



## INDEX MS40-6

Porte-outils

Présentation

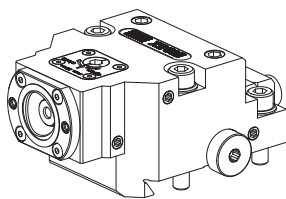
## Validité

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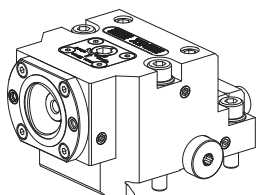
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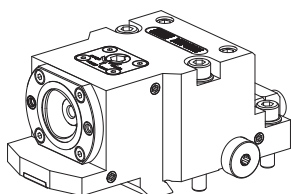
**10022335 Unité de serrage**

<b>Fixation</b>	–
<b>Attachement</b>	INDEX TRAUB CAPTO C3
<b>Arrosage</b>	central, $p_{max}$ 80 bar
<b>X / Y / Z</b>	38 / – / 33 mm



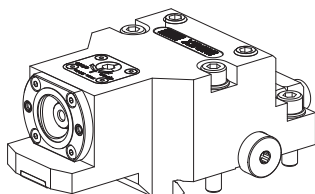
**10706682 Unité de serrage**

<b>Fixation</b>	–
<b>Attachement</b>	INDEX TRAUB CAPTO C4
<b>Arrosage</b>	central, $p_{max}$ 80 bar
<b>X / Y / Z</b>	29 / – / 38 mm



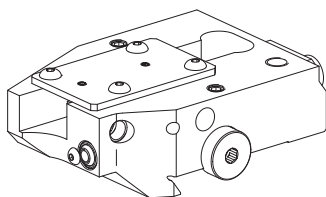
**11065520 Unité de serrage, avec butée**

<b>Fixation</b>	–
<b>Attachement</b>	INDEX TRAUB CAPTO C4
<b>Arrosage</b>	central, $p_{max}$ 80 bar
<b>X / Y / Z</b>	50 / – / 42 mm



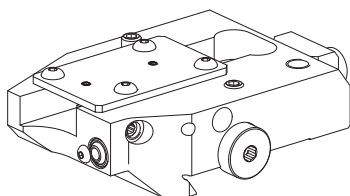
**10414292 Unité de serrage, avec butée**

<b>Fixation</b>	–
<b>Attachement</b>	INDEX TRAUB CAPTO C3
<b>Arrosage</b>	central, $p_{max}$ 80 bar
<b>X / Y / Z</b>	53 / – / 37 mm



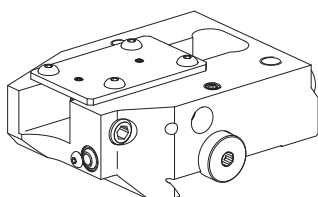
**10130732 Support outil plong/fonçage**

<b>Fixation</b>	–
<b>Attachement</b>	Carré 16x16
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>X / Y / Z</b>	39 / – / 14,5 mm



**10740900 Support outil plong/fonçage**

<b>Fixation</b>	–
<b>Attachement</b>	Carré 20x12
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>X / Y / Z</b>	39 / – / 14,5 mm

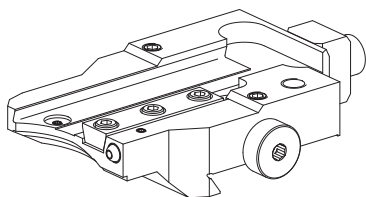


**10184061 Support outil plong/fonçage**

<b>Fixation</b>	–
<b>Attachement</b>	Carré 20x20
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>X / Y / Z</b>	39 / – / 14,5 mm

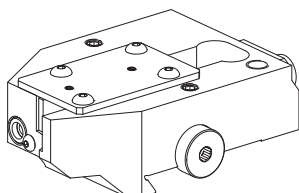
# Porte-outil fixe

## Unité transversale 1.1 - 6.2



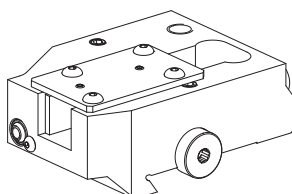
### 10196618 Support outil plong/fonçage

<b>Fixation</b>	–
<b>Attachement</b>	Trapèze 32x8
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>X / Y / Z</b>	46,5 / – / 14,5 mm



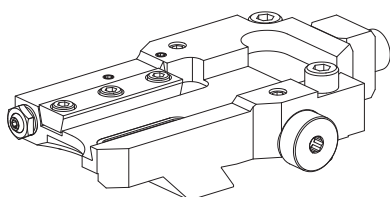
### 10142127 Support outil plong/fonçage

<b>Fixation</b>	–
<b>Attachement</b>	Carré 16x16
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>X / Y / Z</b>	39 / – / 14,5 mm



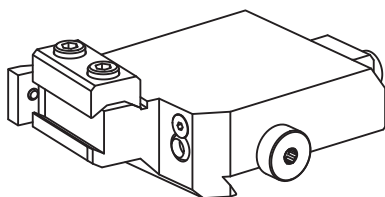
### 10998899 Support outil plong/fonçage

<b>Fixation</b>	–
<b>Attachement</b>	Carré 20x20
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>X / Y / Z</b>	29 / – / 14,5 mm



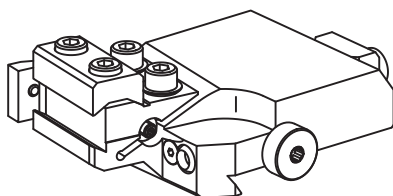
### 12008453 Support outil plong/fonçage

<b>Fixation</b>	–
<b>Attachement</b>	Trapèze 32x8
<b>Arrosage</b>	central et extérieur, $p_{max}$ 30 bar
<b>X / Y / Z</b>	56 / – / 14,5 mm



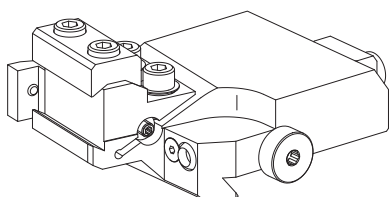
### 10437978 Support outil plong/fonçage

<b>Fixation</b>	–
<b>Attachement</b>	Outil de forme AWN 20
<b>Arrosage</b>	extérieur, $p_{max}$ 40 bar
<b>X / Y / Z</b>	43 / – / 29 mm



### 10545658 Support outil plong/fonçage, à réglage angulaire

<b>Fixation</b>	–
<b>Attachement</b>	Outil de forme AWN 20
<b>Arrosage</b>	extérieur, $p_{max}$ 40 bar
<b>X / Y / Z</b>	43 / – / 29 mm

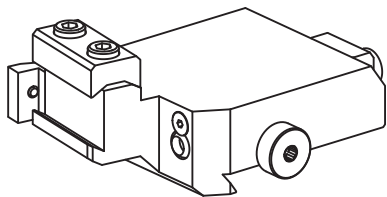


### 10041294 Support outil plong/fonçage, à réglage angulaire

<b>Fixation</b>	–
<b>Attachement</b>	Outil de forme AWN 28
<b>Arrosage</b>	extérieur, $p_{max}$ 40 bar
<b>X / Y / Z</b>	43 / – / 29 mm

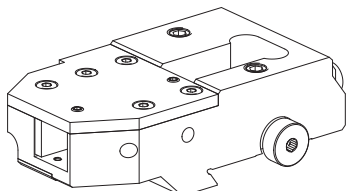
# Porte-outil fixe

## Unité transversale 1.1 - 6.2



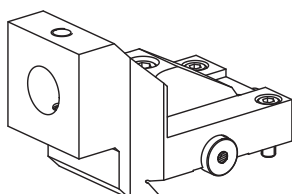
### 10920697 Support outil plong/fonçage

Fixation	–
Attachement	Outil de forme AWN 28
Arrosage	extérieur, $p_{max}$ 40 bar
X / Y / Z	43 / – / 29 mm



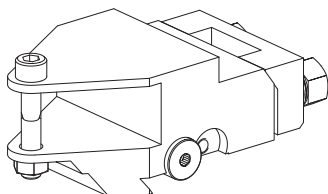
### 10186343 Support outil plongée et butée

Fixation	–
Attachement	Carré 20x20
Arrosage	extérieur, $p_{max}$ 20 bar
X / Y / Z	72,5 / – / 12 mm



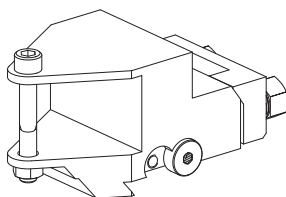
### 10476870 Porte-outil de base

Fixation	–
Attachement	ABS 50
Arrosage	–
X / Y / Z	45 / – / 55 mm



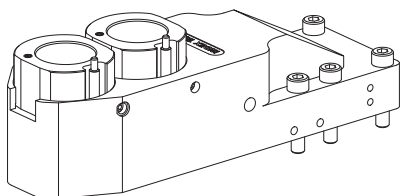
### 10272068 Porte-outil de base

Fixation	–
Attachement	Fette T12
Arrosage	–
X / Y / Z	48 / – / 33 mm



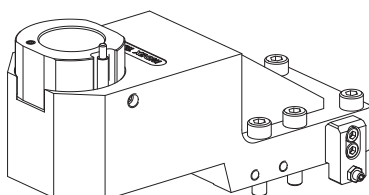
### 10881731 Porte-outil de base

Fixation	–
Attachement	Fette T18
Arrosage	–
X / Y / Z	41 / – / 41 mm



### 10877963 Porte-outil de base, double

Fixation	–
Attachement	Hydroexpansible D36
Arrosage	–
X / Y / Z	71 + 126 / – / 0 mm

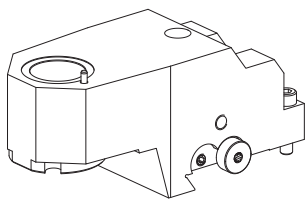


### 10381043 Porte-outil de base

Fixation	–
Attachement	Hydroexpansible D36
Arrosage	–
X / Y / Z	80 / – / 18,5 mm

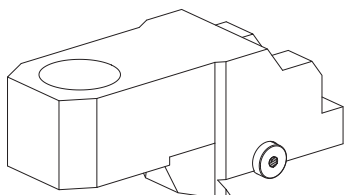
# Porte-outil fixe

## Unité transversale 1.1 - 6.2



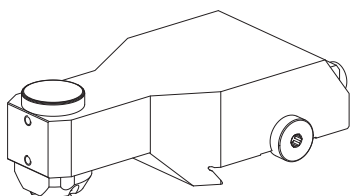
### 10512009 Porte-outil de base

Fixation	–
Attachement	Hydroexpansible D36
Arrosage	–
X / Y / Z	73 / – / 19,5 mm



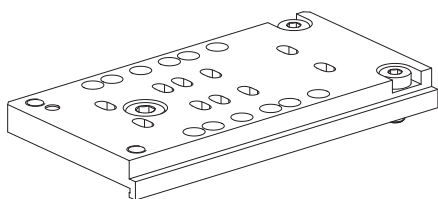
### 10519439 Porte-outil de base

Fixation	–
Attachement	Hydroexpansible D51
Arrosage	–
X / Y / Z	80 / – / 79,5 mm



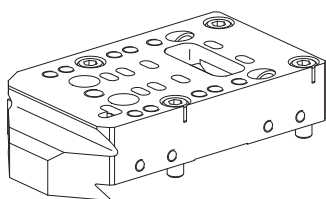
### 11051986 Porte-forêt et supp. De butée

Fixation	–
Attachement	D22
Arrosage	–
X / Y / Z	69,5 / – / 40 mm



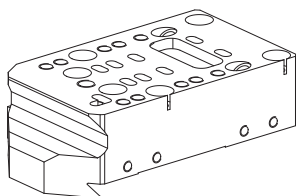
### 10729174 Semelle

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



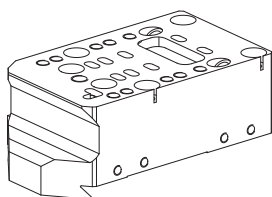
### 10953725 Semelle

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



### 10845814 Semelle

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

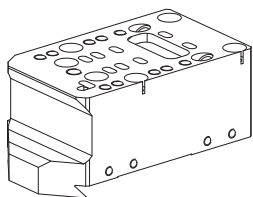


### 10186251 Semelle

Fixation	–
Attachement	–
Arrosage	–
X / Y / Z	– / – / 50 mm

# Porte-outil fixe

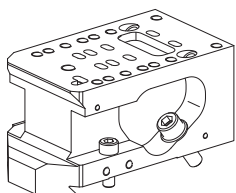
## Unité transversale 1.1 - 6.2



### 10443425 Semelle

Fixation –  
Attachement –  
Arrosage –  
X / Y / Z – / – / 60 mm

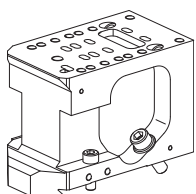
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### 10904050 Semelle

Fixation –  
Attachement –  
Arrosage –  
X / Y / Z – / – / 70 mm

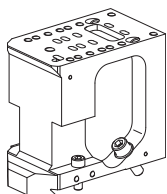
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### 10647462 Semelle

Fixation –  
Attachement –  
Arrosage –  
X / Y / Z – / – / 100 mm

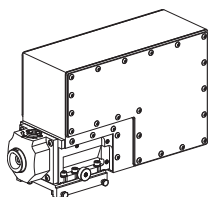
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### 10022167 Semelle

Fixation –  
Attachement –  
Arrosage –  
X / Y / Z – / – / 130 mm

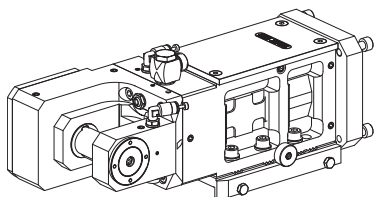
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### 10599456 Tourelle pour outils de tourn.

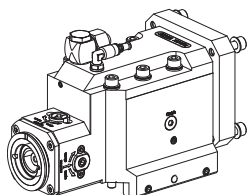
Fixation –  
Attachement INDEX TRAUB CAPTO C4  
Arrosage –  
X / Y / Z 23,5 / – / 54,3 mm

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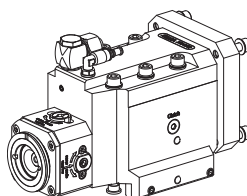
**10017866 Unité de fraisage**

Fixation	–
Attachement	D12
Arrosage	extérieur, $p_{max}$ 80 bar
Rapport vitesse	3,4:1 (3,4)
X / Y / Z	92 / – / 60 mm



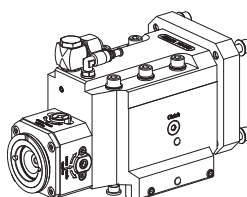
**11082610 Unité de fraisage**

Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	51 / – / 30 mm



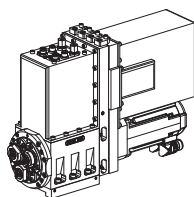
**11082607 Unité de fraisage**

Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	51 / – / 30 mm



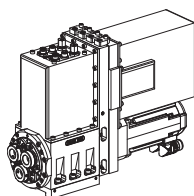
**11082608 Unité de fraisage**

Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{max}$ 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	51 / – / 30 mm



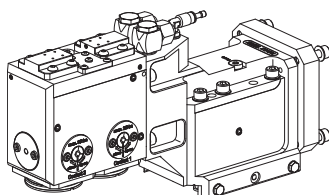
**10839861 Tourelle pour outils de tourn.**

Fixation	–
Attachement	ER 16
Arrosage	–
Rapport vitesse	1:1,06 (0,944)
X / Y / Z	22,5 / – / 39 mm



**10234745 Tourelle pour outils de tourn.**

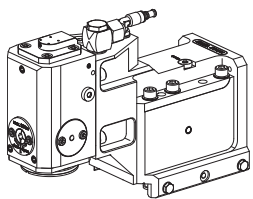
Fixation	–
Attachement	WFB 20-12
Arrosage	–
Rapport vitesse	1:1,06 (0,944)
X / Y / Z	22,5 / – / 39 mm



**11082635 Unité de fraisage, double**

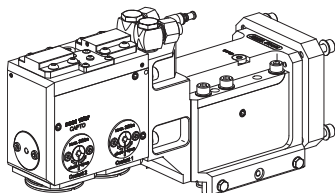
Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	71 + 131 / – / 36,5 mm





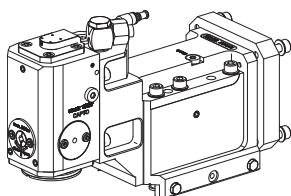
**11082654 Unité de fraisage**

Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{\max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	71 / – / 36,5 mm



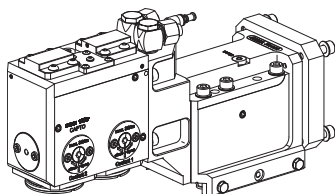
**11082643 Unité de fraisage, double**

Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{\max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	71 + 131 / – / 32,5 mm



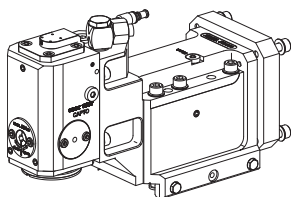
**11082658 Unité de fraisage**

Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{\max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	71 / – / 32,5 mm



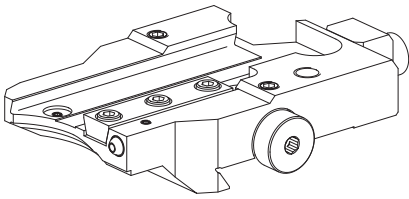
**11082640 Unité de fraisage, double**

Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{\max}$ 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	71 + 131 / – / 32,5 mm



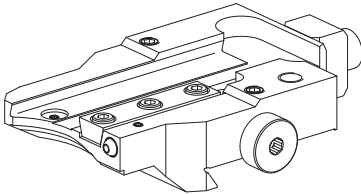
**11082653 Unité de fraisage**

Fixation	–
Attachement	INDEX TRAUB CAPTO C3
Arrosage	central, $p_{\max}$ 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	71 / – / 32,5 mm



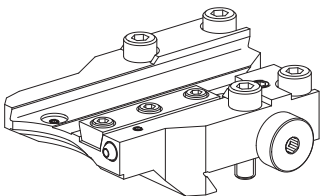
**10495949 Support outil plong/fonçage**

**Fixation** –  
**Attachement** Trapèze 32x5  
**Arrosage** extérieur,  $p_{max}$  20 bar  
**X / Y / Z** 46,5 / – / 14,5 mm



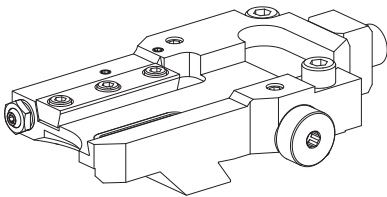
**10196618 Support outil plong/fonçage**

**Fixation** –  
**Attachement** Trapèze 32x8  
**Arrosage** extérieur,  $p_{max}$  20 bar  
**X / Y / Z** 46,5 / – / 14,5 mm



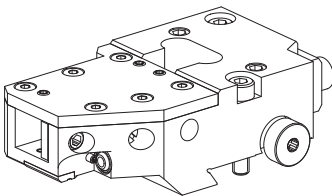
**10470737 Support outil plong/fonçage**

**Fixation** –  
**Attachement** Trapèze 32x8  
**Arrosage** extérieur,  $p_{max}$  20 bar  
**X / Y / Z** 46,5 / – / 14,5 mm



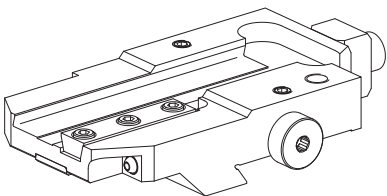
**12008453 Support outil plong/fonçage**

**Fixation** –  
**Attachement** Trapèze 32x8  
**Arrosage** central et extérieur,  $p_{max}$  30 bar  
**X / Y / Z** 56 / – / 14,5 mm



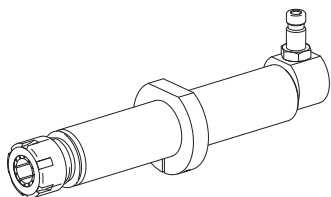
**10189244 Support outil plongée et butée**

**Fixation** –  
**Attachement** Carré 20x20  
**Arrosage** extérieur,  $p_{max}$  20 bar  
**X / Y / Z** 72,5 / – / 12 mm



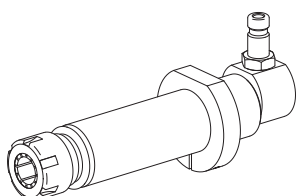
**10947676 Support outil plongée et butée**

**Fixation** –  
**Attachement** Trapèze 32x8  
**Arrosage** extérieur  
**X / Y / Z** 65,5 / – / 14,5 mm



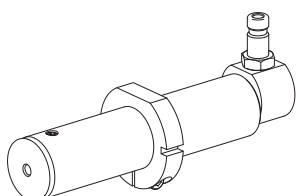
**10867971 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** ER 25  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



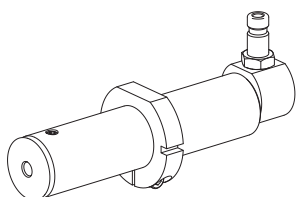
**11036224 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** ER 25  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



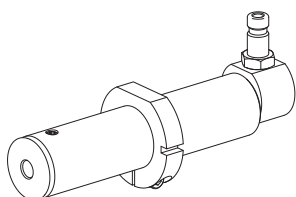
**10624002 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** DIN 1835 B/E D6  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



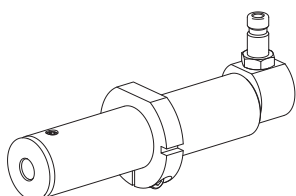
**11033416 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** DIN 1835 B/E D8  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



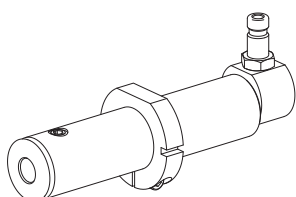
**10188538 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** DIN 1835 B/E D10  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



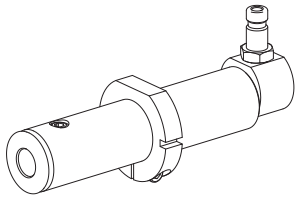
**10992978 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** DIN 1835 B/E D12  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



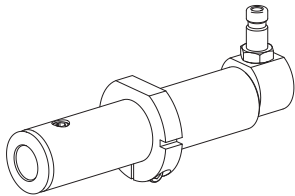
**10351267 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** DIN 1835 B/E D14  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



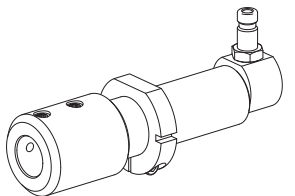
**10919338 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** DIN 1835 B/E D16  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



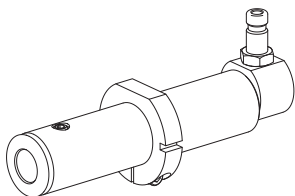
**10657118 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** DIN 1835 B/E D20  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



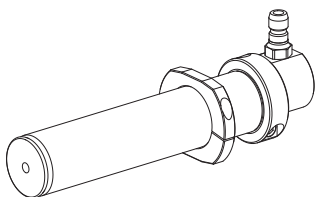
**11001357 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** DIN 1835 B/E D25  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



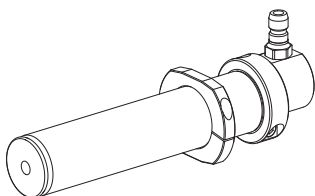
**10574393 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** D3/4"  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



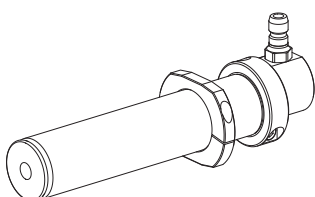
**12038373 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** Hydroexpansible D6  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



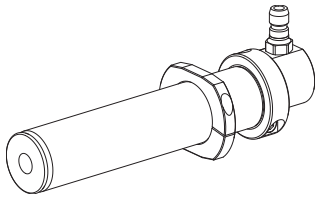
**12038374 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** Hydroexpansible D8  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



**12038375 Porte-foret**

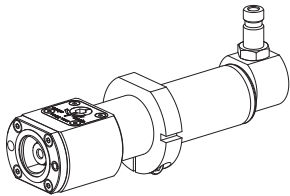
**Fixation** Bague de serrage D36  
**Attachement** Hydroexpansible D10  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



**12038376 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** Hydroexpansible D12  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** - / - / - mm

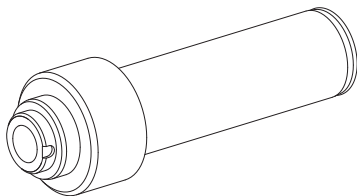
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**10748386 Porte-foret**

**Fixation** Bague de serrage D36  
**Attachement** INDEX TRAUB CAPTO C3  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** - / - / - mm

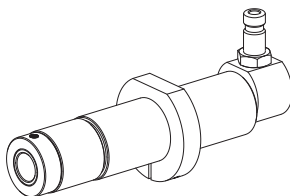
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**10153941 Support de pointe de guidage, élastique, rotative**

**Fixation** Bague de serrage D36  
**Attachement** D15,4/Cône 1:7,5  
**Arrosage** -  
**X / Y / Z** - / - / - mm

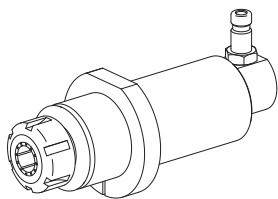
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**10060556 Porte-alésoir**

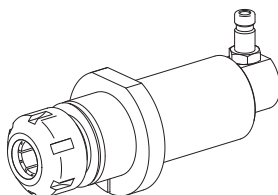
**Fixation** Bague de serrage D36  
**Attachement** D16  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** - / - / - mm

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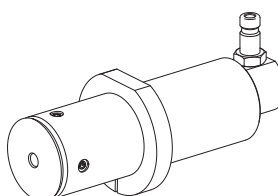
**11017697 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** ER 25  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



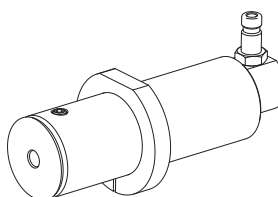
**10358202 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** ER 32  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



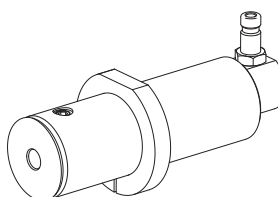
**10724561 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D8  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



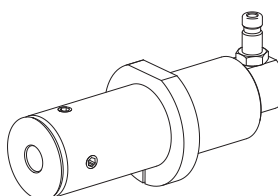
**10049627 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D10  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



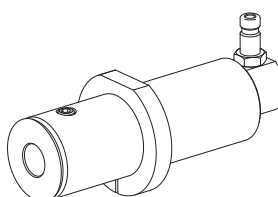
**10021358 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D12  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



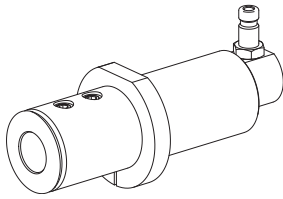
**10736223 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D16  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



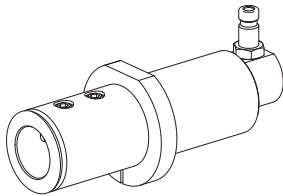
**10879748 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D20  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



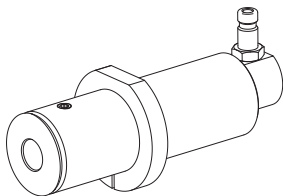
**10022656 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D25  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



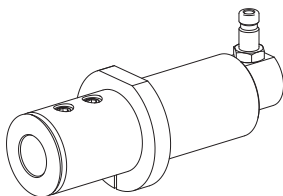
**10617628 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D32  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



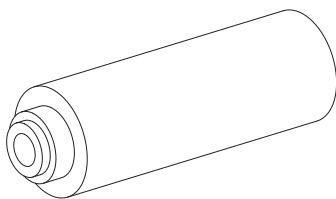
**10680762 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D3/4"  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



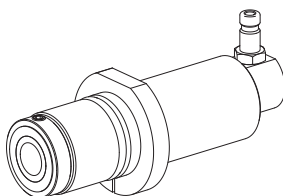
**10265287 Porte-foret**

**Fixation** Bague de serrage D51  
**Attachement** DIN 1835 B/E D1"  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



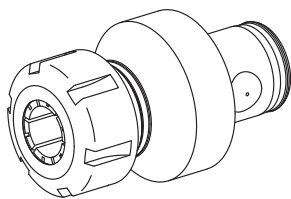
**10637237 Support de pointe de guidage, élastique, rotative**

**Fixation** Bague de serrage D51  
**Attachement** D15,4/Cône 1:7,5  
**Arrosage** -  
**X / Y / Z** - / - / - mm



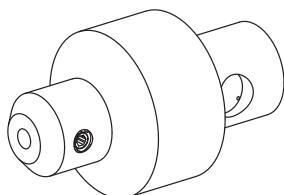
**10271971 Porte-alésoir**

**Fixation** Bague de serrage D51  
**Attachement** D20  
**Arrosage** central,  $p_{max}$  80 bar  
**X / Y / Z** - / - / - mm



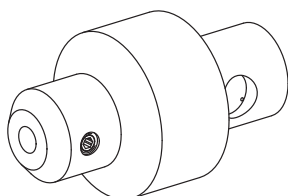
**10133288 Porte-foret**

**Fixation** ABS 50  
**Attachement** ER 25  
**Arrosage** central et extérieur,  $p_{\max}$  40 bar  
**X / Y / Z** 54 / - / - mm



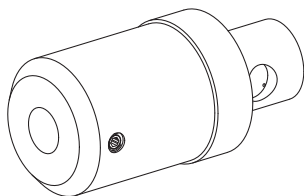
**10112671 Porte-foret**

**Fixation** ABS 50  
**Attachement** DIN 1835 E D6  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 55 / - / - mm



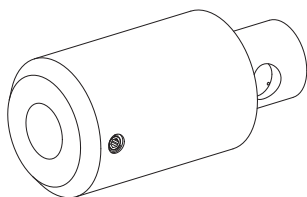
**10194546 Porte-foret**

**Fixation** ABS 50  
**Attachement** DIN 1835 E D8  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 55 / - / - mm



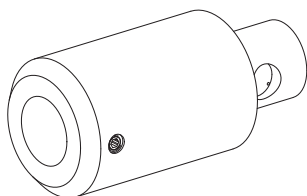
**10935444 Porte-foret**

**Fixation** ABS 50  
**Attachement** DIN 1835 E D16  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 70 / - / - mm



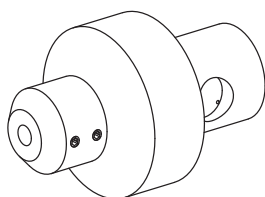
**10768199 Porte-foret**

**Fixation** ABS 50  
**Attachement** DIN 1835 E D20  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 75 / - / - mm



**10832869 Porte-foret**

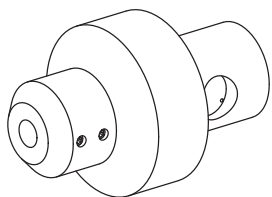
**Fixation** ABS 50  
**Attachement** DIN 1835 E D25  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 75 / - / - mm



**10151145 Porte-foret**

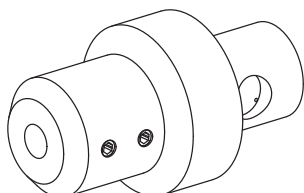
**Fixation** ABS 50  
**Attachement** D6  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 45 / - / - mm





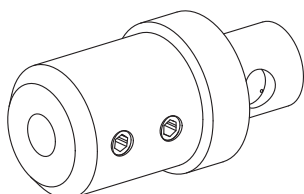
**10698558 Porte-foret**

**Fixation** ABS 50  
**Attachement** D8  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 45 / - / - mm



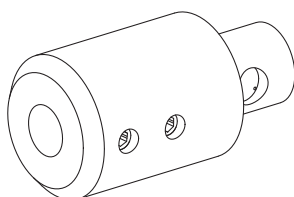
**10870365 Porte-foret**

**Fixation** ABS 50  
**Attachement** D10  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 55 / - / - mm



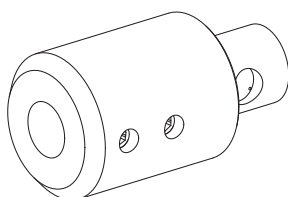
**10958470 Porte-foret**

**Fixation** ABS 50  
**Attachement** D14  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 65 / - / - mm



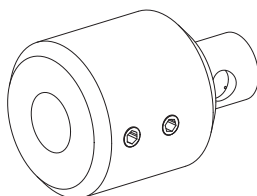
**10483240 Porte-foret**

**Fixation** ABS 50  
**Attachement** D18  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 65 / - / - mm



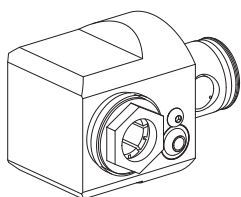
**10327899 Porte-foret**

**Fixation** ABS 50  
**Attachement** D20  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 65 / - / - mm



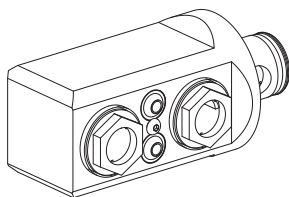
**10119473 Porte-foret**

**Fixation** ABS 50  
**Attachement** D25  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 75 / - / - mm



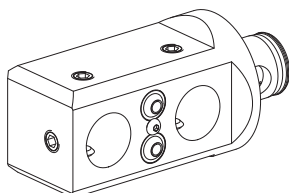
**10356426 Porte-foret**

**Fixation** ABS 50  
**Attachement** ER 25  
**Arrosage** central et extérieur,  $p_{\max}$  20 bar  
**X / Y / Z** 35 / - / 33 mm



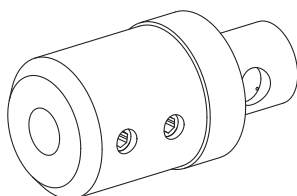
**11066943 Porte-foret, double**

**Fixation** ABS 50  
**Attachement** ER 25  
**Arrosage** central et extérieur,  $p_{\max}$  20 bar  
**X / Y / Z** 30 + 80 / - / 33 mm



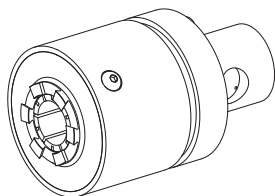
**10232851 Porte-foret, double**

**Fixation** ABS 50  
**Attachement** D25  
**Arrosage** central et extérieur,  $p_{\max}$  20 bar  
**X / Y / Z** 30 + 80 / - / 25 mm



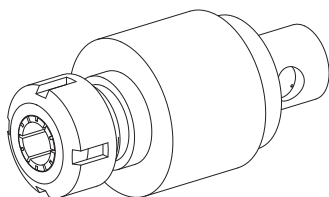
**10068097 Porte-foret**

**Fixation** ABS 50  
**Attachement** D16  
**Arrosage** central,  $p_{\max}$  80 bar  
**X / Y / Z** 65 / - / - mm



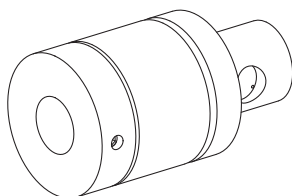
**10552626 Porte-taraud, extensible**

**Fixation** ABS 50  
**Attachement** ER 25  
**Arrosage** central et extérieur,  $p_{\max}$  40 bar  
**X / Y / Z** 55 / - / - mm



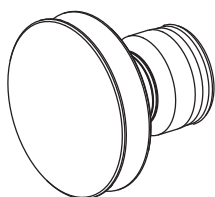
**10356066 Porte-alésoir**

**Fixation** ABS 50  
**Attachement** ER 25  
**Arrosage** central,  $p_{\max}$  40 bar  
**X / Y / Z** 93 / - / - mm



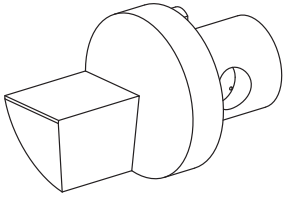
**10407331 Porte-alésoir**

**Fixation** ABS 50  
**Attachement** D20  
**Arrosage** central,  $p_{\max}$  40 bar  
**X / Y / Z** 60 / - / - mm



**10969115 Obturateur**

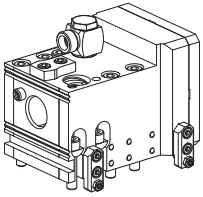
**Fixation** ABS 50  
**Attachement** -  
**Arrosage** -  
**X / Y / Z** 10 / - / - mm



**10998545 Jauge**

<b>Fixation</b>	ABS 50
<b>Attachement</b>	–
<b>Arrosage</b>	–
<b>X / Y / Z</b>	42 / – / – mm

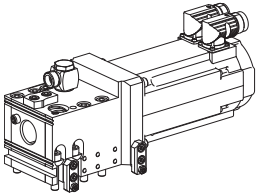
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**11165401 Attachement d'outil**

<b>Fixation</b>	–
<b>Attachement</b>	VDI 25
<b>Arrosage</b>	central et extérieur, $p_{\max}$ 80 bar
<b>X / Y / Z</b>	– / – / 49 mm

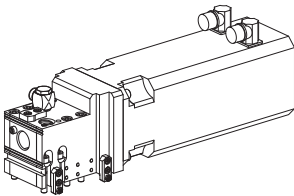
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**11093540 Unité d'entraînem. Pour outils**

<b>Fixation</b>	–
<b>Attachement</b>	VDI 25
<b>Arrosage</b>	central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	– / – / – mm

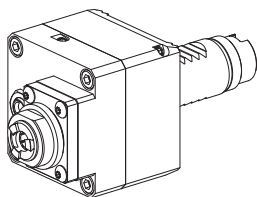
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**11093541 Unité d'entraînem. Pour outils, renforcé**

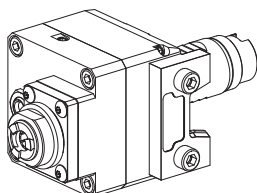
<b>Fixation</b>	–
<b>Attachement</b>	VDI 25
<b>Arrosage</b>	central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	– / – / – mm

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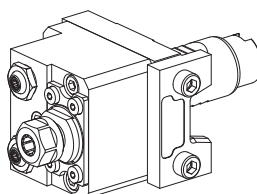
**10898137 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	ER 11
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>Rapport vitesse</b>	1:3 (0,333)
<b>X / Y / Z</b>	75 / - / 15 mm



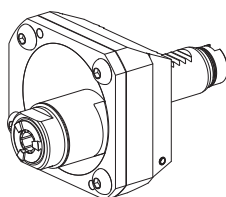
**10418218 Unité de perçage**

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



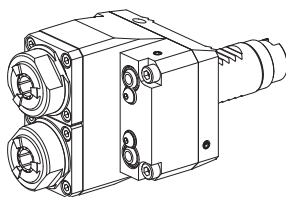
**10648402 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	ER 11
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>Rapport vitesse</b>	1:1,33 (0,75)
<b>X / Y / Z</b>	71 / - / 17,5 mm



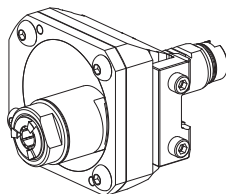
**10444245 Unité de perçage, réglable à la verticale**

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



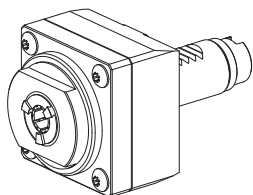
**10941480 Unité de perçage, double**

<b>Fixation</b>	Denture W
<b>Attachement</b>	ER 16
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>Rapport vitesse</b>	1:2,07 (0,483)
<b>X / Y / Z</b>	85 / ±19 / 12 mm



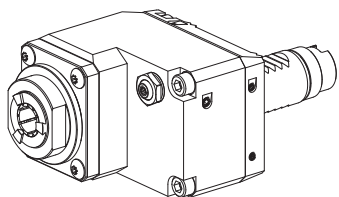
**10701271 Unité de perçage, réglable à la verticale**

<b>Fixation</b>	Vés
<b>Attachement</b>	ER 16
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>Rapport vitesse</b>	1:2,07 (0,483)
<b>X / Y / Z</b>	85 / ±22,5 / ±22,5 mm



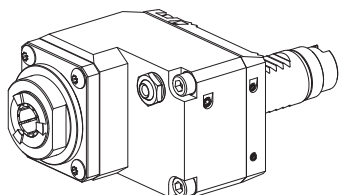
**11050767 Unité de perçage**

<b>Fixation</b>	aucune
<b>Attachement</b>	ER 16
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	54 / - / - mm



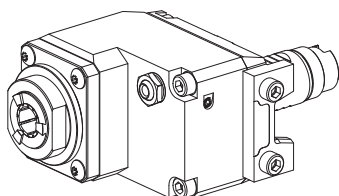
**10205569 Unité de perçage**

Fixation	Denture W
Attachement	ER 20
Arrosage	central et extérieur, $p_{max}$ 80 bar
Rapport vitesse	1:3 (0,333)
X / Y / Z	86,1 / – / 35 mm



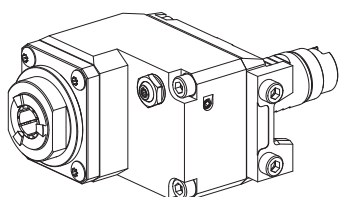
**11005948 Unité de perçage**

Fixation	Denture W
Attachement	ER 20
Arrosage	extérieur, $p_{max}$ 80 bar
Rapport vitesse	1:3 (0,333)
X / Y / Z	86,1 / – / 35 mm



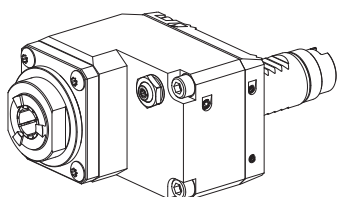
**10385172 Unité de perçage**

Fixation	Vés
Attachement	ER 20
Arrosage	extérieur, $p_{max}$ 80 bar
Rapport vitesse	1:3 (0,333)
X / Y / Z	86,1 / – / 35 mm



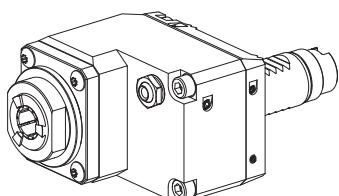
**11016410 Unité de perçage**

Fixation	Vés
Attachement	ER 20
Arrosage	central et extérieur, $p_{max}$ 80 bar
Rapport vitesse	1:3 (0,333)
X / Y / Z	86,1 / – / 35 mm



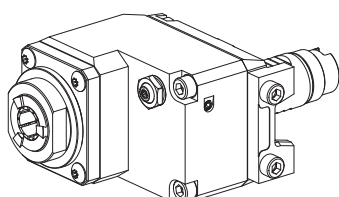
**10380606 Unité de perçage**

Fixation	Denture W
Attachement	ER 20
Arrosage	central et extérieur, $p_{max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	86,1 / – / 35 mm



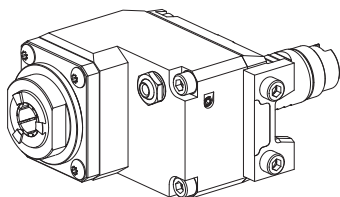
**10453045 Unité de perçage**

Fixation	Denture W
Attachement	ER 20
Arrosage	extérieur, $p_{max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	86,1 / – / 35 mm



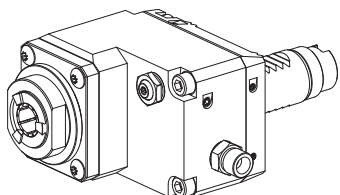
**10767041 Unité de perçage**

Fixation	Vés
Attachement	ER 20
Arrosage	central et extérieur, $p_{max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	86,1 / – / 35 mm



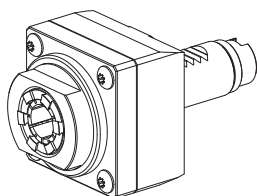
**10892233 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	ER 20
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	86 / - / 35 mm



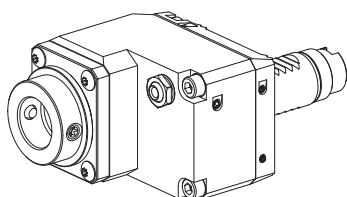
**10756842 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	ER 20
<b>Arrosage</b>	central, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	86,1 / - / 35 mm



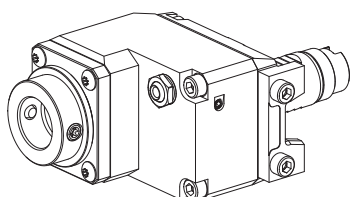
**10828154 Unité de perçage**

<b>Fixation</b>	aucune
<b>Attachement</b>	ER 25
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	57 / - / - mm



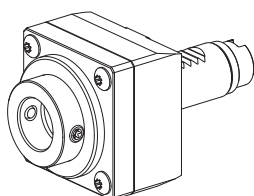
**10415684 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:3 (0,333)
<b>X / Y / Z</b>	89,6 / - / 35 mm



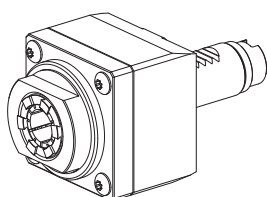
**10535176 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:3 (0,333)
<b>X / Y / Z</b>	89,6 / - / 35 mm



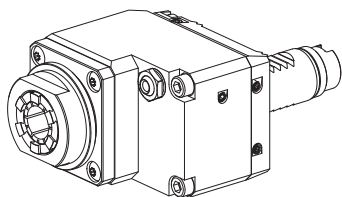
**10275970 Unité de perçage**

<b>Fixation</b>	aucune
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	59 / - / - mm



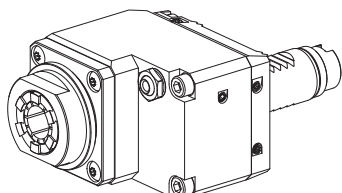
**11067030 Unité de fraisage**

<b>Fixation</b>	aucune
<b>Attachement</b>	ER 25
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	67 / - / - mm



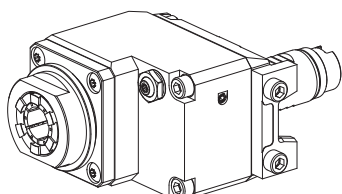
**10716400 Unité de fraisage**

Fixation	Denture W
Attachement	ER 25
Arrosage	central et extérieur, $p_{\max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	89,9 / - / 31 mm



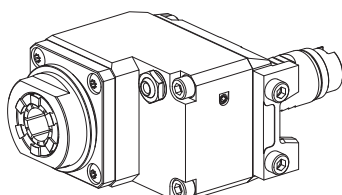
**10991401 Unité de fraisage**

Fixation	Denture W
Attachement	ER 25
Arrosage	extérieur, $p_{\max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	89,9 / - / 31 mm



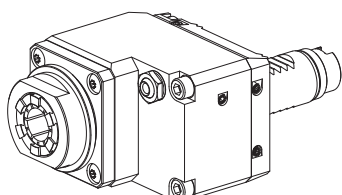
**10031272 Unité de fraisage**

Fixation	Vés
Attachement	ER 25
Arrosage	central et extérieur, $p_{\max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	89,9 / - / 31 mm



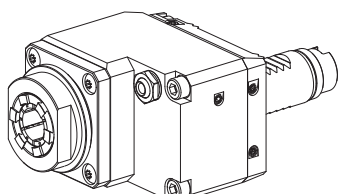
**11030759 Unité de fraisage**

Fixation	Vés
Attachement	ER 25
Arrosage	extérieur, $p_{\max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	90 / - / 31 mm



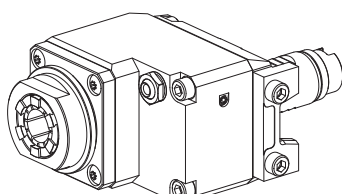
**10265219 Unité de fraisage**

Fixation	Denture W
Attachement	ER 25
Arrosage	extérieur, $p_{\max}$ 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	89,9 / - / 31 mm



**10322749 Unité de fraisage**

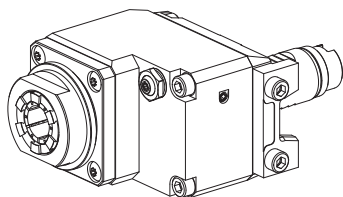
Fixation	Denture W
Attachement	ER 25
Arrosage	central et extérieur, $p_{\max}$ 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	89,9 / - / 31 mm



**10907448 Unité de fraisage**

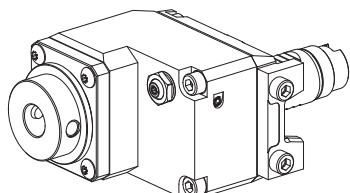
Fixation	Vés
Attachement	ER 25
Arrosage	extérieur, $p_{\max}$ 80 bar
Rapport vitesse	2:1 (2)
X / Y / Z	90 / - / 31 mm





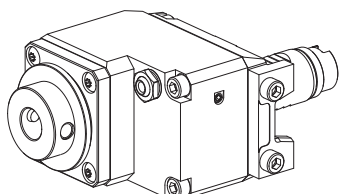
**10987856 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	ER 25
<b>Arrosage</b>	central et extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	2:1 (2)
<b>X / Y / Z</b>	89,9 / – / 31 mm



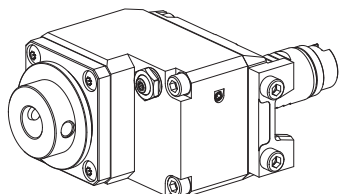
**10748355 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	DIN 1835 B/E D15
<b>Arrosage</b>	central et extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	89,6 / – / 35 mm



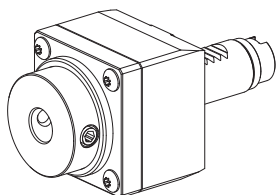
**10345067 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	DIN 1835 B/E D15
<b>Arrosage</b>	extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	91 / – / 31 mm



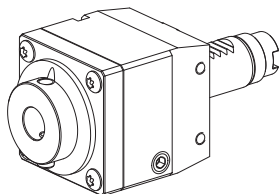
**10409453 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	DIN 1835 B/E D15
<b>Arrosage</b>	central et extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	90,9 / – / 31 mm



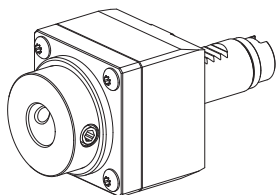
**10202307 Unité de fraisage**

<b>Fixation</b>	aucune
<b>Attachement</b>	DIN 1835 B/E D16
<b>Arrosage</b>	extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	72 / – / – mm



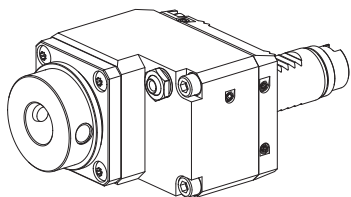
**11063004 Unité de fraisage**

<b>Fixation</b>	–
<b>Attachement</b>	DIN 1835 B/E D16
<b>Arrosage</b>	extérieur, $p_{\max}$ 20 bar
<b>Rapport vitesse</b>	4,5:1 (4,5)
<b>X / Y / Z</b>	83,5 / – / 0 mm



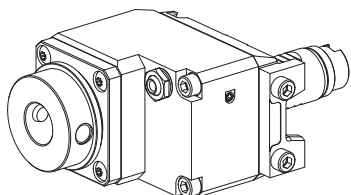
**10307933 Unité de fraisage**

<b>Fixation</b>	aucune
<b>Attachement</b>	DIN 1835 B/E D20
<b>Arrosage</b>	extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	72 / – / – mm



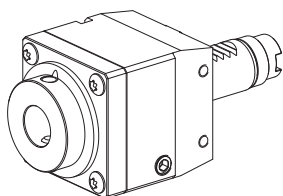
**1071990 Unité de fraisage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	DIN 1835 B/E D20
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>Rapport vitesse</b>	2:1 (2)
<b>X / Y / Z</b>	93 / - / 31 mm



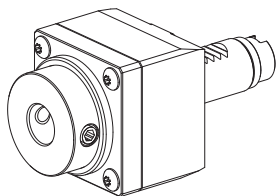
**10642666 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	DIN 1835 B/E D20
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	2:1 (2)
<b>X / Y / Z</b>	93 / - / 31 mm



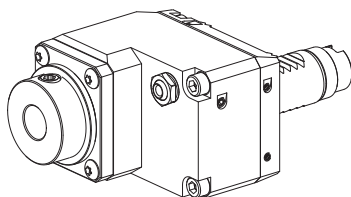
**10591979 Unité de fraisage**

<b>Fixation</b>	aucune
<b>Attachement</b>	DIN 1835 B/E D20
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>Rapport vitesse</b>	4,5:1 (4,5)
<b>X / Y / Z</b>	83,5 / - / 0 mm



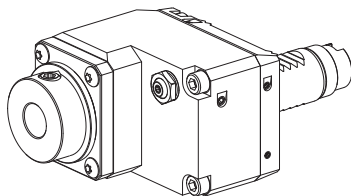
**10857236 Unité de fraisage**

<b>Fixation</b>	aucune
<b>Attachement</b>	DIN 1835 B/E D3/4"
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:1 (1)
<b>X / Y / Z</b>	72 / - / - mm



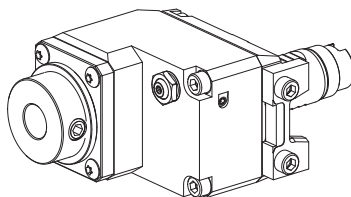
**10136933 Unité de fraisage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	D16
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	92 / - / 35 mm



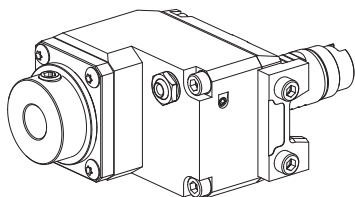
**10410570 Unité de fraisage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	D16
<b>Arrosage</b>	central et extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	92 / - / 35 mm



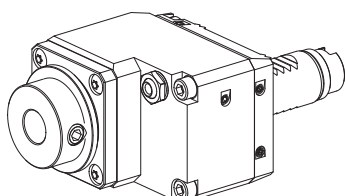
**10480988 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	D16
<b>Arrosage</b>	central et extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	92 / - / 35 mm



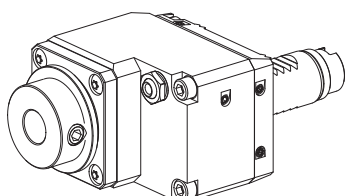
**10790396 Unité de fraisage**

**Fixation** Vés  
**Attachement** D16  
**Arrosage** extérieur,  $p_{\max}$  80 bar  
**Rapport vitesse** 1:2 (0,5)  
**X / Y / Z** 92 / - / 35 mm



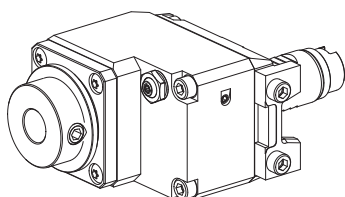
**10420233 Unité de fraisage**

**Fixation** Denture W  
**Attachement** D16  
**Arrosage** central et extérieur,  $p_{\max}$  80 bar  
**Rapport vitesse** 1:1 (1)  
**X / Y / Z** 93 / - / 31 mm



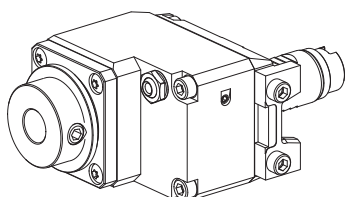
**11062897 Unité de fraisage**

**Fixation** Denture W  
**Attachement** D16  
**Arrosage** extérieur,  $p_{\max}$  80 bar  
**Rapport vitesse** 1:1 (1)  
**X / Y / Z** 93 / - / 31 mm



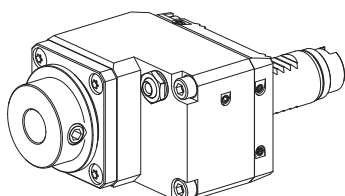
**10860043 Unité de fraisage**

**Fixation** Vés  
**Attachement** D16  
**Arrosage** central et extérieur,  $p_{\max}$  80 bar  
**Rapport vitesse** 1:1 (1)  
**X / Y / Z** 93 / - / 31 mm



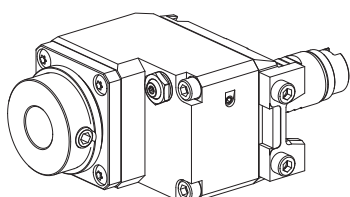
**11043249 Unité de fraisage**

**Fixation** Vés  
**Attachement** D16  
**Arrosage** extérieur,  $p_{\max}$  80 bar  
**Rapport vitesse** 1:1 (1)  
**X / Y / Z** 93 / - / 31 mm



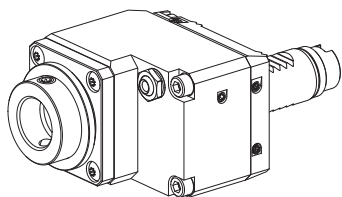
**10038392 Unité de fraisage**

**Fixation** Denture W  
**Attachement** D16  
**Arrosage** central et extérieur,  $p_{\max}$  80 bar  
**Rapport vitesse** 2:1 (2)  
**X / Y / Z** 93 / - / 31 mm



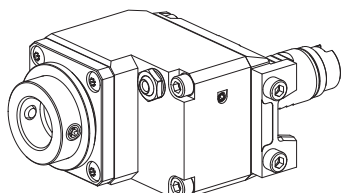
**11090796 Unité de fraisage**

**Fixation** Vés  
**Attachement** D20  
**Arrosage** central,  $p_{\max}$  80 bar  
**Rapport vitesse** 2:1 (2)  
**X / Y / Z** 93 / - / 31 mm



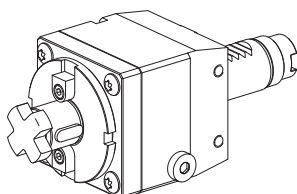
**10061745 Unité de fraisage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	2:1 (2)
<b>X / Y / Z</b>	91,4 / - / 31 mm



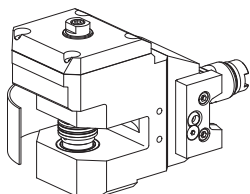
**10411900 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	2:1 (2)
<b>X / Y / Z</b>	91 / - / 31 mm



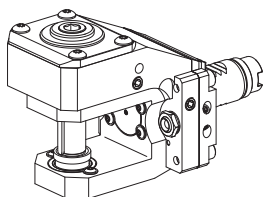
**10425512 Unité de fraisage**

<b>Fixation</b>	aucune
<b>Attachement</b>	Arbre porte- fraise D22
<b>Arrosage</b>	extérieur, $p_{\max}$ 20 bar
<b>Rapport vitesse</b>	4,5:1 (4,5)
<b>X / Y / Z</b>	73,5 / - / 0 mm



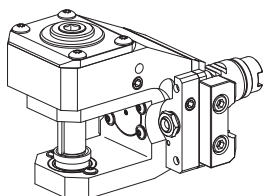
**10403930 Unité de scie circulaire, réglable à la verticale**

<b>Fixation</b>	Vés
<b>Attachement</b>	Arbre porte- fraise D16
<b>Arrosage</b>	extérieur, $p_{\max}$ 20 bar
<b>Rapport vitesse</b>	2,05:1 (2,05)
<b>X / Y / Z</b>	79,5 / - / - mm



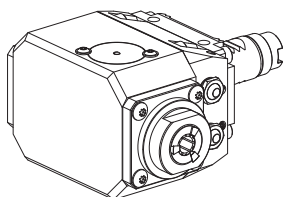
**10546310 Unité de scie circulaire**

<b>Fixation</b>	Denture W
<b>Attachement</b>	Arbre porte- fraise D16
<b>Arrosage</b>	extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	3,5:1 (3,5)
<b>X / Y / Z</b>	79 / - / - mm



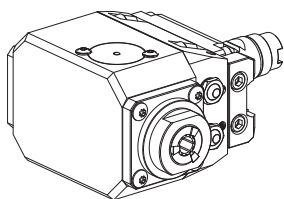
**10444685 Unité de scie circulaire**

<b>Fixation</b>	Vés
<b>Attachement</b>	Arbre porte- fraise D16
<b>Arrosage</b>	extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	3,5:1 (3,5)
<b>X / Y / Z</b>	79 / - / - mm



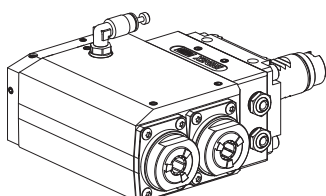
**10793977 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	ER 16
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2,88 (0,347)
<b>X / Y / Z</b>	70 / - / 80 mm



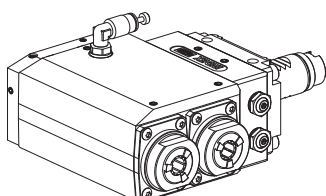
**10293075 Unité de perçage**

Fixation	Vés
Attachement	ER 16
Arrosage	extérieur, en option central, $p_{\max}$ 80 bar
Rapport vitesse	1:2,88 (0,347)
X / Y / Z	70 / - / 80 mm



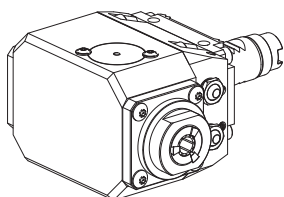
**10037360 Unité de perçage**

Fixation	Denture W
Attachement	ER 16
Arrosage	extérieur, $p_{\max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	70 + 110 / - / 71,3 mm



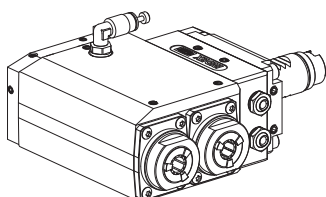
**10163263 Unité de perçage**

Fixation	Denture W
Attachement	ER 16
Arrosage	central, $p_{\max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	70 + 110 / - / 71,3 mm



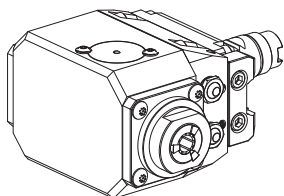
**10363369 Unité de perçage**

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



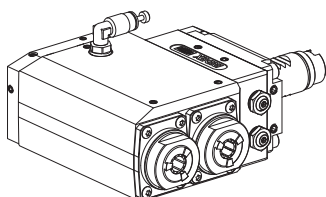
**10115327 Unité de perçage**

Fixation	Vés
Attachement	ER 16
Arrosage	extérieur, $p_{\max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	70 + 110 / - / 71 mm



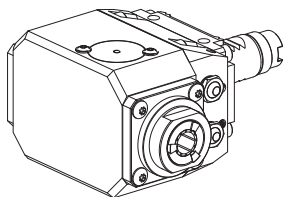
**10298225 Unité de perçage**

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



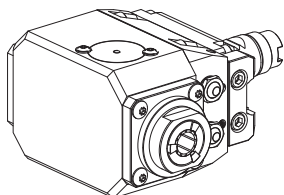
**10835385 Unité de perçage**

Fixation	Vés
Attachement	ER 16
Arrosage	central, $p_{\max}$ 80 bar
Rapport vitesse	1:2 (0,5)
X / Y / Z	70 + 110 / - / 71,3 mm



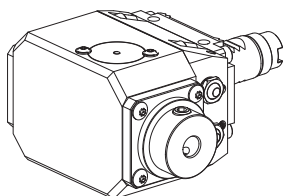
**11064426 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	ER 20
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	70 / - / 80 mm



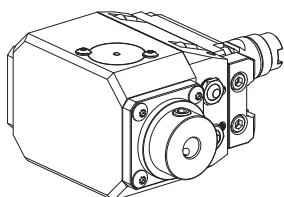
**10303082 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	ER 20
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	70 / - / 80 mm



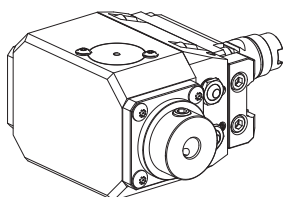
**10180528 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	DIN 1835 B/E D12
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2,88 (0,347)
<b>X / Y / Z</b>	70 / - / 85,5 mm



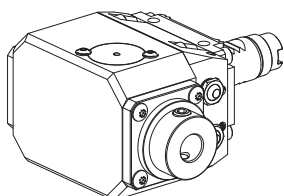
**10826106 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	DIN 1835 B/E D12
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2,88 (0,347)
<b>X / Y / Z</b>	70 / - / 85,5 mm



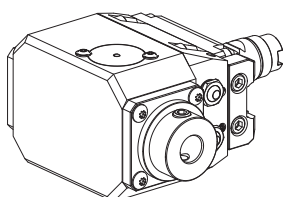
**10665790 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	DIN 1835 B/E D12
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	70 / - / 85,5 mm



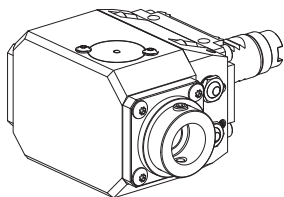
**10822454 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	DIN 1835 B/E D16
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	70 / - / 85,5 mm



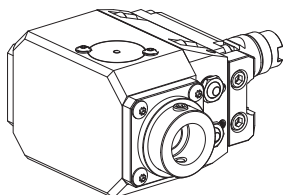
**10704112 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	DIN 1835 B/E D16
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	70 / - / 85,5 mm



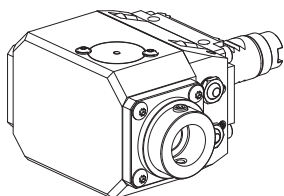
**11024822 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2,88 (0,347)
<b>X / Y / Z</b>	70 / - / 82,5 mm



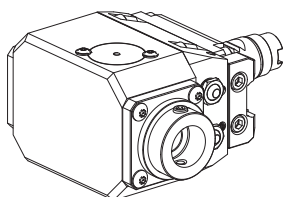
**10860091 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2,88 (0,347)
<b>X / Y / Z</b>	70 / - / 82,5 mm



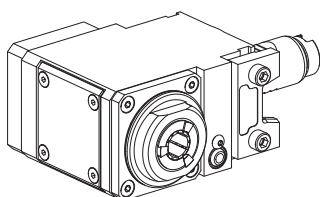
**10592359 Unité de perçage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	70 / - / 82,5 mm



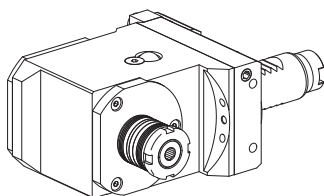
**10512409 Unité de perçage**

<b>Fixation</b>	Vés
<b>Attachement</b>	WFB 24-16
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:2 (0,5)
<b>X / Y / Z</b>	70 / - / 82,5 mm



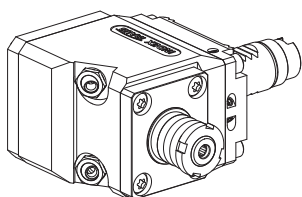
**10764640 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	ER 20
<b>Arrosage</b>	extérieur, en option central, $p_{\max}$ 20 bar
<b>Rapport vitesse</b>	2:1 (2)
<b>X / Y / Z</b>	70 / - / 53 mm



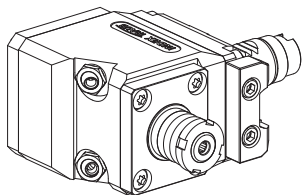
**10305967 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	Arbre porte- fraise D16
<b>Arrosage</b>	extérieur, $p_{\max}$ 20 bar
<b>Rapport vitesse</b>	2,36:1 (2,36)
<b>X / Y / Z</b>	73 / - / 17 mm



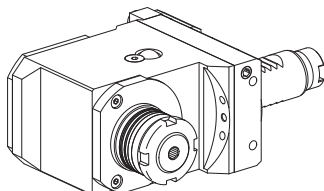
**10483871 Unité de fraisage**

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



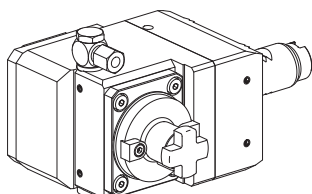
**10272736 Unité de fraisage**

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



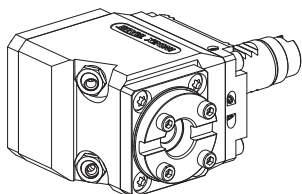
**10783835 Unité de fraisage**

<b>Fixation</b>	Vés
<b>Attachement</b>	Arbre porte- fraise D22
<b>Arrosage</b>	extérieur, $p_{max}$ 20 bar
<b>Rapport vitesse</b>	2,36:1 (2,36)
<b>X / Y / Z</b>	73 / - / 20 mm



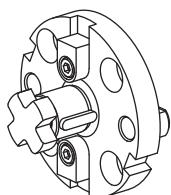
**10356214 Unité de fraisage**

<b>Fixation</b>	Denture W
<b>Attachement</b>	Arbre porte- fraise D22
<b>Arrosage</b>	extérieur, $p_{max}$ 80 bar
<b>Rapport vitesse</b>	2,5:1 (2,5)
<b>X / Y / Z</b>	75 / - / 41 mm



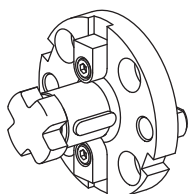
**10838926 Unité de fraisage**

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



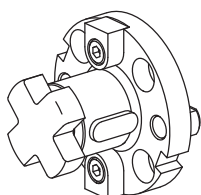
**10670447 Pièce porte- fraise**

<b>Fixation</b>	-
<b>Attachement</b>	Arbre porte- fraise D13
<b>Arrosage</b>	-
<b>X / Y / Z</b>	- / - / - mm



**11041286 Pièce porte- fraise**

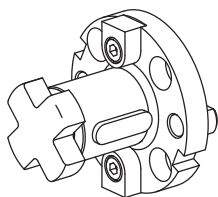
<b>Fixation</b>	-
<b>Attachement</b>	Arbre porte- fraise D16
<b>Arrosage</b>	-
<b>X / Y / Z</b>	- / - / - mm



**10435497 Pièce porte- fraise**

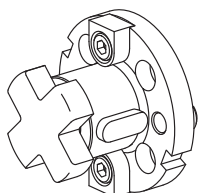
<b>Fixation</b>	-
<b>Attachement</b>	Arbre porte- fraise D22
<b>Arrosage</b>	-
<b>X / Y / Z</b>	- / - / - mm





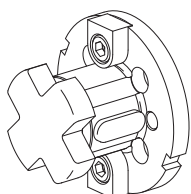
**12011567 Pièce porte- fraise**

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



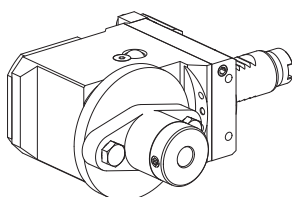
**10807705 Pièce porte- fraise**

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



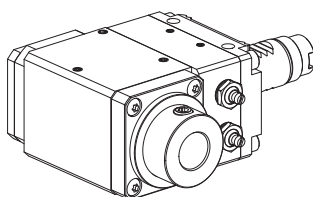
**10223928 Pièce porte- fraise**

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



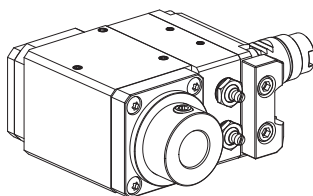
**10622506 Unité de brochage/mortaisage**

Fixation	Vés
Attachement	D12
Arrosage	extérieur, $p_{max}$ 20 bar
Rapport vitesse	2,36:1 (2,36)
X / Y / Z	73 / – / 73,6 mm



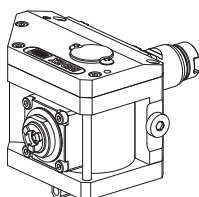
**10766208 Unité de brochage/mortaisage**

Fixation	Denture W
Attachement	D20
Arrosage	extérieur, en option central, $p_{max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	70 / – / 69 mm



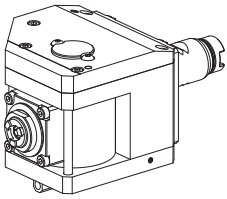
**10971676 Unité de brochage/mortaisage**

Fixation	Vés
Attachement	D20
Arrosage	extérieur, en option central, $p_{max}$ 80 bar
Rapport vitesse	1:1 (1)
X / Y / Z	70 / – / 69 mm



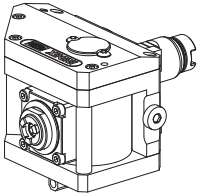
**10558202 Unité de perçage**

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



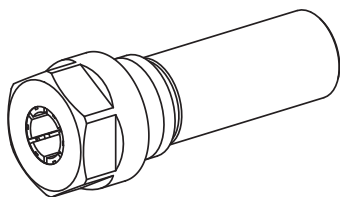
**10566421 Unité de perçage, à réglage angulaire**

<b>Fixation</b>	Denture W
<b>Attachement</b>	ER 11
<b>Arrosage</b>	extérieur, $p_{\max}$ 80 bar
<b>Rapport vitesse</b>	1:1,7 (0,588)
<b>X / Y / Z</b>	67 / - / 24 mm



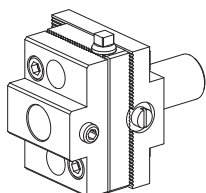
**10345861 Unité de perçage, à réglage angulaire**

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



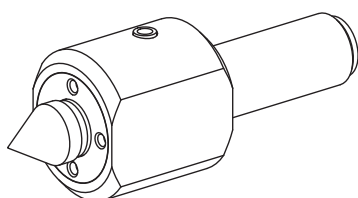
**11066082 Porte-foret**

Fixation	–
Attachement	ER 16
Arrosage	central, $p_{max}$ 80 bar
X / Y / Z	26 / – / – mm



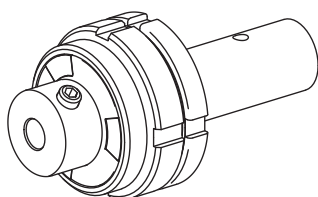
**11074608 Porte-foret, réglable à la verticale**

Fixation	aucune
Attachement	D15
Arrosage	–
X / Y / Z	48 / – / – mm



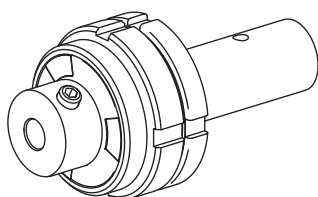
**10376272 Support de pointe de guidage, sur ressort, rotative**

Fixation	aucune
Attachement	MK0
Arrosage	–
X / Y / Z	61 / – / – mm



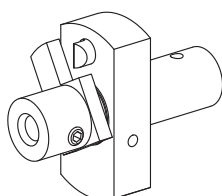
**10398672 Porte-taraud, à déclenchement**

Fixation	aucune
Attachement	D8
Arrosage	–
X / Y / Z	41 / – / – mm



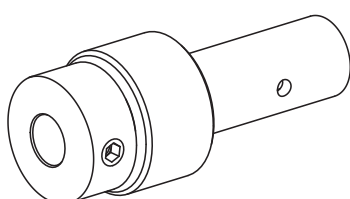
**10646298 Porte-taraud, à déclenchement**

Fixation	aucune
Attachement	D8
Arrosage	–
X / Y / Z	41 / – / – mm



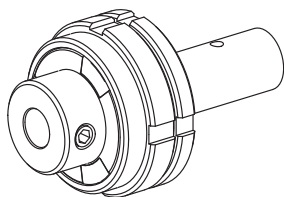
**10955662 Porte-taraud, à déclenchement**

Fixation	aucune
Attachement	D8
Arrosage	–
X / Y / Z	38 / – / – mm



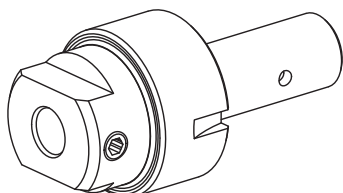
**10022420 Porte-taraud, extensible**

Fixation	aucune
Attachement	D12
Arrosage	–
X / Y / Z	36 / – / – mm



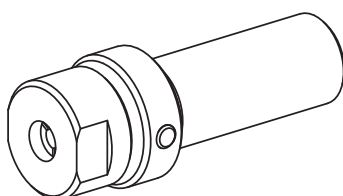
**10367051 Porte-taraud, à déclenchement**

Fixation	aucune
Attachement	D12
Arrosage	–
X / Y / Z	41 / – / – mm



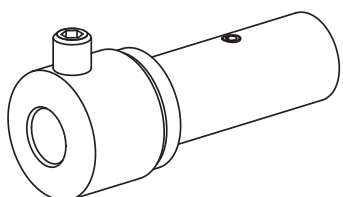
**10691613 Porte-taraud, extensible**

Fixation	aucune
Attachement	D12
Arrosage	–
X / Y / Z	41 / – / – mm



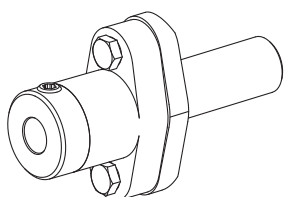
**10114544 Porte-taraud, extensible**

Fixation	aucune
Attachement	–
Arrosage	–
X / Y / Z	26 / – / – mm



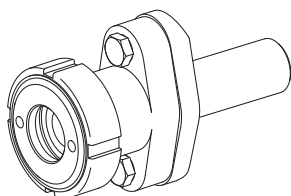
**10103977 Porte-alésoir**

Fixation	–
Attachement	D12
Arrosage	–
X / Y / Z	26 / – / – mm



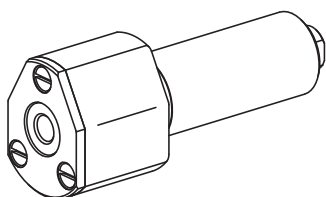
**10852881 Porte-brochage/Porte-mortaise, flottant, rotative**

Fixation	aucune
Attachement	D12
Arrosage	–
X / Y / Z	52 / – / – mm



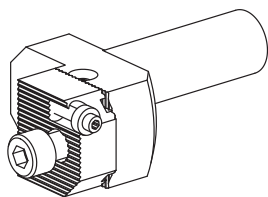
**10694118 Porte-brochage/Porte-mortaise, flottant, rotative**

Fixation	aucune
Attachement	D24
Arrosage	–
X / Y / Z	55 / – / – mm



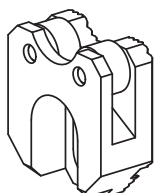
**10497461 Porte-guide**

Fixation	aucune
Attachement	D6
Arrosage	–
X / Y / Z	27 / – / – mm



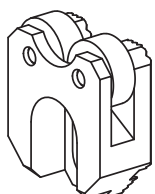
**10974901 Porte-guide, réglable**

Fixation	aucune
Attachement	D12
Arrosage	-
X / Y / Z	34 / - / - mm



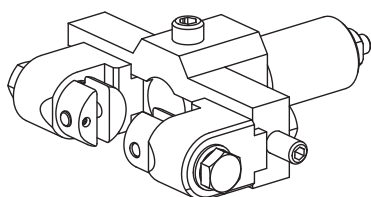
**10686673 Pièce de maintien des galets**

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



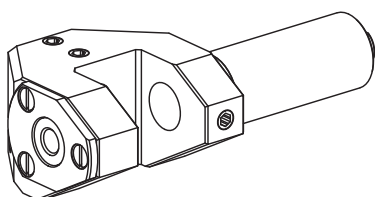
**11071318 Pièce de maintien des galets**

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



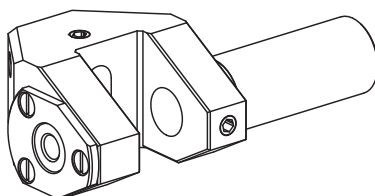
**10126683 Porte-outil moleté, réglable**

Fixation	aucune
Attachement	D2-24
Arrosage	-
X / Y / Z	51 / - / - mm



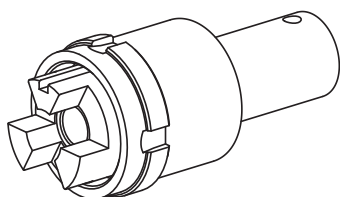
**10900179 PO de tournage et de guidage**

Fixation	aucune
Attachement	D6
Arrosage	-
X / Y / Z	48 / - / - mm



**11045363 PO de tournage et de guidage**

Fixation	aucune
Attachement	D6
Arrosage	-
X / Y / Z	48 / - / - mm

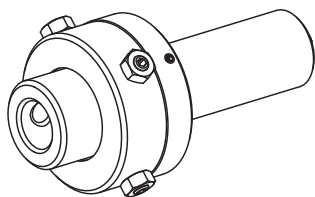


**10448210 Porte-taraud à compensation, extensible**

Fixation	aucune
Attachement	M29x1
Arrosage	-
X / Y / Z	43 / - / - mm

## Porte-outils pour adaptateurs Queue 3/4"

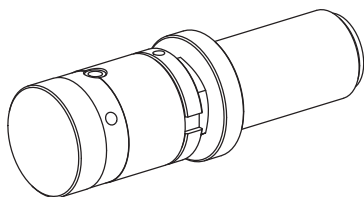
**INDEX** **TRAUB**



### 10148392 Porte-alésoir, réglable

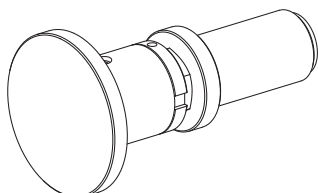
Fixation	–
Attachement	D12
Arrosage	–
X / Y / Z	33,5 / – / – mm

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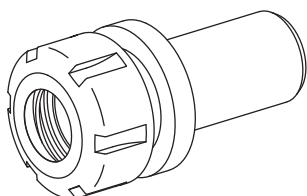
**10142581 Butée matière , réglable, rotative**

Fixation aucune  
Attachement –  
Arrosage –  
X / Y / Z 58-94 / – / – mm



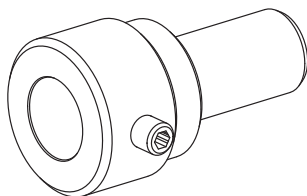
**10866327 Butée matière , réglable, rotative**

Fixation aucune  
Attachement –  
Arrosage –  
X / Y / Z 58-94 / – / – mm



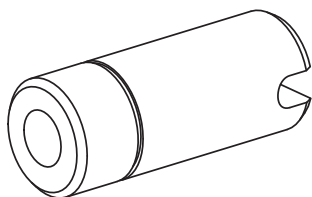
**10884174 Porte-foret**

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



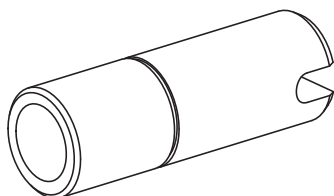
**10036301 Porte-foret**

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



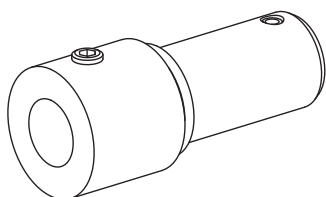
**11061115 Porte-foret**

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



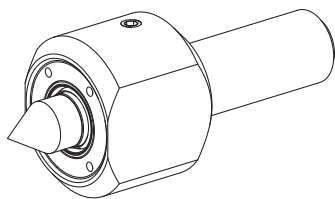
**10083633 Porte-foret**

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



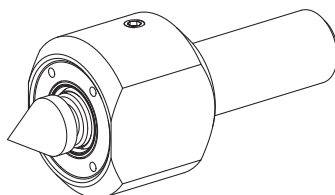
**10933401 Porte-alésoir**

Fixation –  
Attachement D18  
Arrosage –  
X / Y / Z 35 / – / – mm



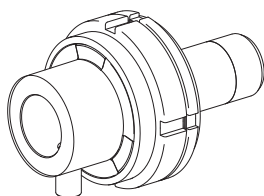
**10886503 Support de pointe de guidage, sur ressort, rotative**

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



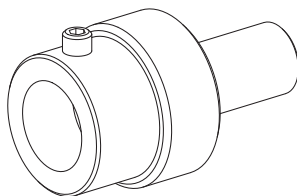
**10816897 Support de pointe de guidage, sur ressort, rotative**

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



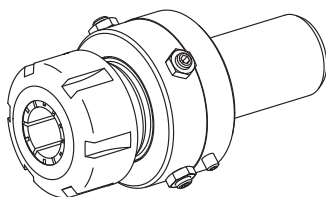
**10390181 Porte-taraud, à déclenchement**

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



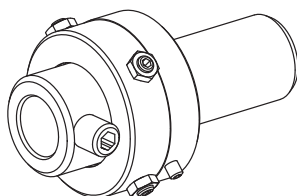
**10628055 Porte-taraud, extensible**

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



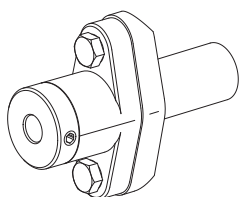
**10631262 Porte-alésoir, réglable**

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



**10448325 Porte-alésoir, réglable**

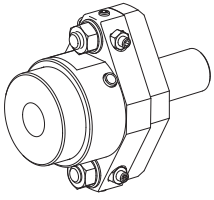
<b>Fixation</b>	aucune
<b>Attachement</b>	D18
<b>Arrosage</b>	–
<b>X / Y / Z</b>	41 / – / – mm



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

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

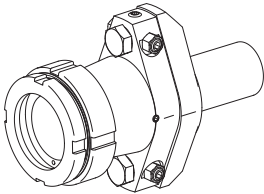




**10913831 Porte-brochage/Porte-mortaise, flottant, rotative**

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

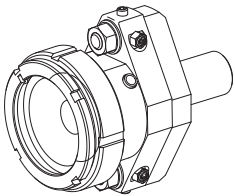
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**10281269 Porte-brochage/Porte-mortaise, flottant, rotative**

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

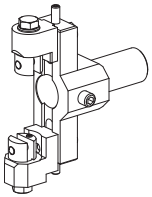
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**11062082 Porte-brochage/Porte-mortaise**

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

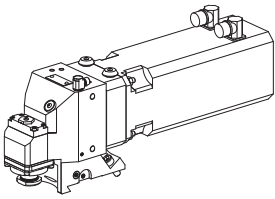
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**10722345 Porte-outil moleté, réglable**

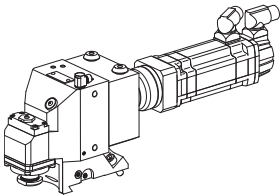
**Fixation** aucune  
**Attachement** D6-36  
**Arrosage** –  
**X / Y / Z** – / – / – mm

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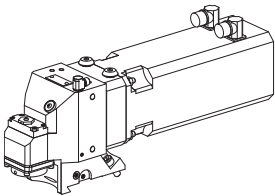
## 10605937 Unité de polygonage

Fixation	–
Attachement	Arbre porte- fraise D27
Arrosage	–
Rapport vitesse	1:1 (1)
X / Y / Z	– / – / – mm



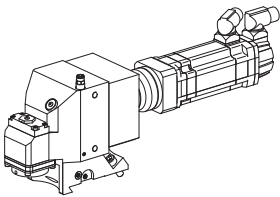
## 10811314 Unité de polygonage

Fixation	–
Attachement	Arbre porte- fraise D27
Arrosage	–
Rapport vitesse	7:1 (7)
X / Y / Z	– / – / – mm



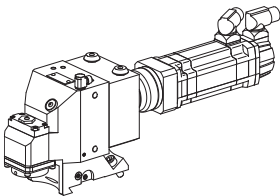
## 10604696 Unité de polygonage

Fixation	–
Attachement	INDEX KK-32
Arrosage	–
Rapport vitesse	1:1 (1)
X / Y / Z	– / – / – mm



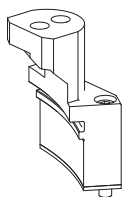
## 10408417 Unité de polygonage

Fixation	–
Attachement	INDEX KK-32
Arrosage	–
Rapport vitesse	5:1 (5)
X / Y / Z	– / – / – mm



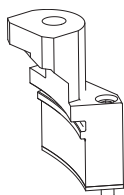
## 10494632 Unité de polygonage

Fixation	–
Attachement	INDEX KK-32
Arrosage	–
Rapport vitesse	7:1 (7)
X / Y / Z	– / – / – mm



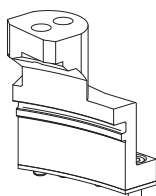
### 10128958 Unité de reprise, position de broche 3

Fixation	–
Attachement	D12
Arrosage	–
X / Y / Z	104,2 / 17,5 / – mm



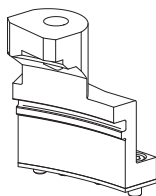
### 11043268 Unité de reprise, position de broche 3

Fixation	–
Attachement	D15
Arrosage	–
X / Y / Z	104,2 / – / – mm



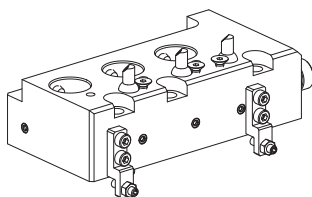
### 10990826 Unité de reprise, position de broche 6

Fixation	–
Attachement	D12
Arrosage	–
X / Y / Z	104,2 / 17,5 / – mm



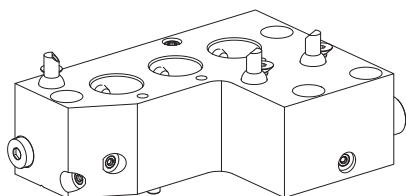
### 10810344 Unité de reprise, position de broche 6

Fixation	–
Attachement	D15
Arrosage	–
X / Y / Z	104,2 / – / – mm



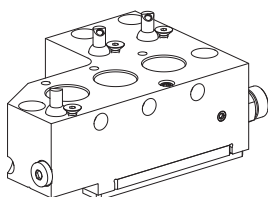
### 10110484 Unité de reprise

Fixation	–
Attachement	Pièce porte-foret D24
Arrosage	central et extérieur, $p_{max}$ 40 bar, AC 80 bar
X / Y / Z	– / – / – mm



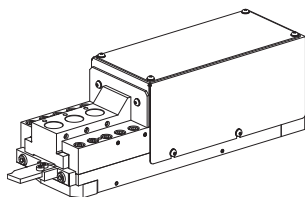
### 10192029 Unité de reprise

Fixation	–
Attachement	Pièce porte-foret D24
Arrosage	central et extérieur, $p_{max}$ 40 bar, AC 80 bar
X / Y / Z	– / – / – mm



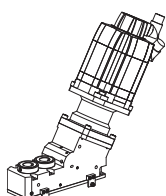
### 10474770 Unité de reprise

Fixation	–
Attachement	Pièce porte-foret D24
Arrosage	central et extérieur, $p_{max}$ 40 bar, AC 80 bar
X / Y / Z	– / – / – mm



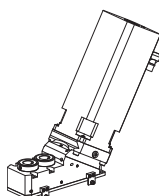
### 10879573 Unité de reprise, avec l'extension de la course

Fixation	–
Attachement	Insert changem. D24, triple
Arrosage	extérieur, $p_{max}$ 40 bar
X / Y / Z	– / – / – mm



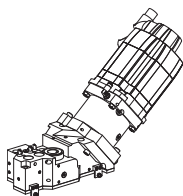
### 10146379 Unité de reprise, pour la commande C200-sI

Fixation	–
Attachement	WFB 24-16
Arrosage	–
Rapport vitesse	1:1,25 (0,8)
X / Y / Z	– / – / – mm



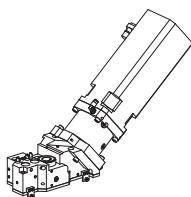
### 10900982 Unité de reprise

Fixation	–
Attachement	WFB 24-16
Arrosage	–
Rapport vitesse	1:1,25 (0,8)
X / Y / Z	– / – / – mm



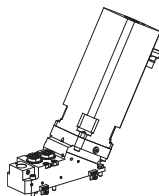
### 10863002 Unité de reprise

Fixation	–
Attachement	2x D22 – 1x WFB 24-16
Arrosage	–
Rapport vitesse	1:1,383 (0,723)
X / Y / Z	– / – / – mm



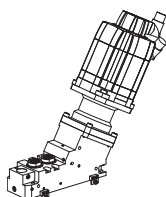
### 10961716 Unité de reprise

Fixation	–
Attachement	2x D22 – 1x WFB 24-16
Arrosage	–
Rapport vitesse	1:1,383 (0,723)
X / Y / Z	– / – / – mm



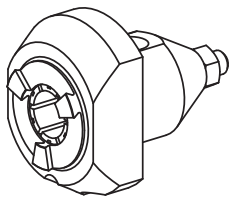
### 10556825 Unité de reprise

Fixation	–
Attachement	1x D24 – 2x ER 16
Arrosage	–
Rapport vitesse	1:1,576 (0,634)
X / Y / Z	– / – / – mm



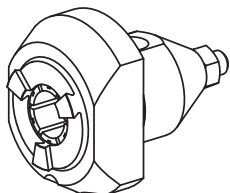
### 10870218 Unité de reprise, pour la commande C200-sI

Fixation	–
Attachement	1x D24 – 2x ER 16
Arrosage	–
Rapport vitesse	1:1,576 (0,634)
X / Y / Z	– / – / – mm



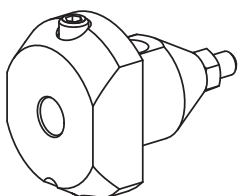
**10417636 Pièce porte-foret**

**Fixation** Queue D22  
**Attachement** ER 16  
**Arrosage** –  
**X / Y / Z** 13 / – / – mm



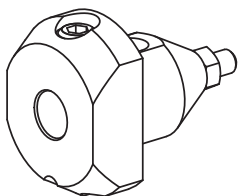
**10757759 Pièce porte-foret, scellé**

**Fixation** Queue D22  
**Attachement** ER 16  
**Arrosage** –  
**X / Y / Z** 13 / – / – mm



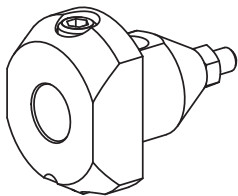
**10884793 Pièce porte-foret**

**Fixation** Queue D22  
**Attachement** D8  
**Arrosage** –  
**X / Y / Z** 13 / – / – mm



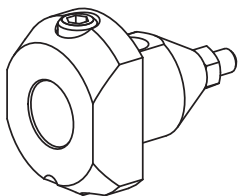
**11168823 Pièce porte-foret**

**Fixation** Queue D22  
**Attachement** D10  
**Arrosage** –  
**X / Y / Z** 13 / – / – mm



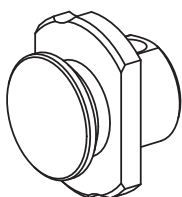
**10406274 Pièce porte-foret**

**Fixation** Queue D22  
**Attachement** D12  
**Arrosage** –  
**X / Y / Z** 13 / – / – mm



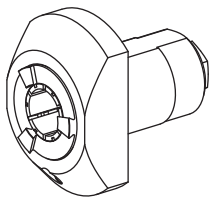
**10336013 Pièce porte-foret**

**Fixation** Queue D22  
**Attachement** D14  
**Arrosage** –  
**X / Y / Z** 13 / – / – mm



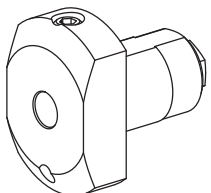
**10633382 Obturateur**

**Fixation** Queue D22  
**Attachement** –  
**Arrosage** –  
**X / Y / Z** 13 / – / – mm



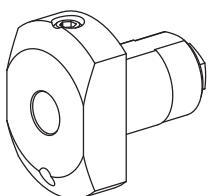
**10625033 Pièce porte-foret**

**Fixation** Queue D24  
**Attachement** ER 20  
**Arrosage** –  
**X / Y / Z** 15 / – / – mm



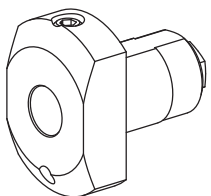
**10650489 Pièce porte-foret**

**Fixation** Queue D24  
**Attachement** D10  
**Arrosage** –  
**X / Y / Z** 15 / – / – mm



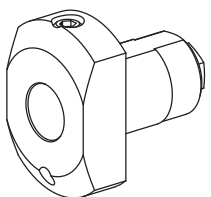
**10731209 Pièce porte-foret**

**Fixation** Queue D24  
**Attachement** D12  
**Arrosage** –  
**X / Y / Z** 15 / – / – mm



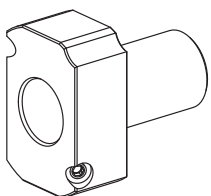
**12008456 Pièce porte-foret**

**Fixation** Queue D24  
**Attachement** D14  
**Arrosage** –  
**X / Y / Z** 15 / – / 0 mm



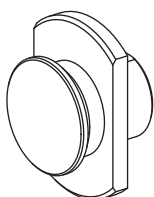
**10949674 Pièce porte-foret**

**Fixation** Queue D24  
**Attachement** D16  
**Arrosage** –  
**X / Y / Z** 15 / – / – mm



**10291486 Pièce porte-foret**

**Fixation** Queue D24  
**Attachement** Hydroexpansible D20  
**Arrosage** –  
**X / Y / Z** 20 / – / – mm



**10293031 Obturateur**

**Fixation** Queue D24  
**Attachement** –  
**Arrosage** –  
**X / Y / Z** 15 / – / – mm





**INDEX-Werke GmbH & Co. KG  
Hahn & Tessky**

Plochinger Straße 92  
D-73730 Esslingen

Fon +49 711 3191-0  
Fax +49 711 3191-587

[info@index-werke.de](mailto:info@index-werke.de)  
[www.index-werke.de](http://www.index-werke.de)