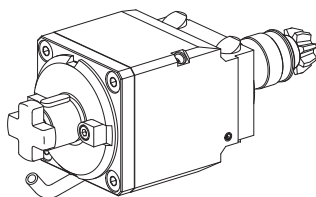
10817882 Unité de perçage

Fixation	aucune
Attachement	ER 20
Arrosage	extérieur, p_{max} 40 bar
Rapport vitesse	1:1 (1)
X / Y / Z	64 / - / -16,5 mm



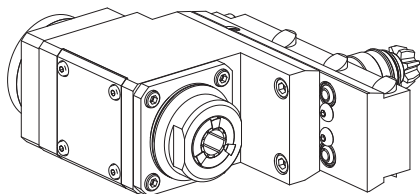
10622114 Unité de fraisage

Fixation	aucune
Attachement	DIN 1835 B/E D16
Arrosage	extérieur, p_{max} 40 bar
Rapport vitesse	4,5:1 (4,5)
X / Y / Z	96 / - / -16,5 mm



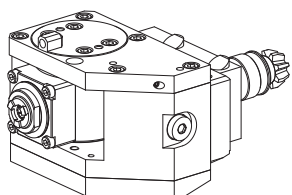
11165932 Unité de fraisage

Fixation	-
Attachement	Arbre porte- fraise D22
Arrosage	extérieur, p_{max} 40 bar
Rapport vitesse	4,5:1 (4,5)
X / Y / Z	88 / - / - mm



10130569 Unité de perçage

Fixation	aucune
Attachement	ER 20
Arrosage	extérieur, p_{max} 20 bar
Rapport vitesse	1:1,13 (0,8857)
X / Y / Z	85 / - / 36,5 mm

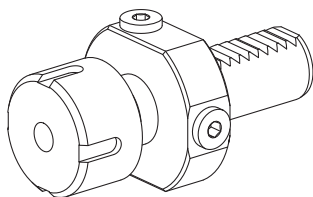


10760798 Unité de perçage, à réglage angulaire

Fixation	-
Attachement	ER 11
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1,7 (0,588)
X / Y / Z	62 / - / 37 mm

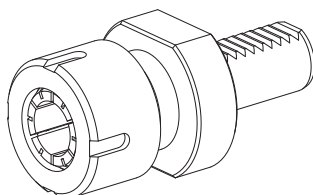
Porte-outil fixe

Queue VDI25, Usinage de la face arrière



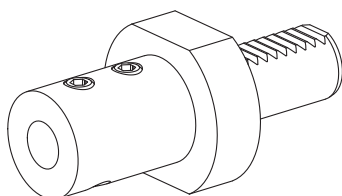
10027773 Porte-foret, Forme E4

Fixation	aucune
Attachement	ER 25
Arrosage	central, p_{max} 40 bar
X / Y / Z	57 / - / - mm



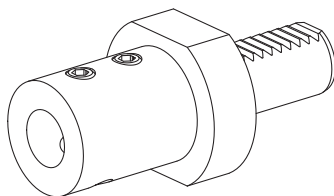
10406859 Porte-foret, Forme E4

Fixation	aucune
Attachement	ER 32
Arrosage	central, p_{max} 80 bar
X / Y / Z	62 / - / - mm



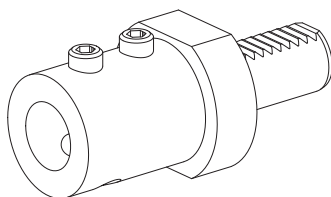
10882358 Porte-foret, Forme E1

Fixation	aucune
Attachement	DIN 1835 B/E D16
Arrosage	central, p_{max} 80 bar
X / Y / Z	67 / - / - mm



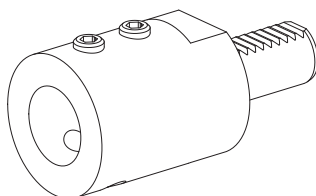
10003339 Porte-foret, Forme E1

Fixation	aucune
Attachement	DIN 1835 B/E D20
Arrosage	central, p_{max} 80 bar
X / Y / Z	67 / - / - mm



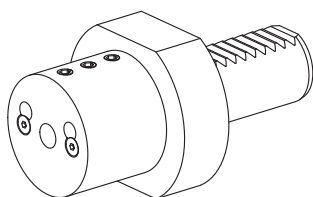
10340141 Porte-foret, Forme E1

Fixation	aucune
Attachement	DIN 1835 B/E D25
Arrosage	central, p_{max} 80 bar
X / Y / Z	71 / - / - mm



10919291 Porte-foret, Forme E1

Fixation	aucune
Attachement	DIN 1835 B/E D32
Arrosage	central, p_{max} 80 bar
X / Y / Z	74 / - / - mm

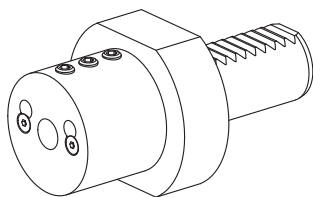


10058371 Porte-foret, Forme E2

Fixation	aucune
Attachement	D8
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm

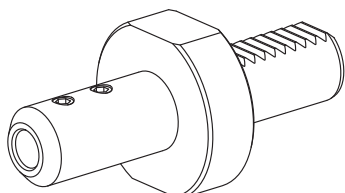
Porte-outil fixe

Queue VDI25, Usinage de la face arrière



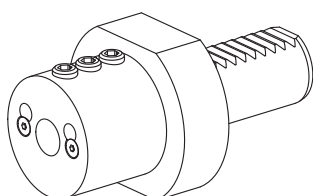
10503585 Porte-foret, Forme E2

Fixation	aucune
Attachement	D10
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm



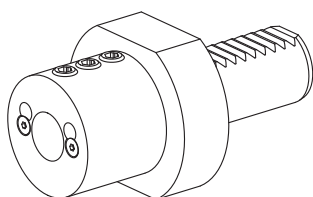
10773801 Porte-foret, Spécialement pour l'outil d'écriture WriteStar!

Fixation	aucune
Attachement	D12
Arrosage	-
X / Y / Z	68 / - / - mm



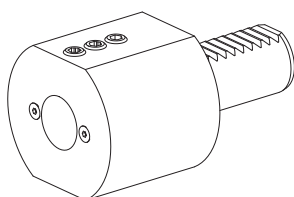
10983815 Porte-foret, Forme E2

Fixation	aucune
Attachement	D12
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm



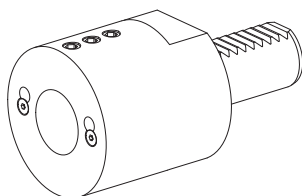
10471993 Porte-foret, Forme E2

Fixation	aucune
Attachement	D16
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm



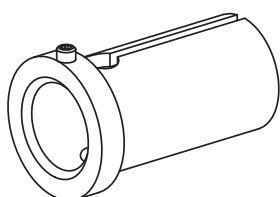
10749389 Porte-foret, Forme E2

Fixation	aucune
Attachement	D20
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	50 / - / - mm



10329247 Porte-foret, Forme E2

Fixation	aucune
Attachement	D25
Arrosage	central et extérieur, p_{max} 80 bar
X / Y / Z	60 / - / - mm

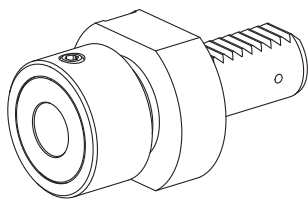


10208692 Douille de compensation

Fixation	aucune
Attachement	D3/4"
Arrosage	-
X / Y / Z	6 / - / - mm

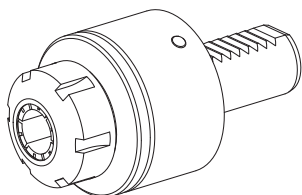
Porte-outil fixe

Queue VDI25, Usinage de la face arrière



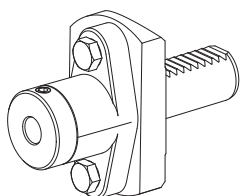
10467520 Porte-taraud, extensible

Fixation	aucune
Attachement	DIN 1835 B/E D18
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	50 / - / - mm



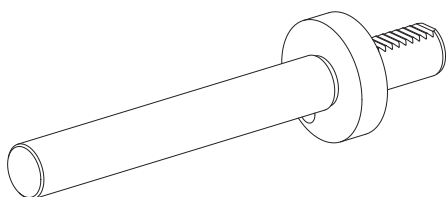
10365449 Porte-alésoir

Fixation	aucune
Attachement	ER 25
Arrosage	central, p_{\max} 20 bar
X / Y / Z	61 / - / - mm



10252714 Porte-brochage/Porte-mortaise, flottant, rotative

Fixation	aucune
Attachement	D12
Arrosage	extérieur, p_{\max} 20 bar
X / Y / Z	60 / - / - mm

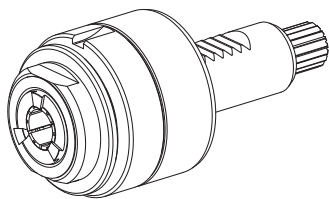


10489412 Mandrin de contrôle

Fixation	aucune
Attachement	-
Arrosage	-
X / Y / Z	190 / - / - mm

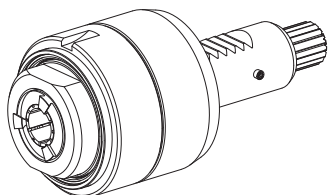
Porte-outil rotatif Queue VDI25, Usinage de la face arrière

INDEX TRAUB



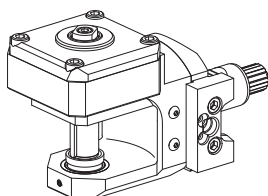
10911974 Unité de perçage

Fixation	aucune
Attachement	ER 20
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	1:1 (1)
X / Y / Z	54 / - / 0 mm



10787046 Unité de taraudage, extensible

Fixation	aucune
Attachement	ER 20
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	1:1 (1)
X / Y / Z	60 / - / 0 mm

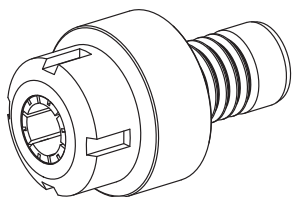


10693707 Unité de scie circulaire

Fixation	Vés
Attachement	Arbre porte- fraise D16
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	2,7:1 (2,7)
X / Y / Z	68 / - / 0 mm

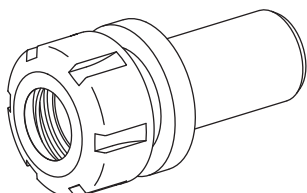
Porte-outil fixe

Queue 1", Usinage de la face arrière



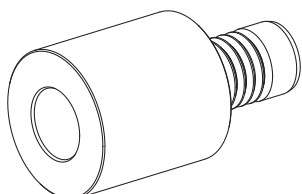
10709196 Porte-foret

Fixation	aucune
Attachement	ER 25
Arrosage	central, p_{max} 40 bar
X / Y / Z	50 / - / 0 mm



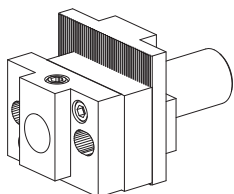
10884174 Porte-foret

Fixation	aucune
Attachement	ER 25
Arrosage	-
X / Y / Z	22 / - / - mm



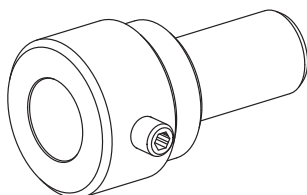
10605788 Porte-foret

Fixation	aucune
Attachement	DIN 1835 B/E D25
Arrosage	central, p_{max} 40 bar
X / Y / Z	56 / - / 0 mm



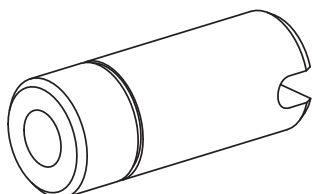
10720434 Porte-foret, réglable

Fixation	aucune
Attachement	D18
Arrosage	central, p_{max} 20 bar
X / Y / Z	56 / ± 2 / ± 2 mm



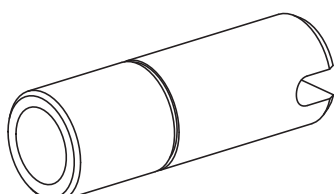
10036301 Porte-foret

Fixation	aucune
Attachement	D25
Arrosage	-
X / Y / Z	40 / - / - mm



11061115 Porte-foret

Fixation	aucune
Attachement	MK1
Arrosage	-
X / Y / Z	16 / - / - mm

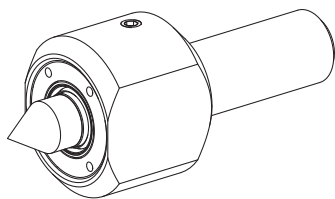


10083633 Porte-foret

Fixation	aucune
Attachement	MK2
Arrosage	-
X / Y / Z	29 / - / - mm

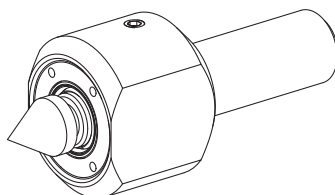
Porte-outil fixe

Queue 1", Usinage de la face arrière



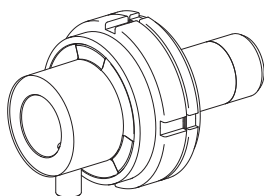
10886503 Support de pointe de guidage, sur ressort, rotative

Fixation	aucune
Attachement	D18
Arrosage	–
X / Y / Z	72,5 / – / – mm



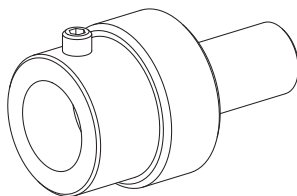
10816897 Support de pointe de guidage, sur ressort, rotative

Fixation	aucune
Attachement	MK1
Arrosage	–
X / Y / Z	72,5 / – / – mm



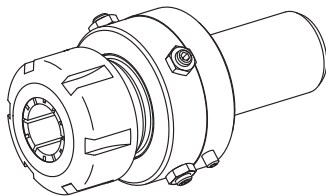
10390181 Porte-taraud, à déclenchement

Fixation	aucune
Attachement	D25
Arrosage	–
X / Y / Z	56 / – / – mm



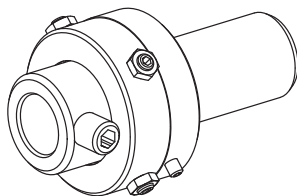
10628055 Porte-taraud, extensible

Fixation	aucune
Attachement	D25
Arrosage	–
X / Y / Z	52 / – / – mm



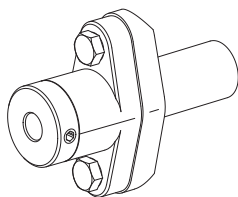
10631262 Porte-alésoir, réglable

Fixation	aucune
Attachement	ER 25
Arrosage	–
X / Y / Z	55 / – / – mm



10448325 Porte-alésoir, réglable

Fixation	aucune
Attachement	D18
Arrosage	–
X / Y / Z	41 / – / – mm

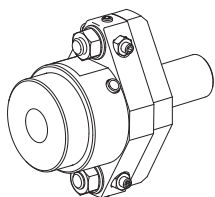


10826026 Porte-brochage/Porte-mortaise, flottant, rotative

Fixation	aucune
Attachement	D12
Arrosage	–
X / Y / Z	58 / – / – mm

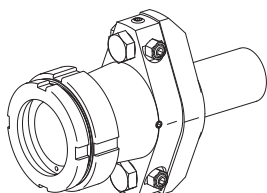
Porte-outil fixe

Queue 1", Usinage de la face arrière



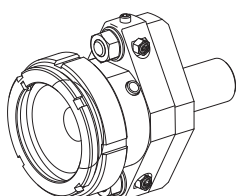
10913831 Porte-brochage/Porte-mortaise, flottant, rotative

Fixation	aucune
Attachement	D20
Arrosage	–
X / Y / Z	76 / – / – mm



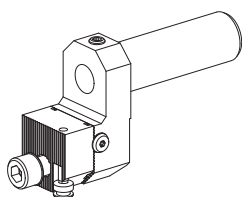
10281269 Porte-brochage/Porte-mortaise, flottant, rotative

Fixation	aucune
Attachement	D40
Arrosage	–
X / Y / Z	78-88 / – / – mm



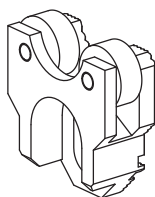
11062082 Porte-brochage/Porte-mortaise

Fixation	aucune
Attachement	D50
Arrosage	–
X / Y / Z	80-90 / – / – mm



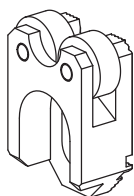
10929225 Porte-guide

Fixation	aucune
Attachement	–
Arrosage	–
X / Y / Z	57 / – / – mm



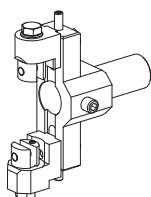
10665432 Pièce de maintien des galets, réglable

Fixation	–
Attachement	–
Arrosage	–
X / Y / Z	– / – / – mm



11002956 Pièce de maintien des galets, réglable

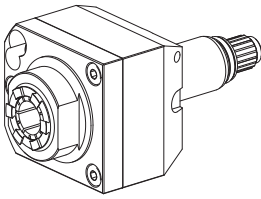
Fixation	–
Attachement	–
Arrosage	–
X / Y / Z	– / – / – mm



10722345 Porte-outil moleté, réglable

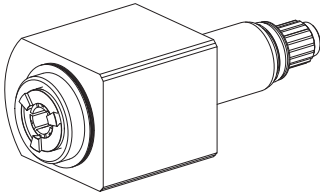
Fixation	aucune
Attachement	D6-36
Arrosage	–
X / Y / Z	– / – / – mm

Porte-outil rotatif Queue 1", Usinage de la face arrière



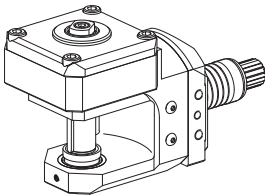
10229360 Unité de perçage

Fixation	aucune
Attachement	ER 25
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	1:1 (1)
X / Y / Z	68 / - / 0 mm



10717845 Unité de taraudage, extensible

Fixation	aucune
Attachement	ER 16
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	1:1 (1)
X / Y / Z	61 / - / 0 mm



10922705 Unité de scie circulaire

Fixation	aucune
Attachement	Arbre porte- fraise D16
Arrosage	extérieur, p_{\max} 40 bar
Rapport vitesse	2,7:1 (2,7)
X / Y / Z	75 / \pm 12,5 / 0 mm



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