

TRAUB TNL 32

Porte-outils

Présentation

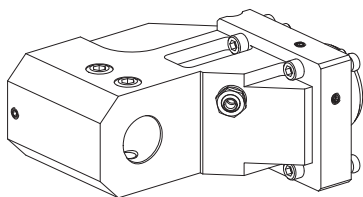
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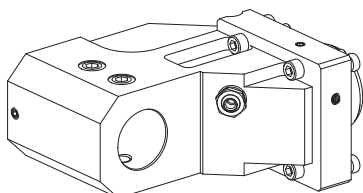
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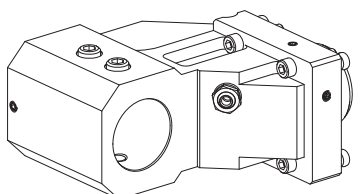
10594125 Porte-foret

Attachement	D25
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	100 / - / -5 mm



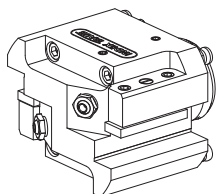
10640626 Porte-foret

Attachement	D32
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	100 / - / -5 mm



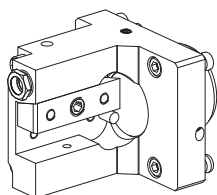
10998192 Porte-foret

Attachement	D40
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	100 / - / -5 mm



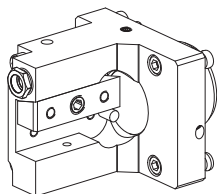
10133532 PO de tournage, double

Attachement	Carré 16x16
Arrosage	extérieur, p_{\max} 80 bar
X / Y / Z	67 / - / 30 mm



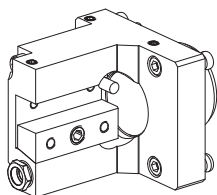
10212775 PO de tournage

Attachement	Carré 16x16
Arrosage	extérieur, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z	79 / - / -14 mm



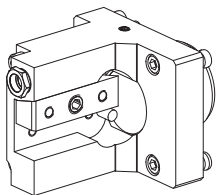
10791922 PO de tournage

Attachement	Carré 16x16
Arrosage	central et extérieur, p_{\max} 80 bar
X / Y / Z	79 / - / -14 mm



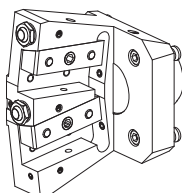
10793291 PO de tournage, marche à gauche

Attachement	Carré 16x16
Arrosage	extérieur, p_{\max} 80 bar
X / Y / Z	79 / - / -14 mm



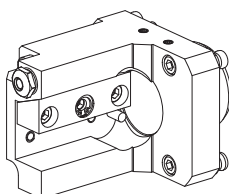
10841249 PO de tournage

Attachement Carré 16x16
Arrosage extérieur, p_{max} 80 bar
X / Y / Z 79 / - / -14 mm



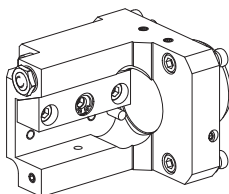
10980006 PO de tournage, double

Attachement Carré 16x16
Arrosage central et extérieur, p_{max} 80 bar
X / Y / Z 84 / $\pm 7^\circ$ / -14 mm



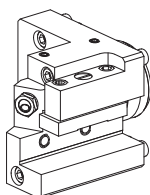
10061850 PO de tournage

Attachement Carré 20x20
Arrosage extérieur, p_{max} 80 bar
X / Y / Z 85 / - / -19 mm



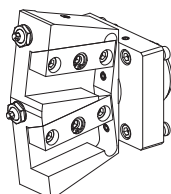
10081299 PO de tournage

Attachement Carré 20x20
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z 85 / - / -19 mm



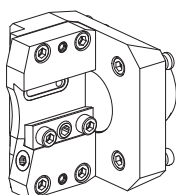
10763316 PO de tournage

Attachement Carré 20x20
Arrosage extérieur, p_{max} 80 bar
X / Y / Z 75 / - / 25 mm



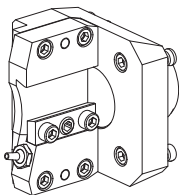
11086171 PO de tournage, double

Attachement Carré 20x20
Arrosage extérieur, p_{max} 80 bar
X / Y / Z - / $\pm 7,5^\circ$ / 4 mm



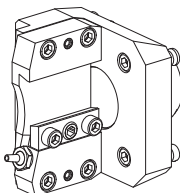
10951402 Support outil plong/fonçage

Attachement Trapèze 26x8
Arrosage central, p_{max} 80 bar
X / Y / Z 68 / - / -6 mm



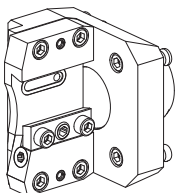
11031410 Support outil plong/fonçage

Attachement Trapèze 26x8
Arrosage extérieur, p_{max} 80 bar
X / Y / Z 68 / - / -6 mm



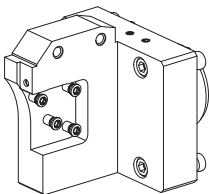
10077978 Support outil plong/fonçage

Attachement Trapèze 32x8
Arrosage extérieur, p_{max} 80 bar
X / Y / Z 68 / - / -6 mm



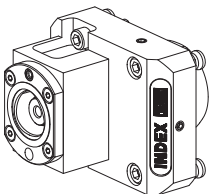
10958857 Support outil plong/fonçage

Attachement Trapèze 32x8
Arrosage central, p_{max} 80 bar
X / Y / Z 68 / - / -6 mm



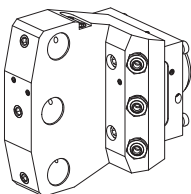
11086216 Support outil plong/fonçage, pour carto. Horn, système 842

Attachement -
Arrosage extérieur, p_{max} 80 bar
X / Y / Z 80 / - / 6 mm



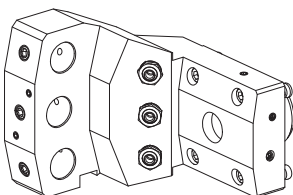
10029051 Porte-outil de base

Attachement INDEX TRAUB CAPTO C3
Arrosage central, p_{max} 80 bar
X / Y / Z 57 / - / 16 mm



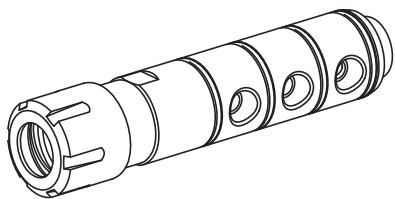
10008276 Porte-outil de base, triple

Attachement D20
Arrosage central et extérieur, p_{max} 120 bar
X / Y / Z 100 / $\pm 12,5^\circ$ / 16 mm



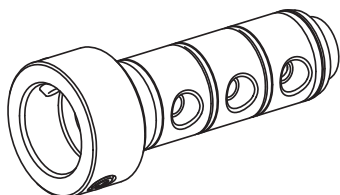
10691933 Porte-outil de base, triple

Attachement D20
Arrosage central et extérieur, p_{max} 120 bar
X / Y / Z 85 / $\pm 10^\circ$ / -82 mm



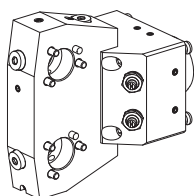
10350291 Attachement

Attachement ER 16
Arrosage central, p_{max} 80 bar
X / Y / Z - / - / - mm



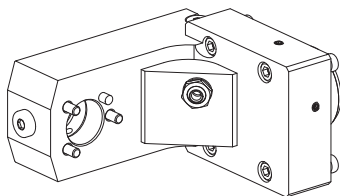
10286381 Attachement

Attachement WFB 20-12
Arrosage central, p_{max} 80 bar
X / Y / Z - / - / - mm



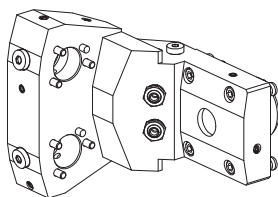
10096776 Porte-outil de base, double

Attachement D24
Arrosage central et extérieur, p_{max} 80 bar
X / Y / Z 100 / $\pm 9^\circ$ / 16 mm



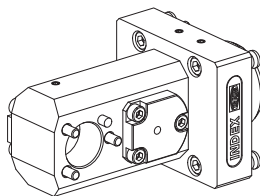
10160521 Porte-outil de base

Attachement D24
Arrosage central et extérieur, p_{max} 80 bar
X / Y / Z 100 / - / -35 mm



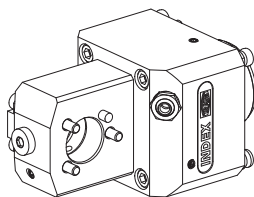
10202279 Porte-outil de base, double

Attachement D24
Arrosage central et extérieur, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 85 / $\pm 9^\circ$ / -82 mm



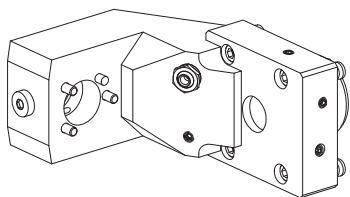
10232523 Porte-outil de base, double

Attachement D24
Arrosage central, p_{max} 80 bar
X / Y / Z 50 + 92 / - / 17,5 mm



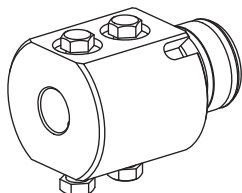
10896577 Porte-outil de base

Attachement D24
Arrosage central et extérieur, p_{max} 80 bar, AC optionnel 120 bar
X / Y / Z 85 / - / 16 mm



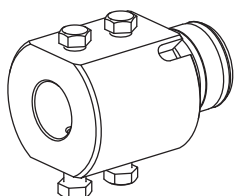
10898972 Porte-outil de base

Attachement D24
Arrosage central et extérieur, p_{\max} 80 bar, AC optionnel 120 bar
X / Y / Z 85 / - / -71 mm



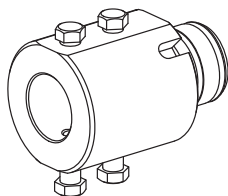
10069528 Attachement

Attachement D12
Arrosage central, p_{\max} 80 bar
X / Y / Z 36 / - / - mm



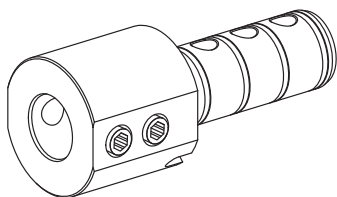
10506517 Attachement

Attachement D16
Arrosage central, p_{\max} 80 bar
X / Y / Z 36 / - / - mm



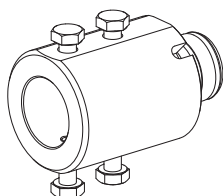
10401858 Attachement

Attachement D20
Arrosage central, p_{\max} 80 bar
X / Y / Z 40 / - / - mm



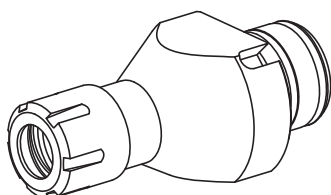
10585914 Attachement

Attachement D20
Arrosage central, p_{\max} 80 bar
X / Y / Z - / - / - mm



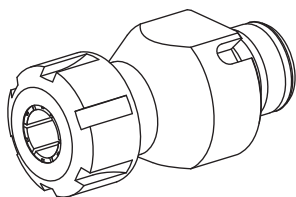
10734045 Attachement

Attachement D25
Arrosage central, p_{\max} 80 bar
X / Y / Z 52 / - / - mm



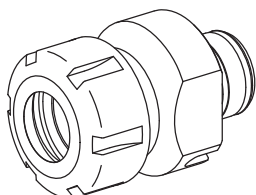
10355081 Attachement

Attachement ER 16
Arrosage central, p_{\max} 80 bar
X / Y / Z 54 / - / - mm



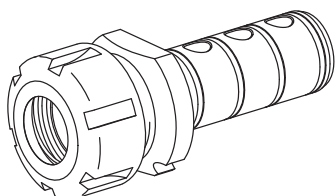
11056269 Attachement

Attachement ER 20
Arrosage central, p_{max} 80 bar
X / Y / Z 54 / - / - mm



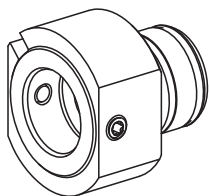
10195583 Attachement

Attachement ER 25
Arrosage central, p_{max} 80 bar
X / Y / Z 47 / - / - mm



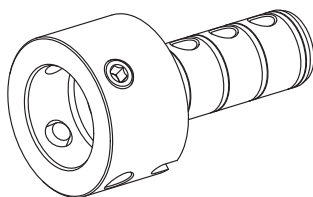
11072565 Attachement

Attachement ER 25
Arrosage central, p_{max} 80 bar
X / Y / Z - / - / - mm



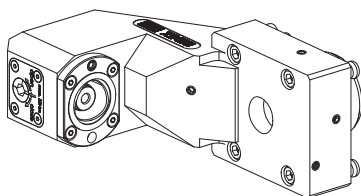
11070391 Attachement

Attachement WFB 20-12
Arrosage central, p_{max} 80 bar
X / Y / Z 19 / - / - mm



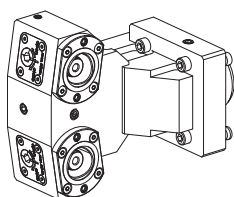
10049618 Attachement

Attachement WFB 32-20
Arrosage central, p_{max} 80 bar
X / Y / Z - / - / - mm



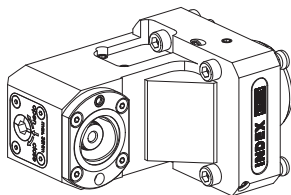
10164213 Porte-outil de base

Attachement INDEX TRAUB CAPTO C3
Arrosage central, p_{max} 80/120 bar
X / Y / Z 85 / - / -71 mm



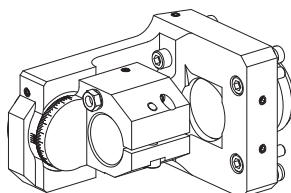
10274738 Porte-outil de base, double

Attachement INDEX TRAUB CAPTO C3
Arrosage central, p_{max} 80 bar
X / Y / Z 100 / - / 0 mm



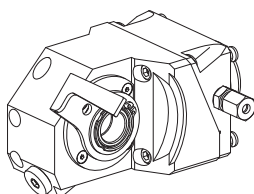
11026230 Porte-outil de base

Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, p_{max} 80/120 bar
X / Y / Z	85 / - / 6 mm



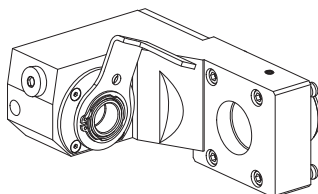
10495336 Porte-outil de base, à réglage angulaire

Attachement	D28
Arrosage	extérieur, p_{max} 80 bar
X / Y / Z	98 / - / - mm



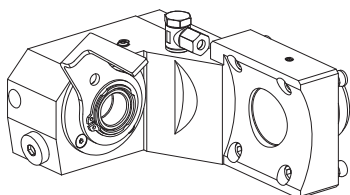
10036712 PO de maintien (têtes), têtes à rouler de Fette

Attachement	D25 et Réducteur D3/4 "
Arrosage	extérieur, p_{max} 80 bar
X / Y / Z	81 / - / 22,5 mm



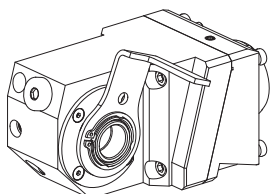
10165449 PO de maintien (têtes), têtes à rouler de Wagner

Attachement	D25 et Réducteur D3/4 "
Arrosage	extérieur, p_{max} 80 bar
X / Y / Z	81 / - / -63 mm



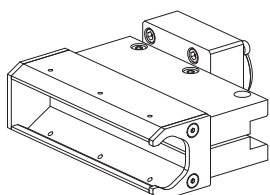
10262505 PO de maintien (têtes), têtes à rouler de Fette

Attachement	D25 et Réducteur D3/4 "
Arrosage	extérieur, p_{max} 80 bar
X / Y / Z	81 / - / -63 mm



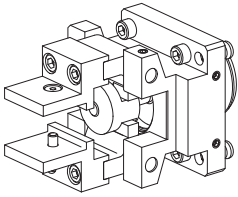
10268808 PO de maintien (têtes), têtes à rouler de Wagner

Attachement	D25 et Réducteur D3/4 "
Arrosage	extérieur, p_{max} 80 bar
X / Y / Z	96 / - / 28 mm



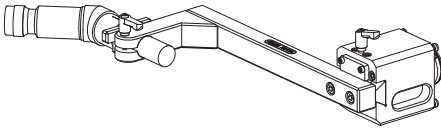
10190798 Godet de réception

Attachement	-
Arrosage	-
X / Y / Z	- / - / - mm



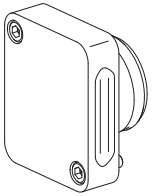
10202341 Pince

Attachement –
Arrosage –
X / Y / Z 102 / – / – mm



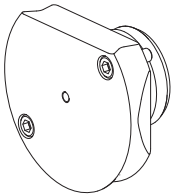
12088836 Dispositif de mesure

Attachement SK40
Arrosage –
X / Y / Z – / – / – mm



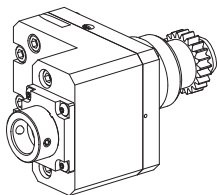
10076041 Obturbateur, Plastique

Attachement –
Arrosage –
X / Y / Z 18 / – / 0 mm



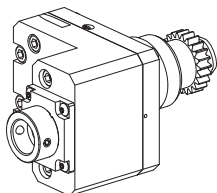
10678564 Obturbateur, Acier

Attachement –
Arrosage –
X / Y / Z 18 / – / – mm



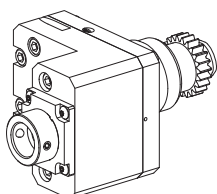
10101775 Unité de perçage

Attachement WFB 20-12
Arrosage extérieur, p_{\max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:2,53 (0,395)
X / Y / Z 84 / - / 30 mm



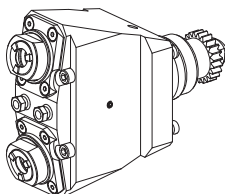
10403744 Unité de perçage

Attachement WFB 20-12
Arrosage extérieur, p_{\max} 80 bar
Rapport vitesse 1:2,53 (0,395)
X / Y / Z 84 / - / 30 mm



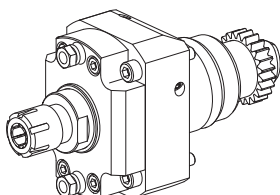
10523436 Unité de perçage

Attachement WFB 20-12
Arrosage central et extérieur, p_{\max} 80 bar
Rapport vitesse 1:2,53 (0,395)
X / Y / Z 84 / - / -30 mm



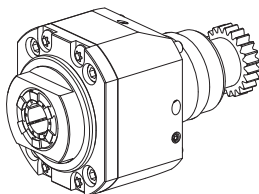
10331975 Unité de fraisage, double

Attachement ER 16
Arrosage extérieur, p_{\max} 80 bar
Rapport vitesse 1:1 (1)
X / Y / Z 102,5 / $\pm 10^\circ$ / - mm



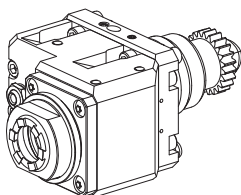
11025065 Unité de fraisage

Attachement ER 16
Arrosage extérieur, p_{\max} 80 bar
Rapport vitesse 1:1 (1)
X / Y / Z 82 / - / - mm



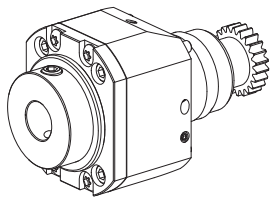
11028968 Unité de fraisage

Attachement ER 25
Arrosage extérieur, p_{\max} 80 bar
Rapport vitesse 1:1 (1)
X / Y / Z 65 / - / - mm



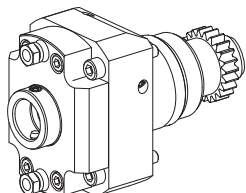
10444676 Unité de fraisage

Attachement ER 25
Arrosage central et extérieur, p_{\max} 80 bar
Rapport vitesse 2:1 (2)
X / Y / Z 92,5 / - / 31 mm



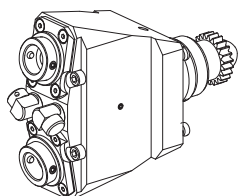
10064074 Unité de fraisage

Attachement	DIN 1835 B/E D20
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	70 / - / - mm



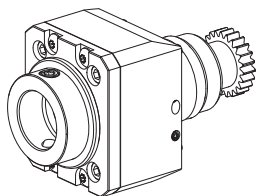
10312537 Unité de fraisage

Attachement	WFB 20-12
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	54 / - / - mm



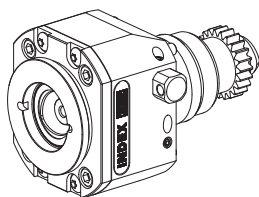
11034138 Unité de fraisage, double

Attachement	WFB 20-12
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	103 / - / 0 mm



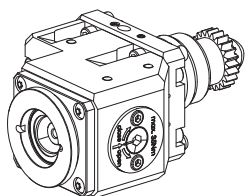
10087003 Unité de fraisage

Attachement	WFB 32-20
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	70 / - / - mm



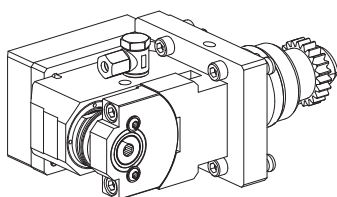
10320830 Unité de fraisage

Attachement	INDEX TRAUB CAPTO C3
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	56 / - / - mm



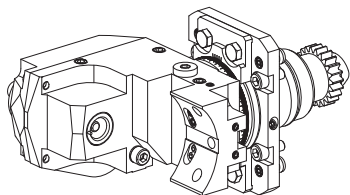
10702740 Unité de fraisage

Attachement	INDEX TRAUB CAPTO C3
Arrosage	central et extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	92,5 / - / 31 mm



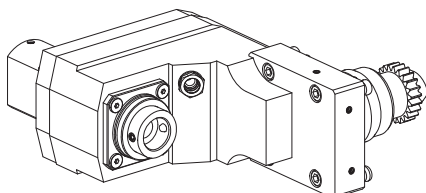
10002613 Unité de scie circulaire

Attachement	Arbre porte- fraise D22
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	6,4:1 (6,4)
X / Y / Z	84 / - / 4 mm



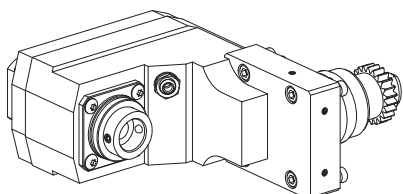
10339583 Unité de taillage d'engrenage

Attachement	–
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	3:1 (3)
X / Y / Z	92 / – / 0 mm



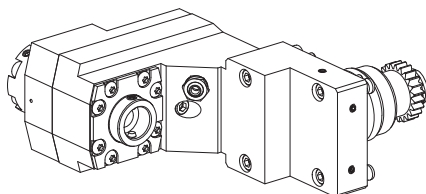
10776088 Unité de perçage

Attachement	WFB 20-12
Arrosage	central et extérieur, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse	1:1,66 (0,6)
X / Y / Z	95 / – / -40 mm



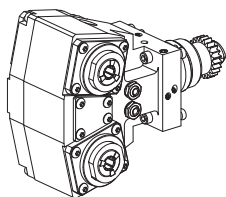
12013669 Unité de perçage

Attachement	WFB 20-12
Arrosage	extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse	1:1,66 (0,6)
X / Y / Z	95 / – / -40 mm



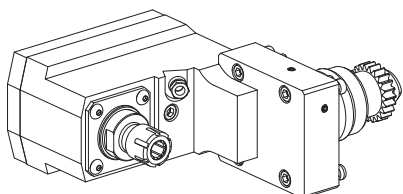
10849067 Unité de perçage

Attachement	WFB 20-12
Arrosage	central et extérieur, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / – / -60 mm



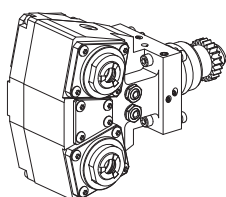
10315458 Unité de fraisage, double

Attachement	ER 16
Arrosage	extérieur, en option central, p_{max} 80 bar
Rapport vitesse	1:1,11 (0,904)
X / Y / Z	94,24 / $\pm 10,94^\circ$ / 55 mm



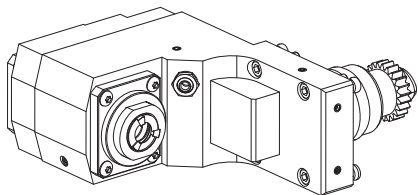
10148863 Unité de fraisage

Attachement	ER 16
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	100 / – / -9 mm



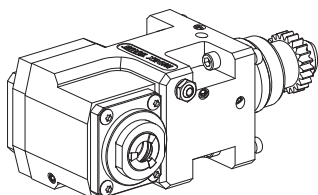
10380602 Unité de fraisage, double

Attachement	ER 16
Arrosage	extérieur, en option central, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	94,24 / $\pm 10,94^\circ$ / 55 mm



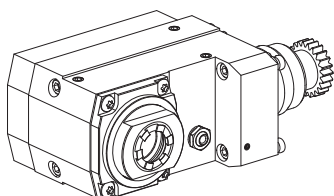
10507891 Unité de fraisage

Attachement	ER 16
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / - / -40 mm



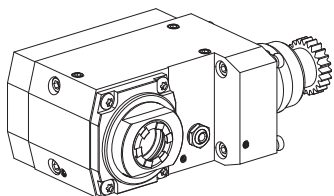
10747003 Unité de fraisage

Attachement	ER 16
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / - / 54 mm



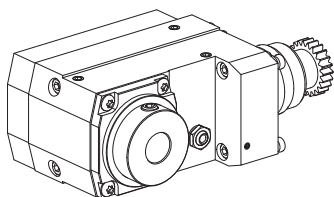
10882012 Unité de fraisage

Attachement	ER 25
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	100 / - / 40 mm



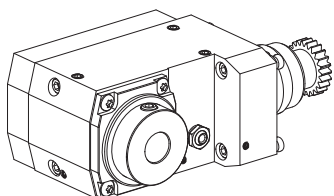
10058965 Unité de fraisage

Attachement	ER 25
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1,5:1 (1,5)
X / Y / Z	100 / - / 40 mm



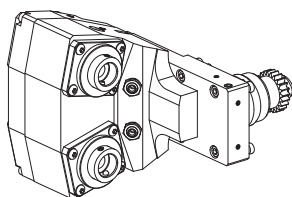
10505421 Unité de fraisage

Attachement	DIN 1835 B/E D20
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	100 / - / 45 mm



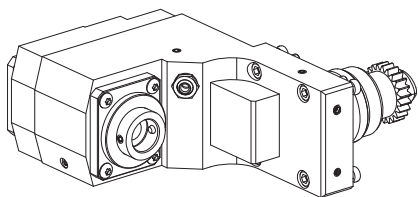
10759288 Unité de fraisage

Attachement	DIN 1835 B/E D20
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1,5:1 (1,5)
X / Y / Z	100 / - / 45 mm



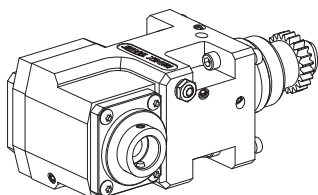
10818280 Unité de fraisage, double

Attachement	WFB 20-12
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1,08 (0,93)
X / Y / Z	94,24 / $\pm 10,94^\circ$ / -37 mm



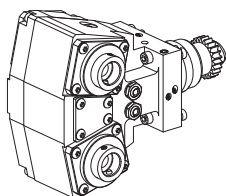
10048477 Unité de fraisage

Attachement	WFB 20-12
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / - / -37 mm



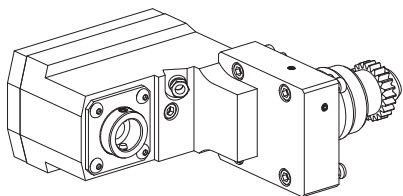
10223075 Unité de fraisage

Attachement	WFB 20-12
Arrosage	extérieur, en option central, p_{\max} 80/120 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / - / 57 mm



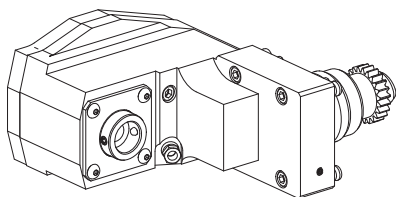
10242271 Unité de fraisage, double

Attachement	WFB 20-12
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	94,24 / $\pm 10,94^\circ$ / 58 mm



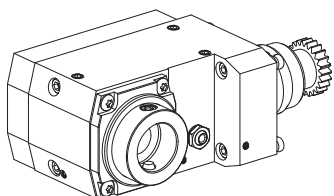
10826261 Unité de fraisage

Attachement	WFB 20-12
Arrosage	extérieur, p_{\max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	100 / - / -37 mm



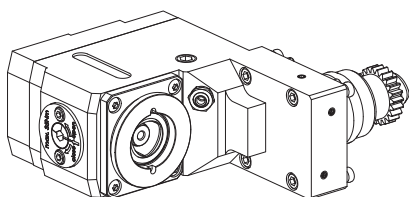
10672245 Unité de fraisage

Attachement	WFB 20-12
Arrosage	extérieur, p_{\max} 80 bar
Rapport vitesse	3:1 (3)
X / Y / Z	100 / - / -37 mm



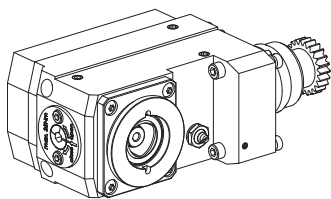
10667426 Unité de fraisage

Attachement	WFB 32-20
Arrosage	extérieur, en option central, p_{\max} 80 bar
Rapport vitesse	1,5:1 (1,5)
X / Y / Z	100 / - / 45 mm



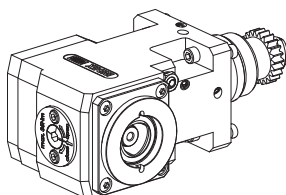
10590497 Unité de fraisage

Attachement	INDEX TRAUB CAPTO C3
Arrosage	central et extérieur, p_{\max} 80/120 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / - / -35 mm



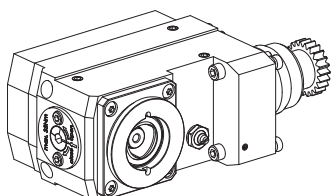
10704253 Unité de fraisage

Attachement	INDEX TRAUB CAPTO C3
Arrosage	extérieur, en option central, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	100 / - / 30 mm



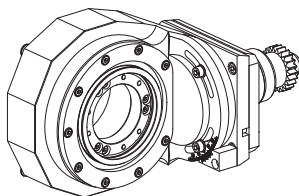
10778613 Unité de fraisage

Attachement	INDEX TRAUB CAPTO C3
Arrosage	extérieur, en option central, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / - / 65,5 mm



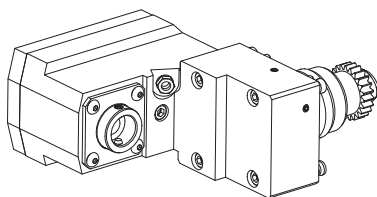
10050942 Unité de fraisage

Attachement	INDEX TRAUB CAPTO C3
Arrosage	extérieur, en option central, p_{max} 80 bar
Rapport vitesse	1,5:1 (1,5)
X / Y / Z	100 / - / 30 mm



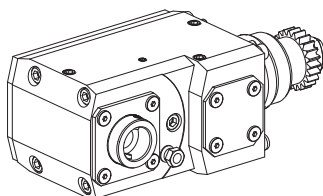
10834539 Uté tourbillonnage filets

Attachement	-
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	98,5 / - / -6 mm



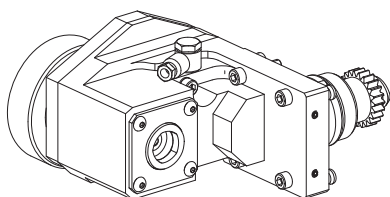
10440727 Unité de brochage/mortaisage

Attachement	WFB 20-12
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / - / -37 mm



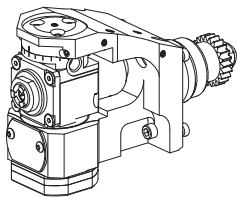
10493352 Unité de brochage/mortaisage

Attachement	WFB 20-12
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	95 / - / 44,2 mm



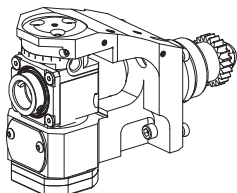
10140133 Unité de polygonage

Attachement	WFK 20-12
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	3:1 (3)
X / Y / Z	85 / - / 13,5 mm



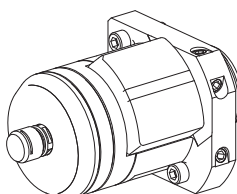
10338465 Unité de fraisage, à réglage angulaire

Attachement	ER 11
Arrosage	central et extérieur, p_{\max} 80 bar
Rapport vitesse	1:1,11 (0,904)
X / Y / Z	81 / 17 / – mm



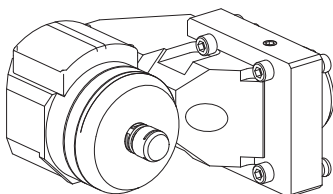
12024264 Unité de fraisage, à réglage angulaire

Attachement	WFB 20-12
Arrosage	central et extérieur, p_{\max} 80 bar
Rapport vitesse	1:1,11 (0,904)
X / Y / Z	81 / 17 / – mm



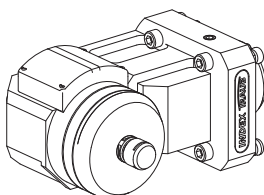
12051079 Broche fluide

Attachement	ER 11
Arrosage	extérieur, p_{\max} 40 bar
X / Y / Z	/ – / – mm



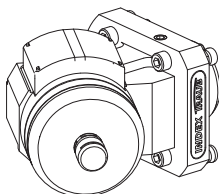
12054343 Broche fluide

Attachement	ER 11
Arrosage	extérieur, p_{\max} 40 bar
X / Y / Z	85 / – / 16 mm



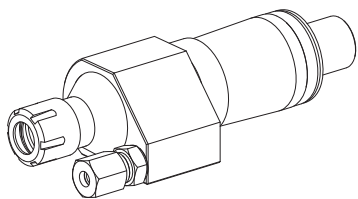
12054424 Broche fluide

Attachement	ER 11
Arrosage	extérieur, p_{\max} 40 bar
X / Y / Z	96 / – / 61 mm



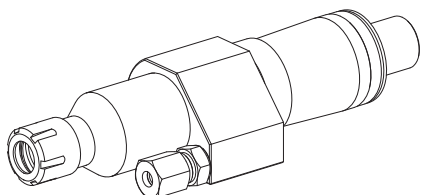
12054445 Broche fluide

Attachement	ER 11
Arrosage	extérieur, p_{\max} 40 bar
X / Y / Z	– / – / – mm



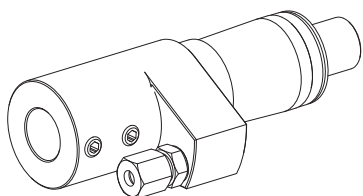
10084655 Porte-foret

Attachement ER 16
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 71 mm



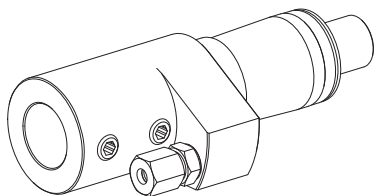
10351277 Porte-foret

Attachement ER 16
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 101 mm



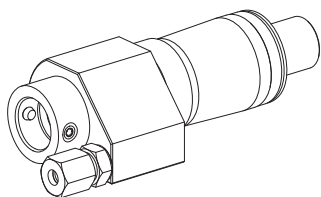
10004035 Porte-foret

Attachement D20
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 65 mm



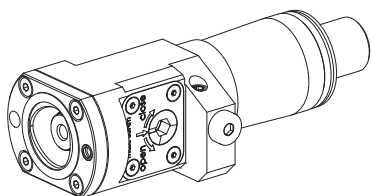
11093079 Porte-foret

Attachement D25
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 70 mm



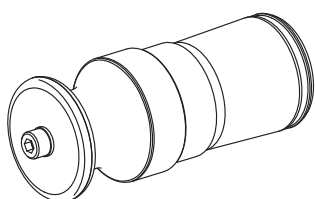
10444278 Porte-outil de base

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 50 mm



10978127 Porte-outil de base

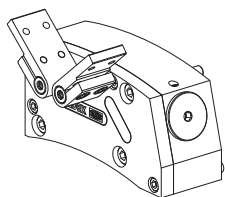
Attachement INDEX TRAUB CAPTO C3
Arrosage central et extérieur, p_{max} 120 bar
X / Y / Z 60 / - / - mm



10990024 Obturateur, Acier

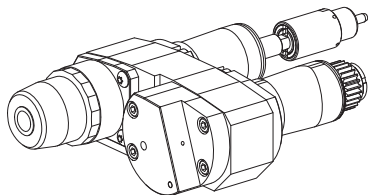
Attachement -
Arrosage -
X / Y / Z - / - / 40 mm

Porte-outil fixe Unité frontale



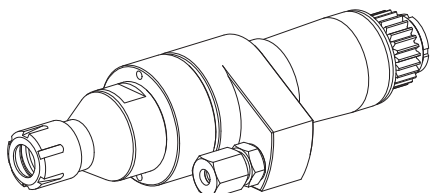
10331180 Pince

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



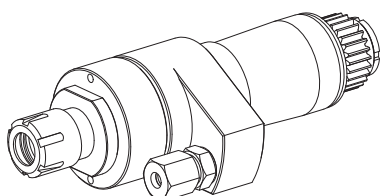
10238643 Unité de perçage

Attachement	Hydroexpansible D12
Arrosage	extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse	1:1 (1)
X / Y / Z	- / - / - mm



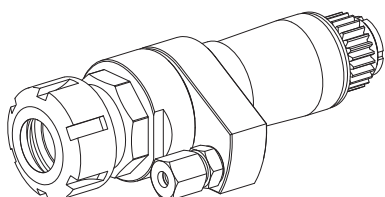
10131003 Unité de fraisage

Attachement	ER 16
Arrosage	extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse	1:1 (1)
X / Y / Z	- / - / 103 mm



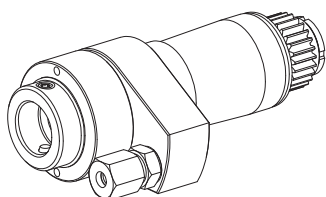
10568753 Unité de fraisage

Attachement	ER 16
Arrosage	extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse	1:1 (1)
X / Y / Z	- / - / 80 mm



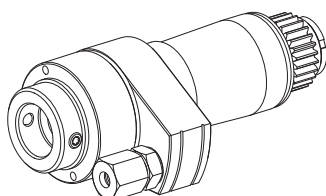
12033878 Unité de fraisage

Attachement	ER 25
Arrosage	extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse	1:1 (1)
X / Y / Z	- / - / 74 mm



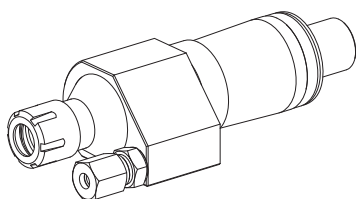
11026976 Unité de fraisage

Attachement	WFB 20-12
Arrosage	extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse	1:1 (1)
X / Y / Z	- / - / 50 mm



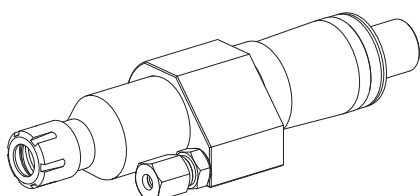
10052913 Unité de brochage/mortaisage

Attachement	WFB 20-12
Arrosage	extérieur, p_{max} 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	- / - / 51 mm



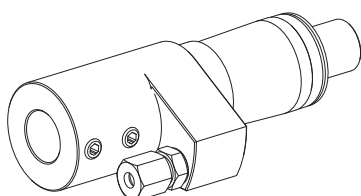
10084655 Porte-foret

Attachement ER 16
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 71 mm



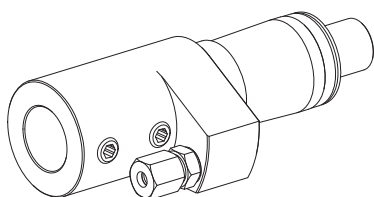
10351277 Porte-foret

Attachement ER 16
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 101 mm



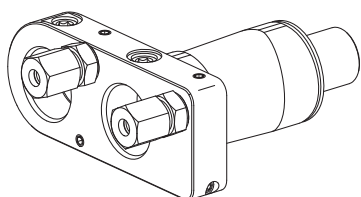
10004035 Porte-foret

Attachement D20
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 65 mm



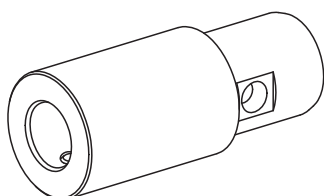
11093079 Porte-foret

Attachement D25
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 70 mm



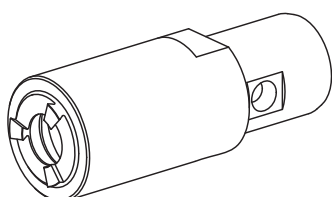
10628631 Porte-outil de base, double

Attachement D25
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
X / Y / Z - / 0 + 43 / 15 mm



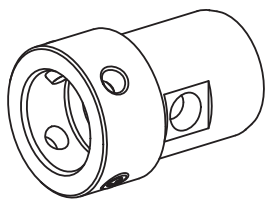
10572301 Attachement

Attachement D16
Arrosage central, p_{max} 80 bar
X / Y / Z 45 / - / - mm



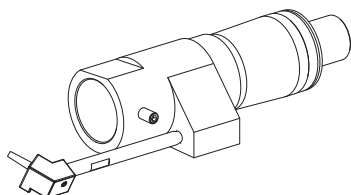
10294849 Attachement

Attachement ER 16
Arrosage central, p_{max} 80 bar
X / Y / Z 50 / - / - mm



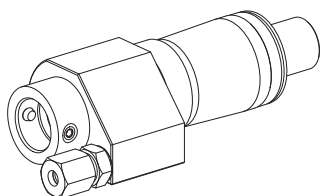
10984285 Attachement

Attachement WFB 20-12
Arrosage central, p_{\max} 80 bar
X / Y / Z 15 / - / - mm



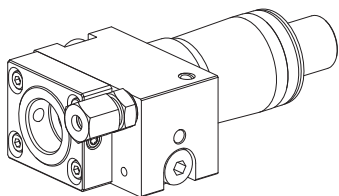
11062697 Porte-outil de base

Attachement D28
Arrosage extérieur, p_{\max} 10 bar
X / Y / Z - / - / 54 mm



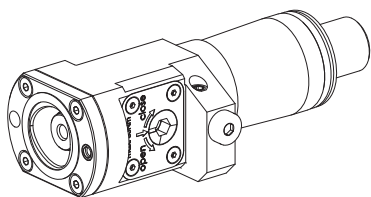
10444278 Porte-outil de base

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 50 mm



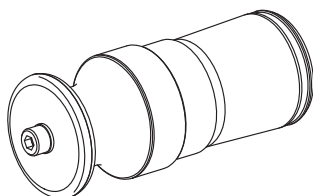
11009463 Porte-outil de base, réglable en XY

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{\max} 80 bar, AC optionnel 160 bar
X / Y / Z - / - / 50 mm



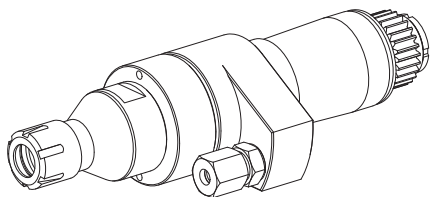
10978127 Porte-outil de base

Attachement INDEX TRAUB CAPTO C3
Arrosage central et extérieur, p_{\max} 120 bar
X / Y / Z 60 / - / - mm



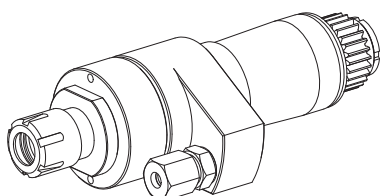
10990024 Obturateur, Acier

Attachement -
Arrosage -
X / Y / Z - / - / 40 mm



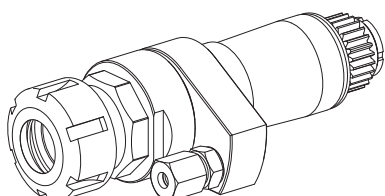
10131003 Unité de fraisage

Attachement ER 16
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 103 mm



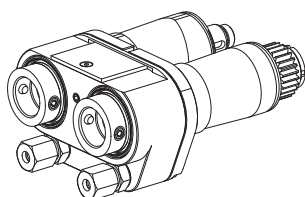
10568753 Unité de fraisage

Attachement ER 16
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 80 mm



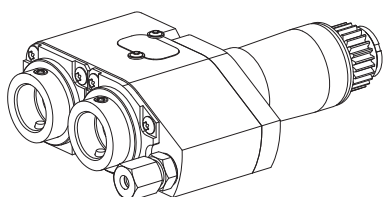
12033878 Unité de fraisage

Attachement ER 25
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 120 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 74 mm



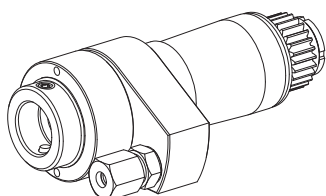
10155306 Unité de fraisage, double

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / / 50 mm



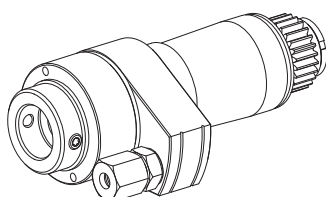
10481855 Unité de fraisage, double

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / 40 / 70 mm



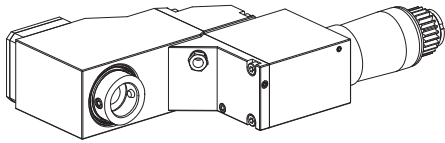
11026976 Unité de fraisage

Attachement WFB 20-12
Arrosage extérieur, en option central, p_{max} 80 bar, AC optionnel 160 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 50 mm



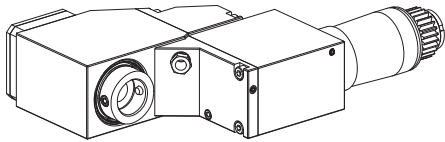
10052913 Unité de brochage/mortaisage

Attachement WFB 20-12
Arrosage extérieur, p_{max} 80 bar
Rapport vitesse 1:1 (1)
X / Y / Z - / - / 51 mm



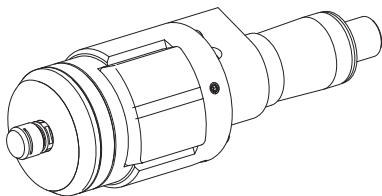
10057380 Unité de fraisage

Attachement WFB 20-12
Arrosage extérieur, p_{\max} 40 bar
Rapport vitesse 1:1 (1)
X / Y / Z 26 / - / 130 mm



10372896 Unité de fraisage

Attachement WFB 20-12
Arrosage extérieur, p_{\max} 40 bar
Rapport vitesse 1:1 (1)
X / Y / Z 26 / - / 110 mm



12054448 Broche fluide

Attachement ER 11
Arrosage extérieur, p_{\max} 40 bar
X / Y / Z 140 / - / - mm



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