

Modulare Aggregatetechnik

TORNOS



**Katalog
TO-03**



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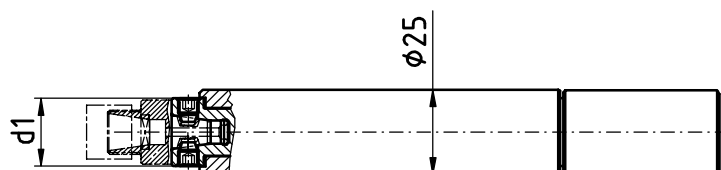
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

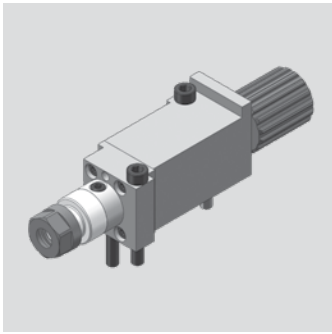
Outil de perçage et de fraisage axiale

WG 35



[mm]	Spindle Broche Spindel	[Nm] T max	[rpm] n max	i	Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar] p	Order no. N° de Code Bestellnummer
d1								
20	WF-Micro	6	12.000	1:1				MPU.TO.WFM.0110.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8



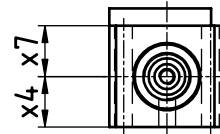
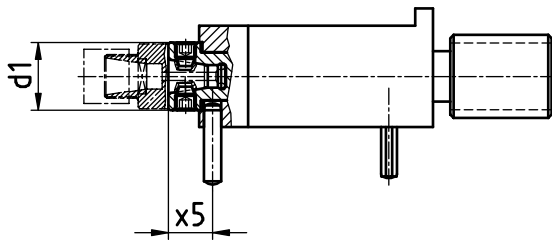
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
20	15	13	15	WF-Micro	6	12.000	1:1				MPU.TO.WFM.0115.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8

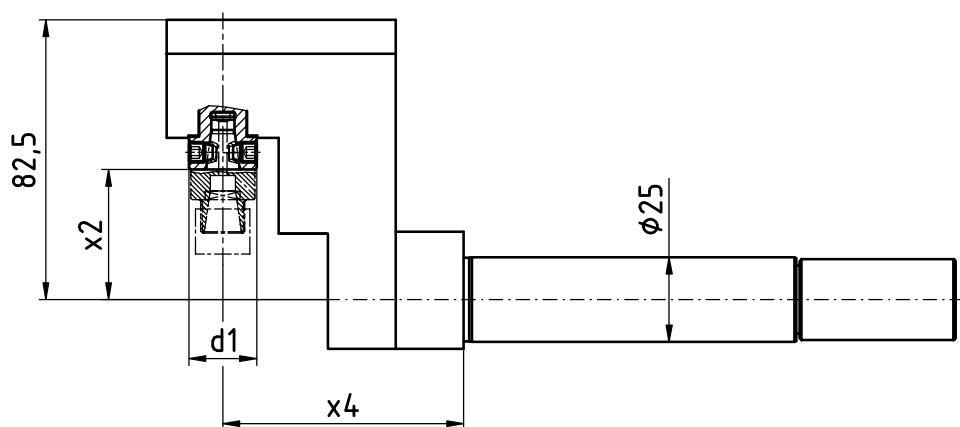
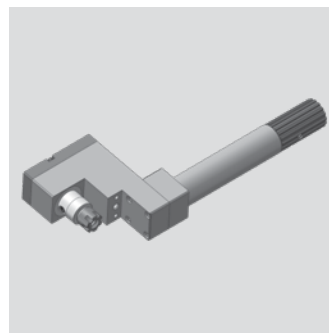
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

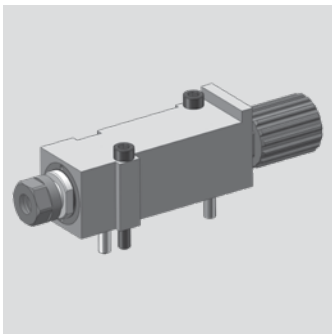
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x4		T max	n max	i			p	
20	38,4	71	WF-Micro	6	12.000	1:1				MPU.TO.WFM.0210.DE10

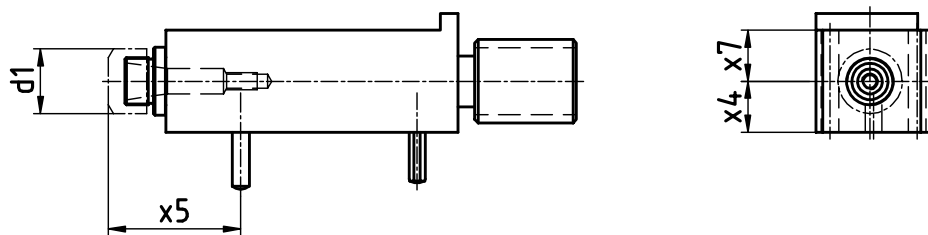
Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8



Tornos - EvoDECO

Axial Bohr- und Fräskopf
 Axial drilling and milling head
 Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
19	39	15	15	ER11	6	12.000	1:1				MPU.TO.0115.DE10
19	39	30	15	ER11	6	12.000	1:1				MPU.TO.0130.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8

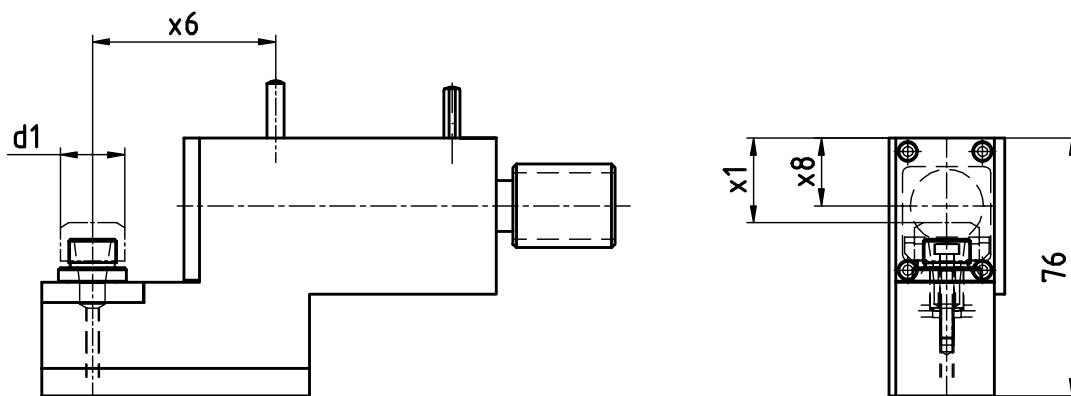
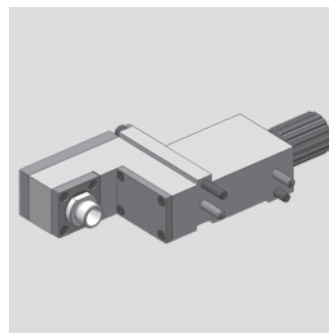
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

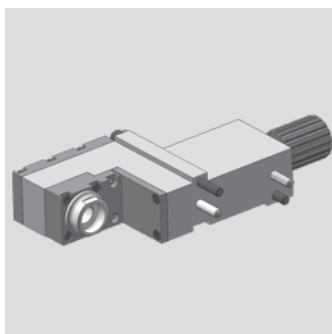
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
19	25	54	20	ER11	6	12.000	1:1				MPU.TO.0200.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8



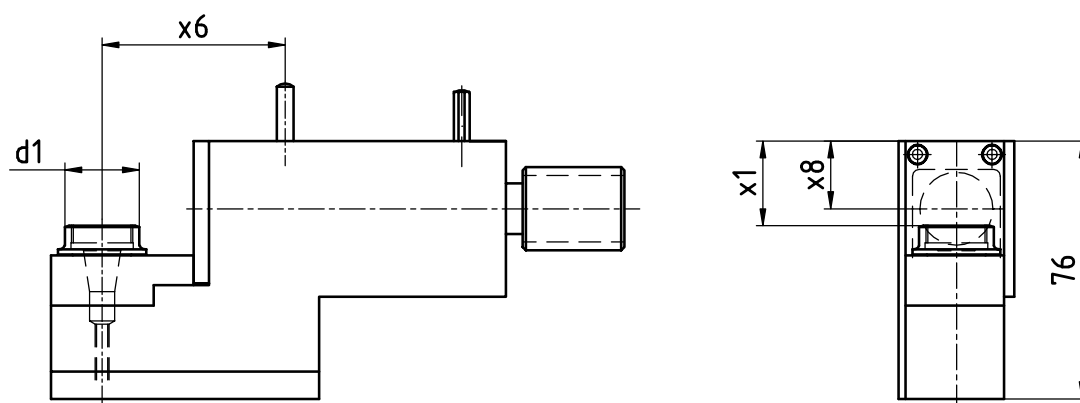
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
22	25	54	20	ER11	6	12.000	1:1				MPU.TO.0200.DE10.X2

Passend für Maschine:

suitable machines:

approprié pour la machine:

DECO 10

EvoDECO 10/10

EvoDECO 10/8

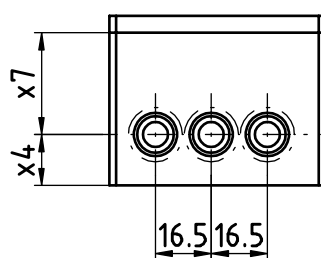
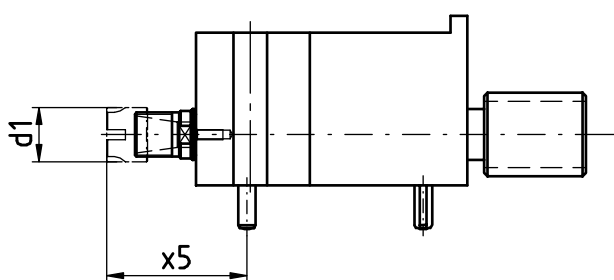
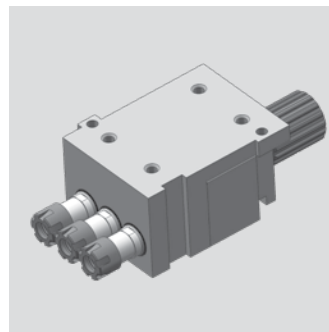
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

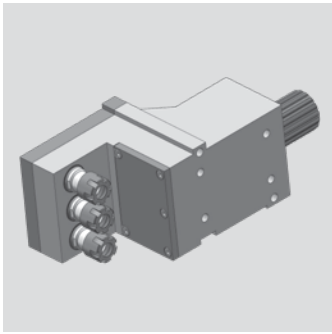
Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche	[Nm]	[rpm]		Outside cooling Lubrificat. ext.	Internal cooling Lubrificat. cent.	[bar]	Order no. N° de Code
d1	x4	x5	x7	Spindel	T max	n max	i	Aussenkühlung	Innenkühlung	p	Bestellnummer
16	15	41,3	30	ER11 MINI	5	12.000	1:1				MPU.TO.1103.DE10
16	30	41,3	30	ER11 MINI	5	12.000	1:1				MPU.TO.1203.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8



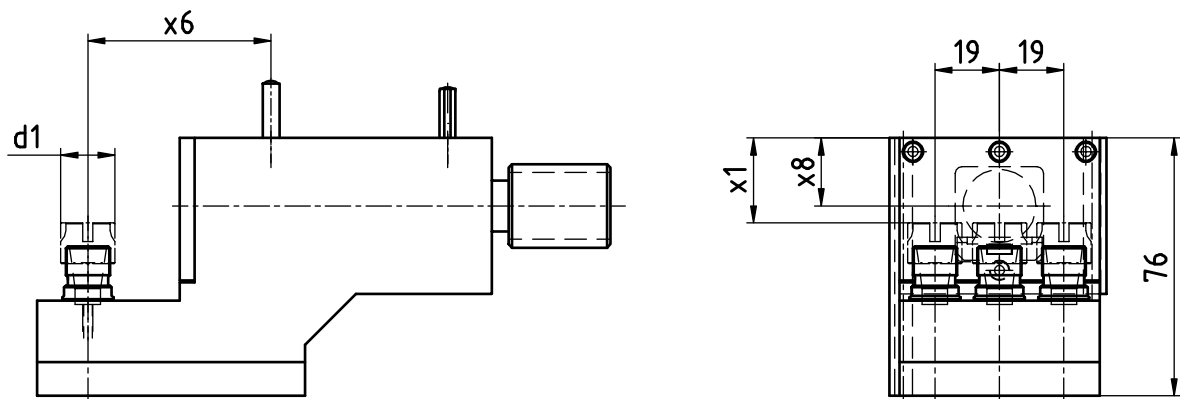
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche	[Nm]	[rpm]		Outside cooling Lubrificat. ext.	Internal cooling Lubrificat. cent.	[bar]	Order no. N° de Code
d1	x1	x6	x8	Spindel	T max	n max	i	Aussenkühlung	Innenkühlung	p	Bestellnummer
16	25	54	20	ER11 MINI	6	12.000	1:1				MPU.TO.2103.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8

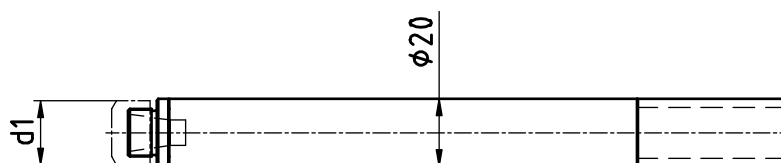
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	Spindle Broche Spindel	[Nm] T max	[rpm] n max		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar] p	Order no. N° de Code Bestellnummer
d1			i					
19	ER11	6	12.000	1:1				MPU.TO.0120.DE10

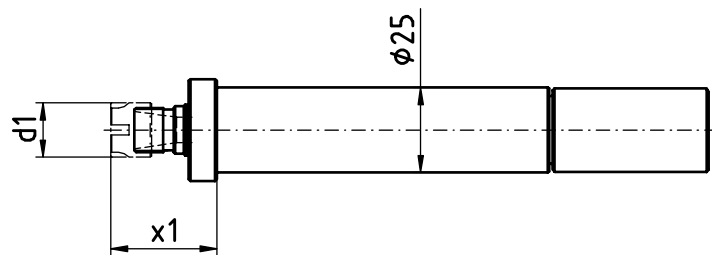
Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8



Tornos - EvoDECO

Axial Bohr- und Fräskopf
 Axial drilling and milling head
 Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	Spindle Broche Spindel	[Nm] T max	[rpm] n max	i	Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar] p	Order no. N° de Code Bestellnummer
d1	x1								
16	31,3	ER11 MINI	6	12.000	1:1				MPU.TO.0110.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8

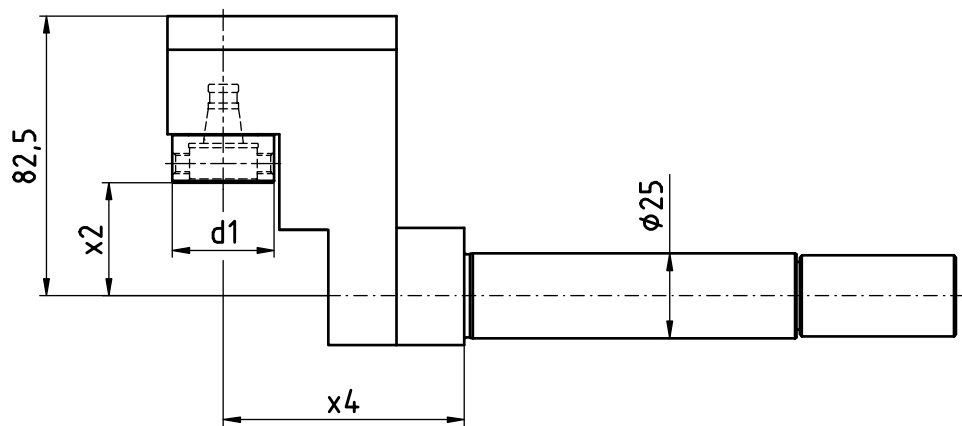
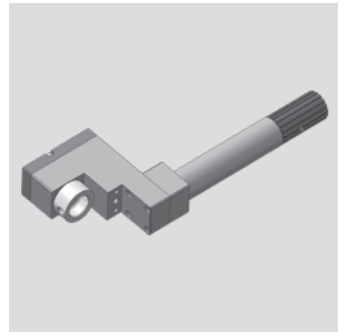
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

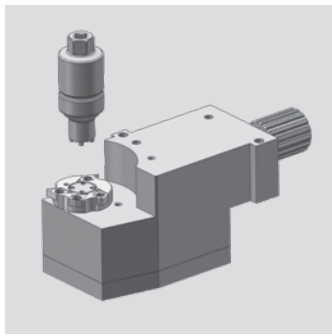
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x4		T max	n max	i			p	
16	31,3	71	WFB 20-12	6	12.000	1:1				MPU.TO.0210.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8



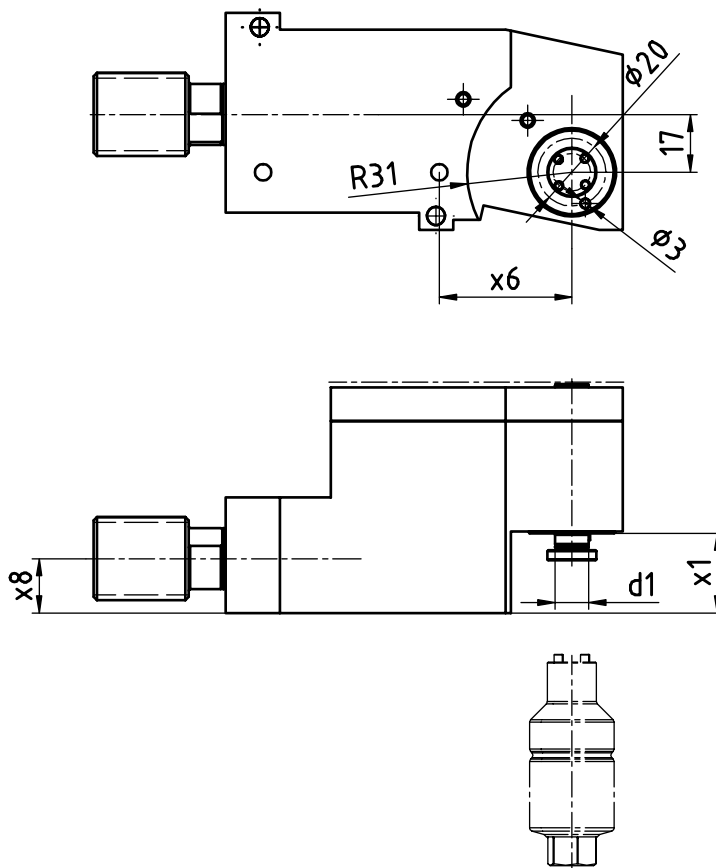
Tornos - EvoDECO

Radial-Bohr- und Fräskopf (Mehrkantschlagen)

radial drilling and milling head (polyhedral beat)

Outil Rotatif Radial de Pertage et de Fraisage (battement polyedrique)

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
10	23,5	39	16		8	12.000	1:1,333				MPU.TO.0900.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8

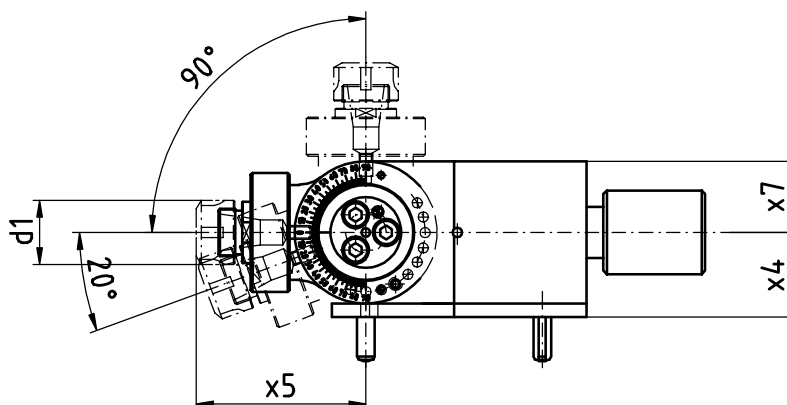
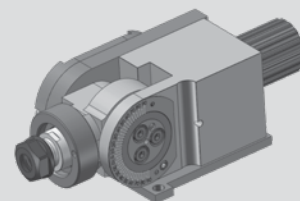
Tornos - EvoDECO

Bohr- und Fräskopf winkelverstellbar

Drilling and milling swivel head

Outil de perçage et de fraisage tournant

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
19	25	50	21	ER11	6	12.000	1:1				MPU.TO.0300.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8



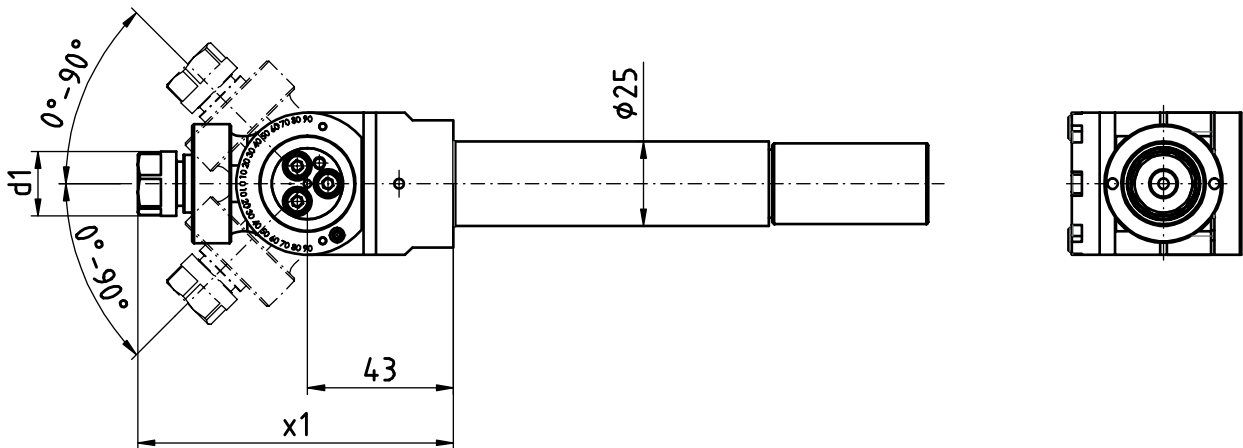
Tornos - EvoDECO

Bohr- und Fräskopf winkelverstellbar

Drilling and milling swivel head

Outil de perçage et de fraisage tournant

WG 35



[mm]	[mm]	Spindle Broche Spindel	[Nm] T max	[rpm] n max	i	Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar] p	Order no. N° de Code Bestellnummer
d1	x1								
19	93	ER11	6	12.000	1:1				MPU.TO.0310.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8

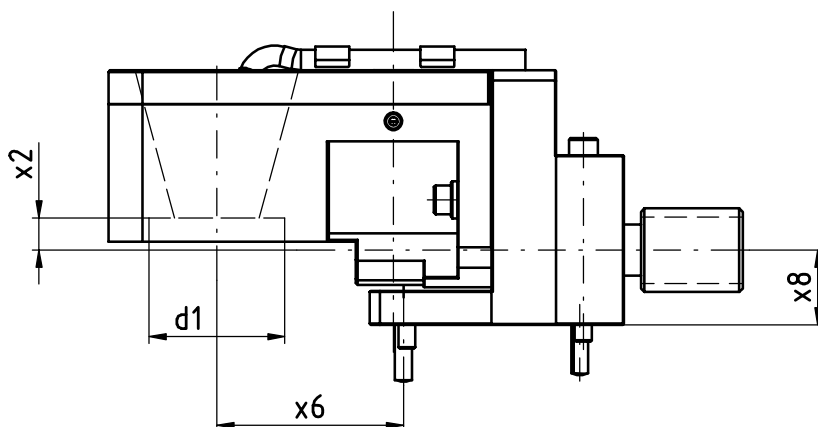
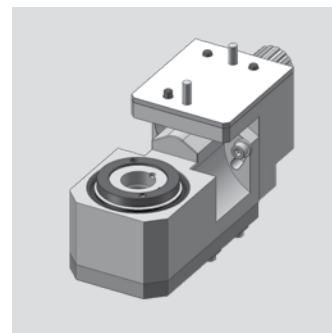
Tornos - EvoDECO

Gewindewirbelapparat

Thread whirling unit

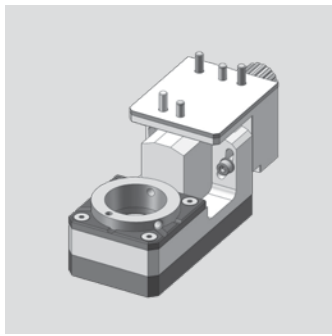
Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i			p	
40	9,5	55	22	Tornos org.	6	12.000	1:1	x			MPU.TO.0800.DE10

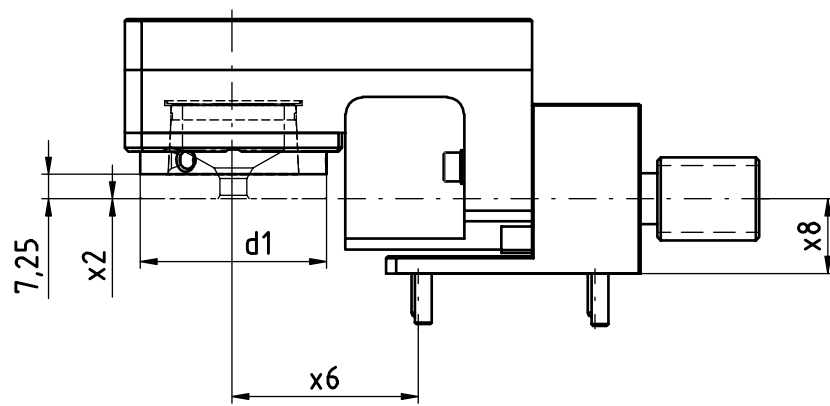
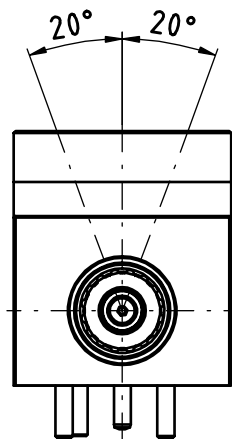
Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8



Tornos - EvoDECO

Gewindewirbelapparat modular
Thread whirling unit
Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i			p	
54	0	55	22	WFW 50	6	12.000	1:1	x			MPU.TO.M0800.DE10

Passend für Maschine:	DECO 10
suitable machines:	EvoDECO 10/10
approprié pour la machine:	EvoDECO 10/8

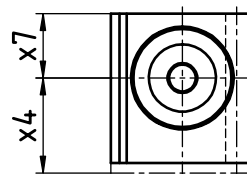
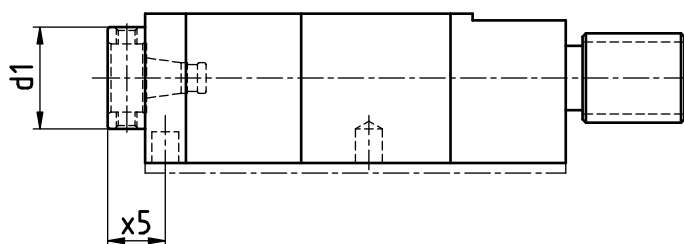
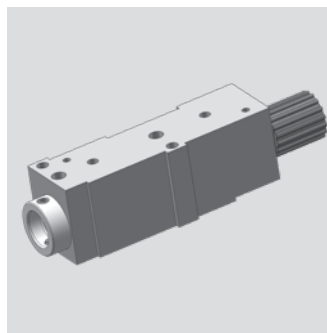
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

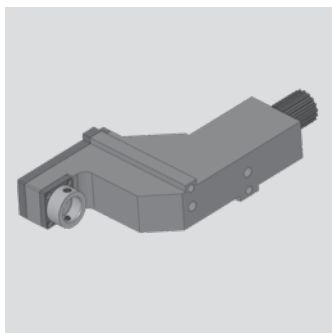
Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche	[Nm]	[rpm]		Outside cooling Lubrificat. ext.	Internal cooling Lubrificat. cent.	[bar]	Order no. N° de Code
d1	x4	x5	x7	Spindel	T max	n max	i	Aussenkühlung	Innenkühlung	p	Bestellnummer
30	28	7	19	WFB 20-12	8	8.000	1:1				MPU.TO.0100.DE13
30	28	17	19	WFB 20-12	8	8.000	1:1				MPU.TO.0110.DE13
30	28	33	19	WFB 20-12	8	8.000	1:1				MPU.TO.0120.DE13
30	28	17	36	WFB 20-12	3	24.000	1:3				MPU.TO.0130.DE13
30	28	7	36	WFB 20-12	3	24.000	1:3		x	80	MPU.TO.0100.DE13H
30	28	17	36	WFB 20-12	3	24.000	1:3		x	80	MPU.TO.0110.DE13H
30	28	33	36	WFB 20-12	3	24.000	1:3		x	80	MPU.TO.0120.DE13H
30	28	7	36	WFB 20-12	8	8.000	1:1		x	80	MPU.TO.0100.DE13H1
30	28	33	36	WFB 20-12	8	8.000	1:1		x	80	MPU.TO.0120.DE13H1

Passend für Maschine: DECO 13 EvoDECO 16/10
 suitable machines: DECO 16 EvoDECO 16/8
 approprié pour la machine:



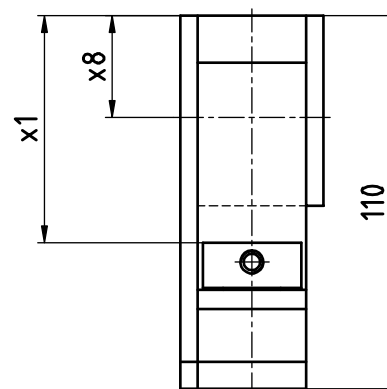
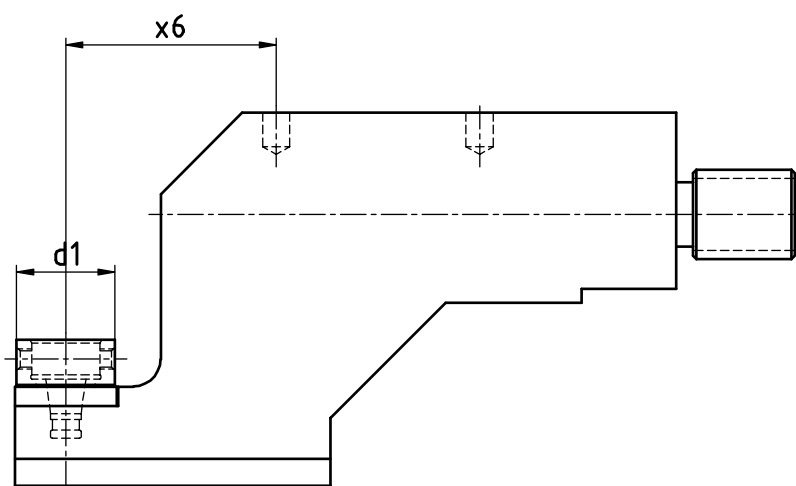
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
30	67	62	30	WFB 20-12	8	8.000	1:1				MPU.TO.0200.DE13

Passend für Maschine:	DECO 13	EvoDECO 16/10
suitable machines:	DECO 16	EvoDECO 16/8
approprié pour la machine:		

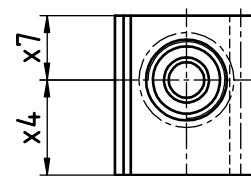
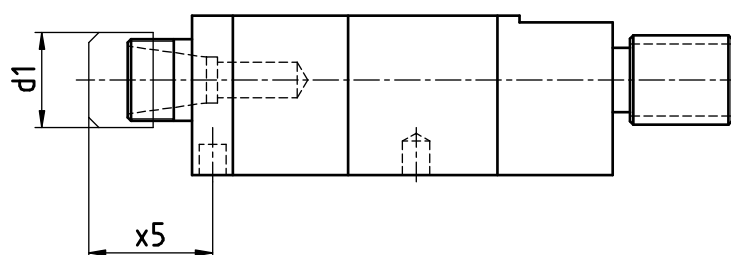
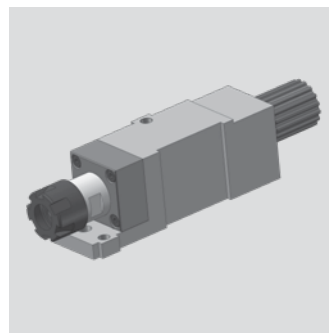
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

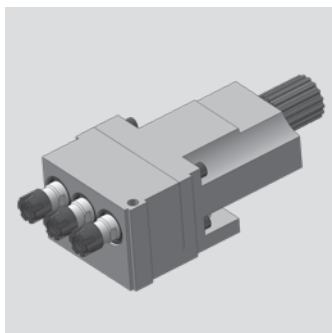
Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
28	28	26,5	19	ER20 MINI	8	8.000	1:1				MPU.TO.0100.DE13.ER20M
28	28	36,5	19	ER20 MINI	8	8.000	1:1				MPU.TO.0110.DE13.ER20M
28	28	71,5	19	ER20 MINI	8	8.000	1:1				MPU.TO.0120.DE13.ER20M

Passend für Maschine:	DECO 13	EvoDECO 16/10
suitable machines:	DECO 16	EvoDECO 16/8
approprié pour la machine:		



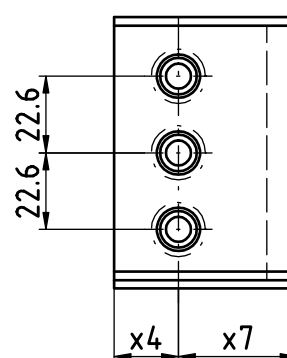
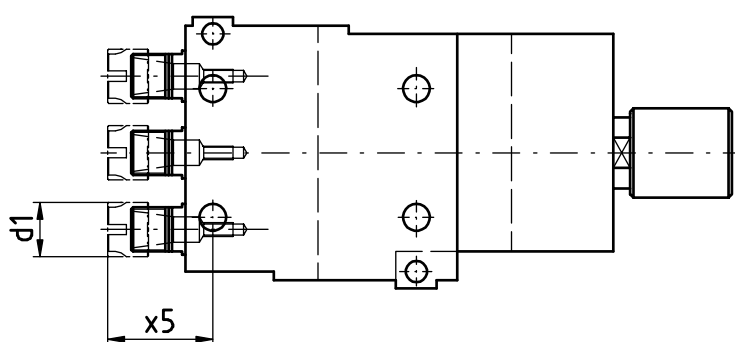
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
16	19	31	35	ER11 MINI	8	8.000	1:1				MPU.TO.1103.DE13

Passend für Maschine:	DECO 13	EvoDECO 16/10
suitable machines:	DECO 16	EvoDECO 16/8
approprié pour la machine:		

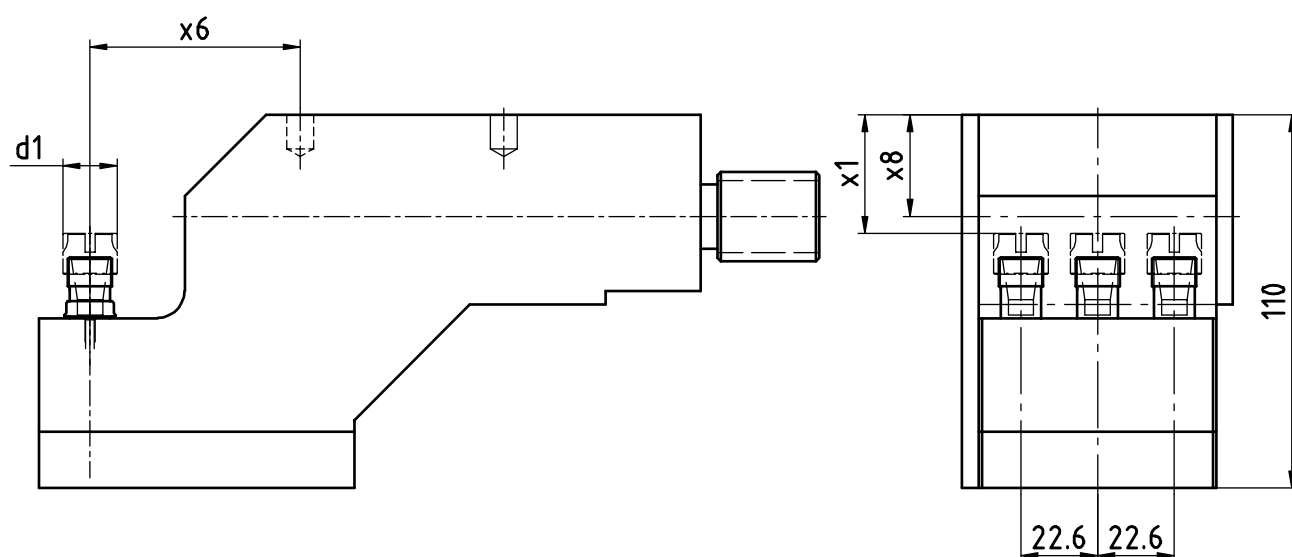
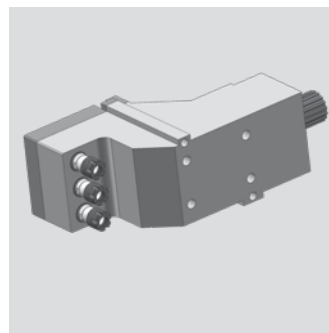
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

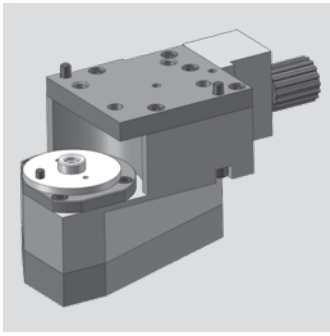
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
16	35	62	80	ER11 MINI	8	8.000	1:1				MPU.TO.2103.DE13

Passend für Maschine:	DECO 13	EvoDECO 16/10
suitable machines:	DECO 16	EvoDECO 16/8
approprié pour la machine:		



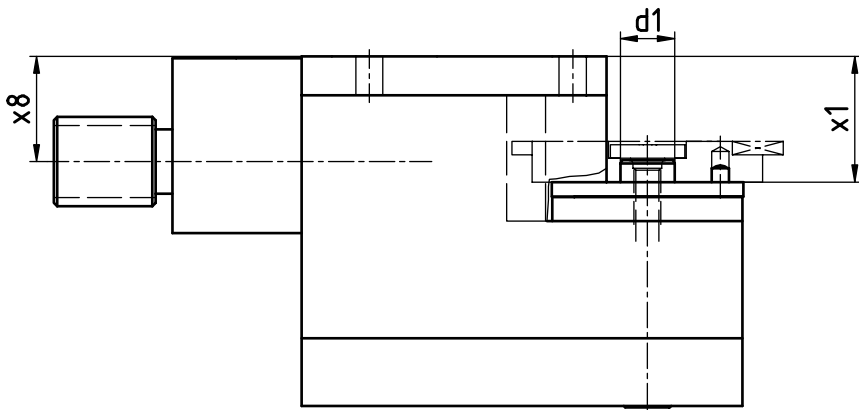
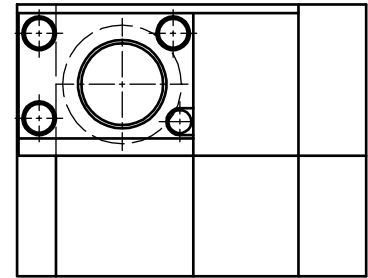
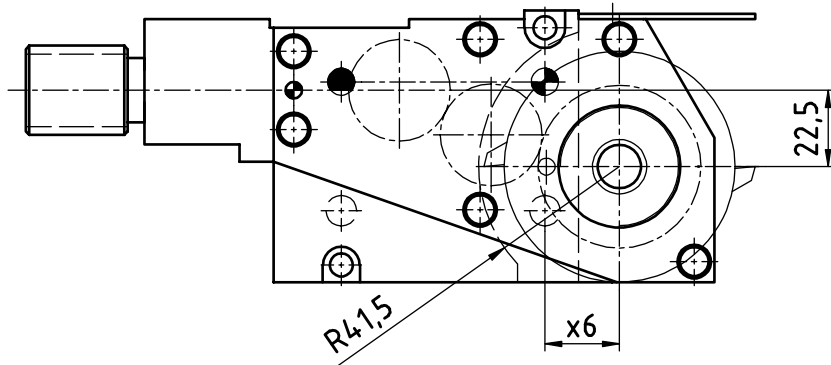
Tornos - EvoDECO

Radial-Bohr- und Fräskopf (Mehrkantschlagen)

radial drilling and milling head (polyhedral beat)

Outil Rotatif Radial de Pertage et de Fraisage (battement polyedrique)

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
16	37	22	31		16	5.000	1,6:1				MPU.TO.0900.DE13

Passend für Maschine:	DECO 13	EvoDECO 16/10
suitable machines:	DECO 16	EvoDECO 16/8
approprié pour la machine:		

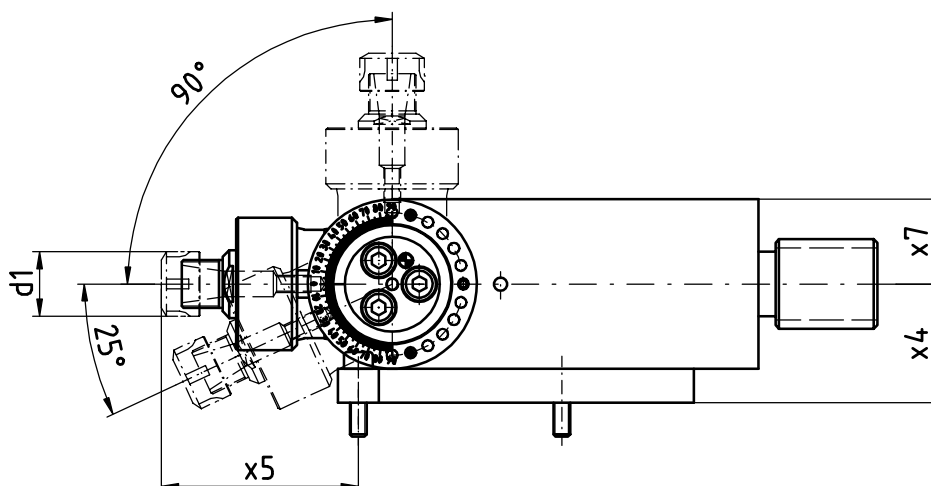
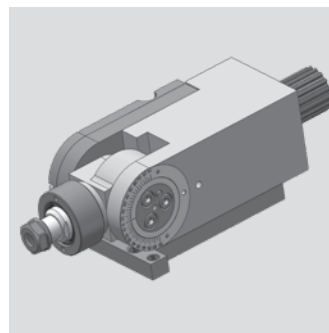
Tornos - EvoDECO

Bohr- und Fräskopf winkelverstellbar

Drilling and milling swivel head

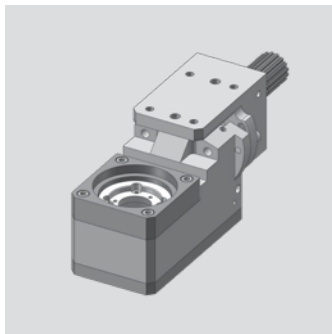
Outil de perçage et de fraisage tournant

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
19	35	58	25	ER11	8	8.000	1:1				MPU.TO.0300.DE13

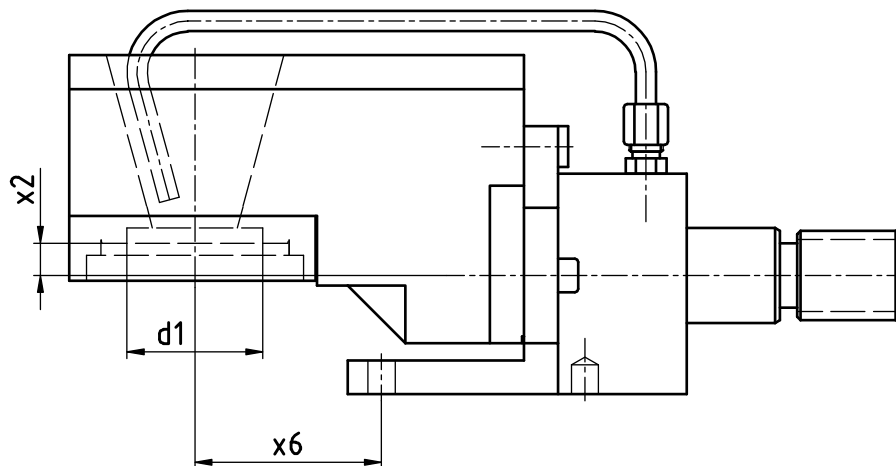
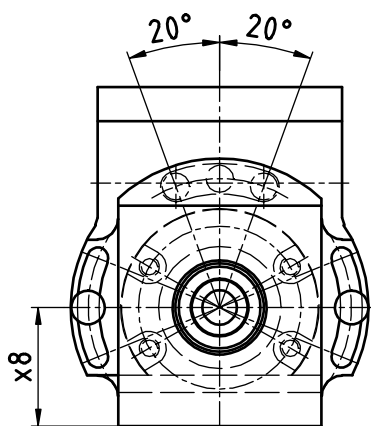
Passend für Maschine:	DECO 13	EvoDECO 16/10
suitable machines:	DECO 16	EvoDECO 16/8
approprié pour la machine:		



Tornos - EvoDECO

Gewindewirbelapparat
Thread whirling unit
Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i			p	
40	9,5	55	35	Tornos org.	16	8.000	1:1	x			MPU.TO.0800.DE13

Passend für Maschine:	DECO 13	EvoDECO 16/10
suitable machines:	DECO 16	EvoDECO 16/8
approprié pour la machine:		

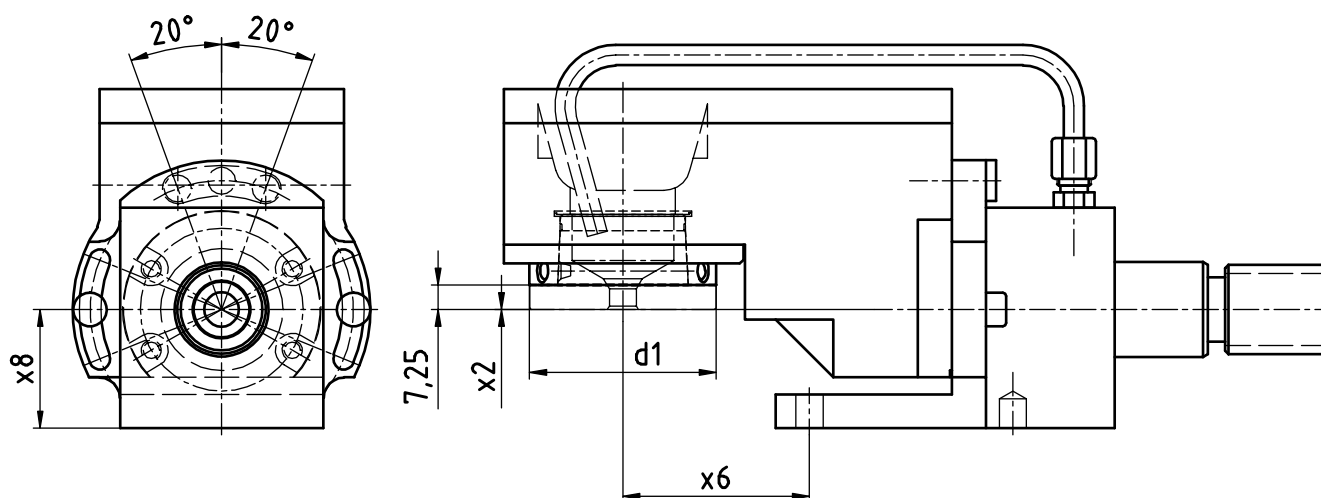
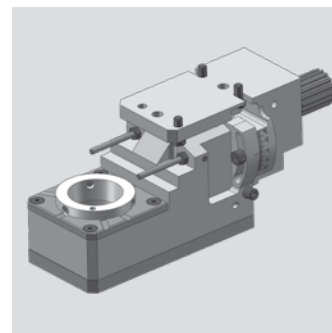
Tornos - EvoDECO

Gewindewirbelapparat modular

Thread whirling unit

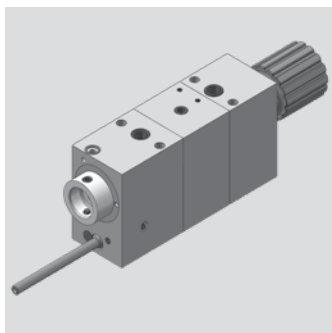
Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i			p	
54	0	55	35	WFW 50	16	8.000	1:1	x			MPU.TO.M0800.DE13

Passend für Maschine:	DECO 13	EvoDECO 16/10
suitable machines:	DECO 16	EvoDECO 16/8
approprié pour la machine:		



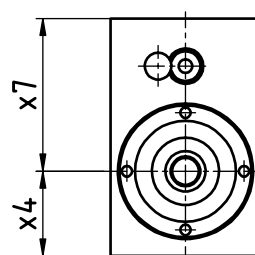
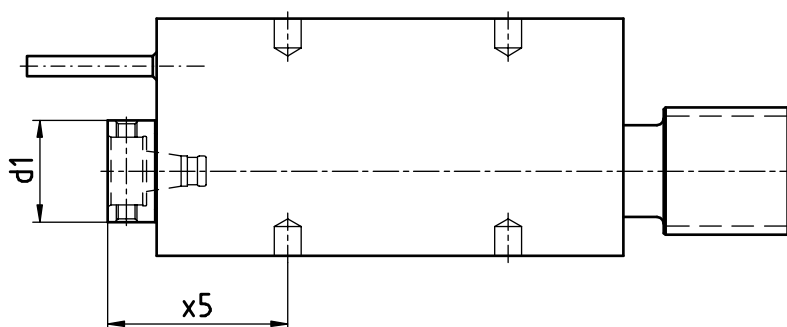
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche	[Nm]	[rpm]		Outside cooling Lubrificat. ext.	Internal cooling Lubrificat. cent.	[bar]	Order no. N° de Code
d1	x4	x5	x7	Spindel	T max	n max	i	Aussenkühlung	Innenkühlung	p	Bestellnummer
30	25	53	45	WFB 20-12	16	8.000	1:1	x			MPU.TO.0100.DE20-H25
30	25	53	45	WFB 20-12	16	8.000	1:1	x	x	170	MPU.TO.0100.DE20H1
30	25	53	45	WFB 20-12	8	14.544	1:1,818	x	x	170	MPU.TO.0100.DE20H2
30	27	53	43	WFB 20-12	16	8.000	1:1	x			MPU.TO.0100.DE20-H27
30	25	80	45	WFB 20-12	16	8.000	1:1	x			MPU.TO.0110.DE20
30	25	80	45	WFB 20-12	16	8.000	1:1	x	x	170	MPU.TO.0110.DE20H1
30	25	80	45	WFB 20-12	8	14.544	1:1,818	x	x	170	MPU.TO.0110.DE20H2
30	25	114	45	WFB 20-12	16	8.000	1:1	x			MPU.TO.0120.DE20
30	25	114	45	WFB 20-12	8	14.544	1:1,818	x	x	170	MPU.TO.0120.DE20H2

Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		

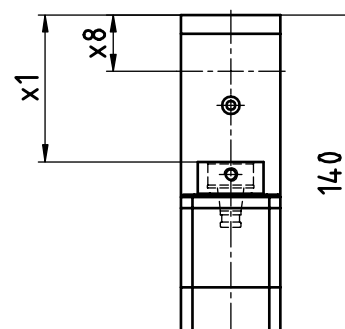
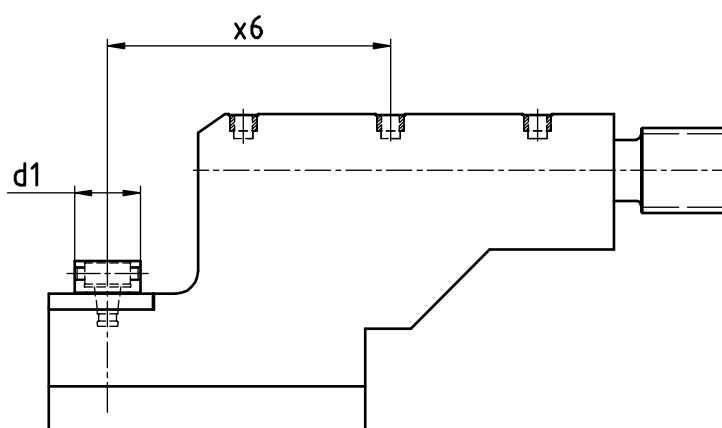
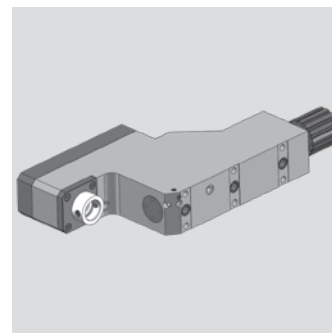
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

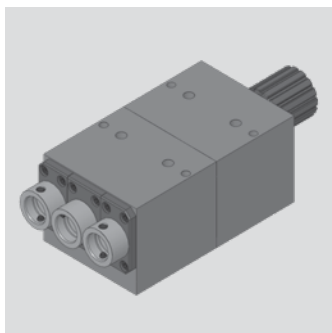
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
30	65	125	25	WFB 20-12	8	8.000	1:1	x			MPU.TO.0200.DE20

Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		



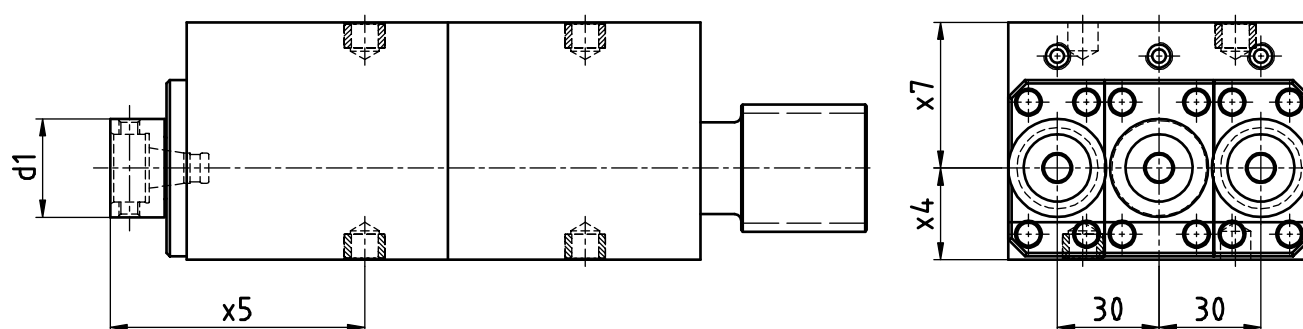
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
30	23	75	47	WFB 20-12	8	8.000	1:1	x			MPU.TO.1103.DE20

Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		

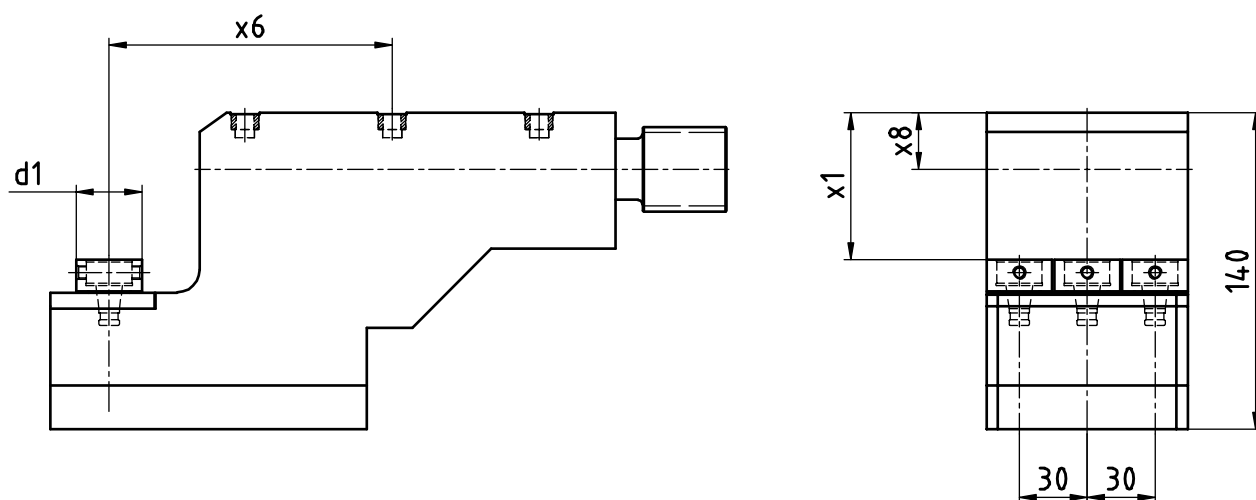
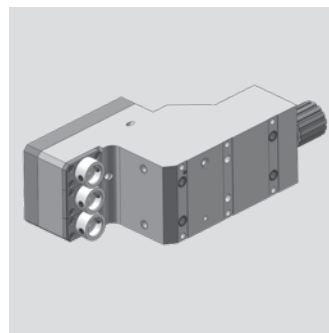
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

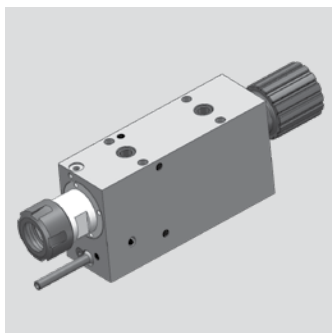
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
29	23	125	25	WFB 20-12	8	8.000	1:1	x			MPU.TO.2103.DE20

Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		



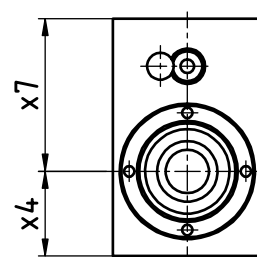
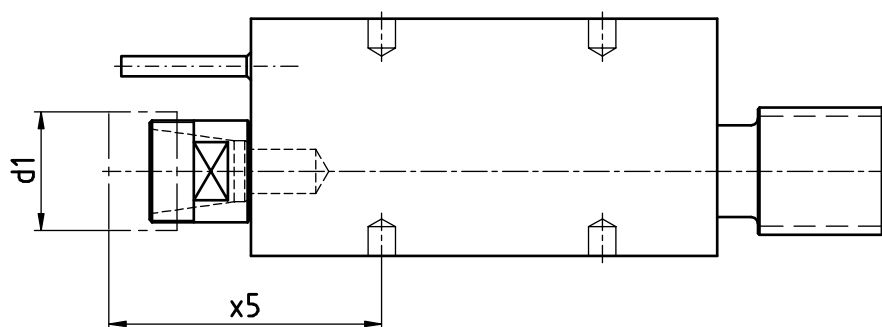
Tornos - EvoDECO

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
35	25	80	45	ER25 MINI	16	8.000	1:1	x			MPU.TO.0100.DE20.ER25M
35	25	110	45	ER25 MINI	16	8.000	1:1	x			MPU.TO.0110.DE20.ER25M
35	25	145	45	ER25 MINI	16	8.000	1:1	x			MPU.TO.0120.DE20.ER25M

Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		

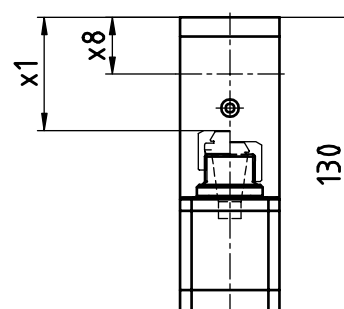
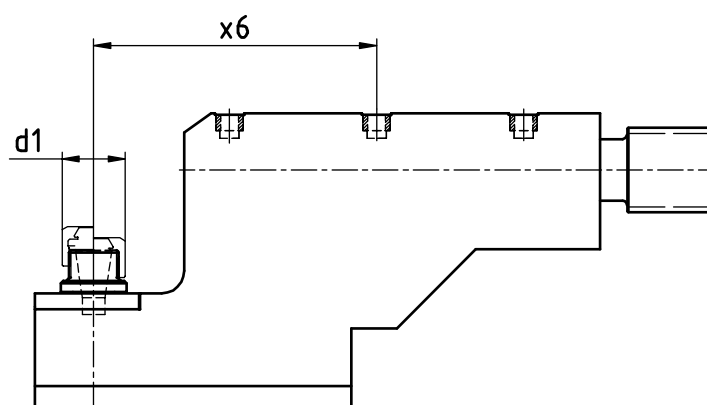
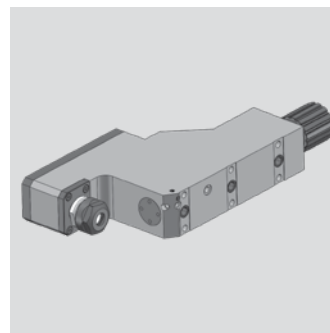
Tornos - EvoDECO

Radial Bohr- und Fräskopf

Radial drilling and milling head

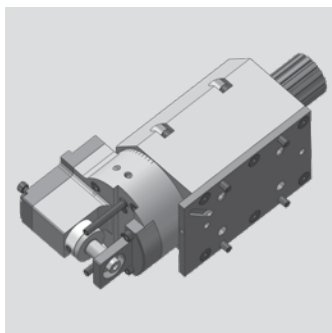
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6	x8		T max	n max	i			p	
28	50	125	25	ER16	8	8.000	1:1	x			MPU.TO.0210.DE20

Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		



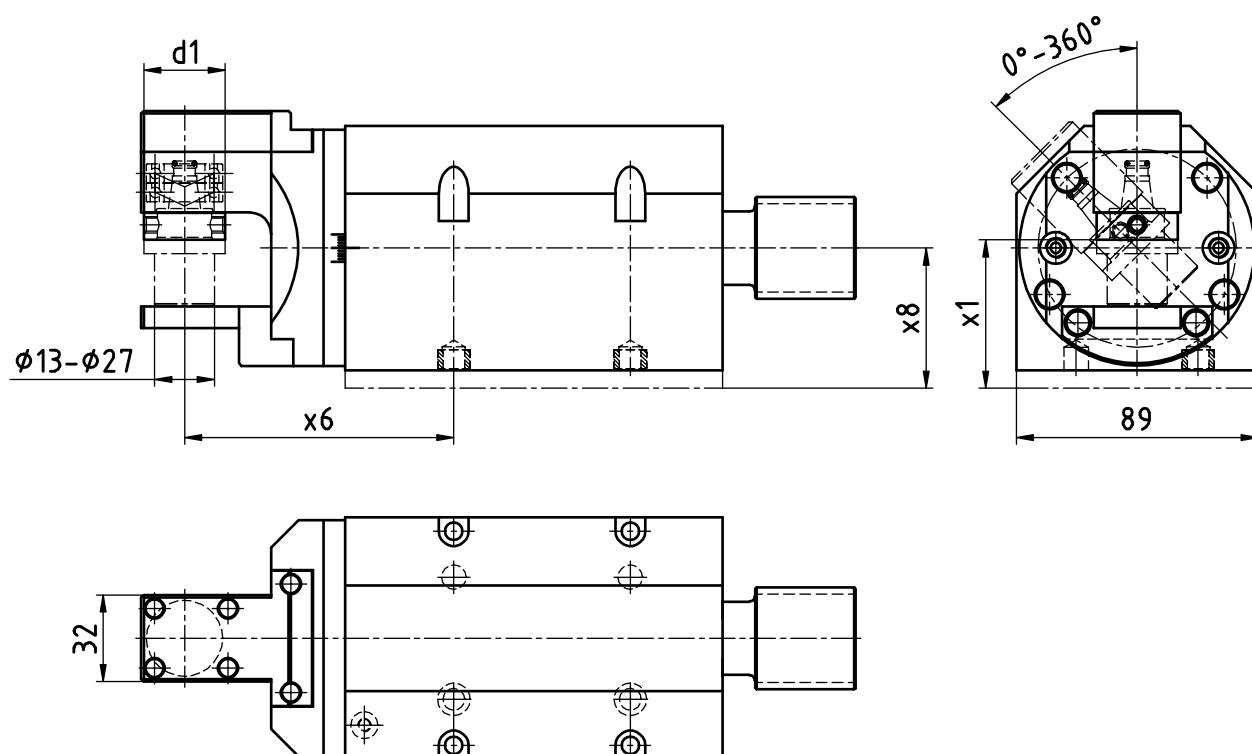
Tornos - EvoDECO

Radial-Bohr- und Fräskopf (Mehrkantschlagen)

radial drilling and milling head (polyhedral beat)

Outil Rotatif Radial de Pertage et de Fraisage (battement polyedrique)

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche	[Nm]	[rpm]		Outside cooling Lubrification ext.	Internal cooling Lubrification cent.	[bar]	Order no. N° de Code
d1	x1	x6	x8	Spindel	T max	n max	i	Aussenkühlung	Innenkühlung	p	Bestellnummer
30	54,7	99,25	51,7	WFB 20-12	16	8.000	1:1	x			MPU.TO.0900.DE20

Passend für Maschine:
suitable machines:
approprié pour la machine:

DECO 20 EvoDECO 20
DECO 26 EvoDECO 32

Achtung! Einsetzbar als schwenbarer Winkelkopf
attention! Useable as angle toolholder adjustable
attention! applicable en tant que tête d angle pivotante

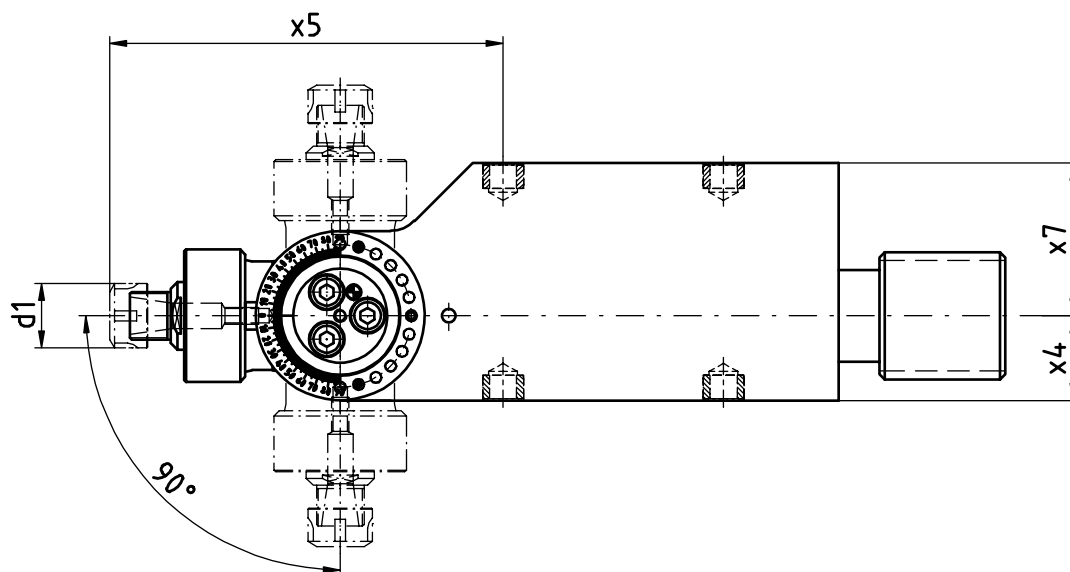
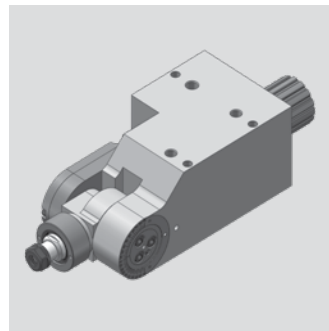
Tornos - EvoDECO

Bohr- und Fräskopf winkelverstellbar

Drilling and milling swivel head

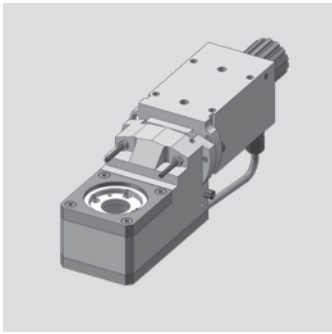
Outil de perçage et de fraisage tournant

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5	x7		T max	n max	i			p	
19	25	116	45	ER11	8	8.000	1:1				MPU.TO.0300.DE20
19	25	148	45	ER11	8	8.000	1:1				MPU.TO.0310.DE20

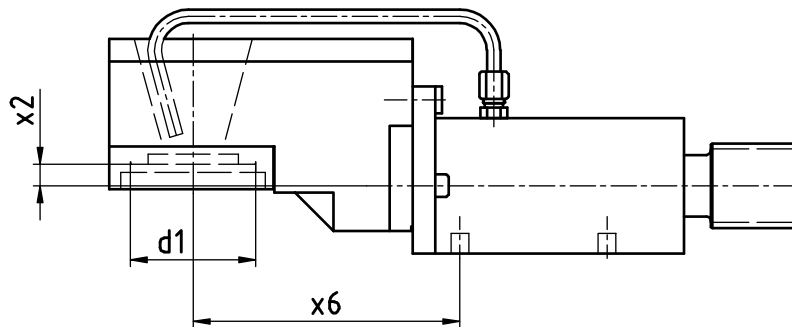
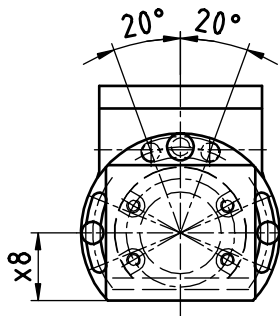
Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		



Tornos - EvoDECO

Gewindewirbelapparat
Thread whirling unit
Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i			p	
40	9,5	118	35	Tornos org.	16	8.000	1:1	x			MPU.TO.0800.DE20

Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		

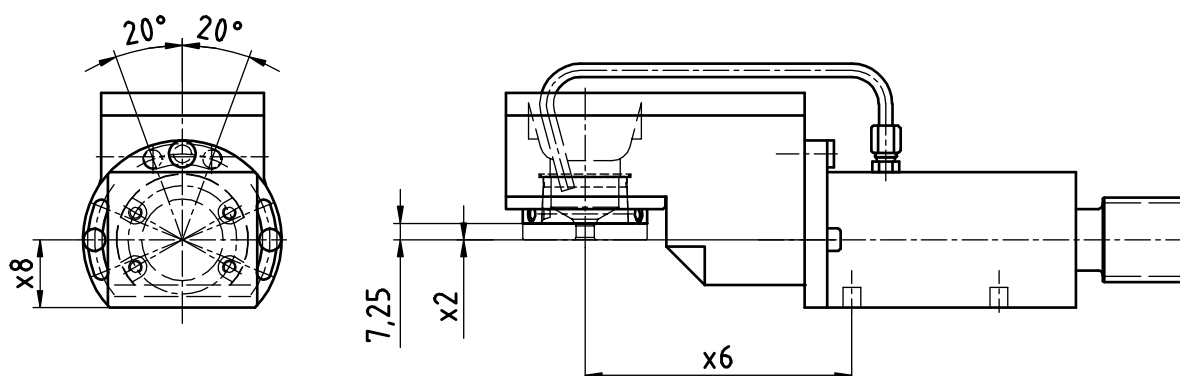
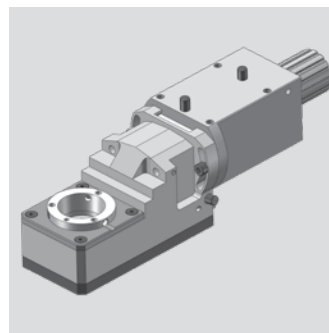
Tornos - EvoDECO

Gewindewirbelapparat modular

Thread whirling unit

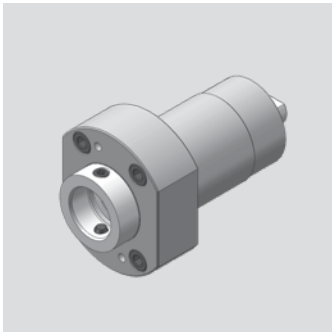
Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i			p	
54	0	118	30	WFW 50	16	8.000	1:1	x			MPU.TO.M0800.DE20

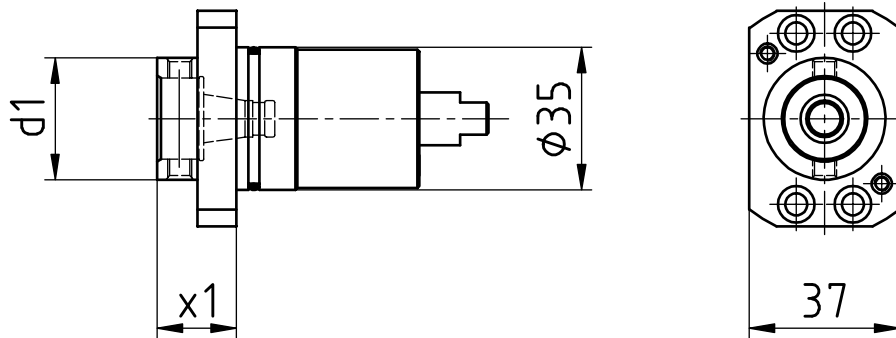
Passend für Maschine:	DECO 20	EvoDECO 20
suitable machines:	DECO 26	EvoDECO 32
approprié pour la machine:		



Tornos - Gamma

Axial Bohr- und Fräskopf
 Axial drilling and milling head
 Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	Spindle Broche Spindel	[Nm] T max	[rpm] n max		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar] p	Order no. N° de Code Bestellnummer
d1	x1			i					
30	19,5	WFB 20-12	10	8.000	1:1				MPU.Z25.B20.AA0.GA

Passend für Maschine:	Gamma 20
suitable machines:	
approprié pour la machine:	

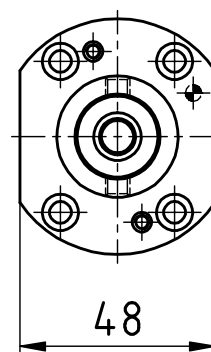
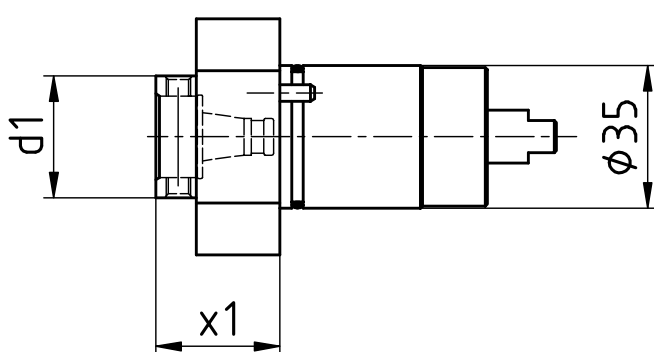
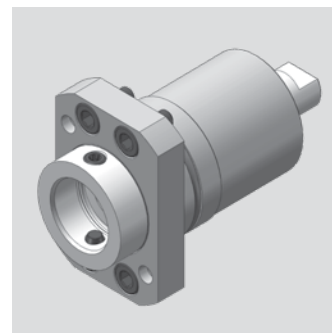
Tornos - Gamma

Axial Bohr- und Fräskopf

Axial drilling and milling head

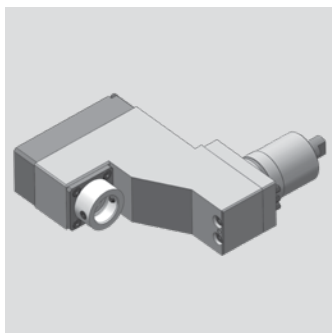
Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	Spindle Broche Spindel	[Nm] T max	[rpm] n max		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar] p	Order no. N° de Code Bestellnummer
d1	x1			i					
30	30,5	WFB 20-12	10	8.000	1:1				MPU.Z35.B20.AA0.GAR

Passend für Maschine: Gamma 20
 suitable machines:
 approprié pour la machine:



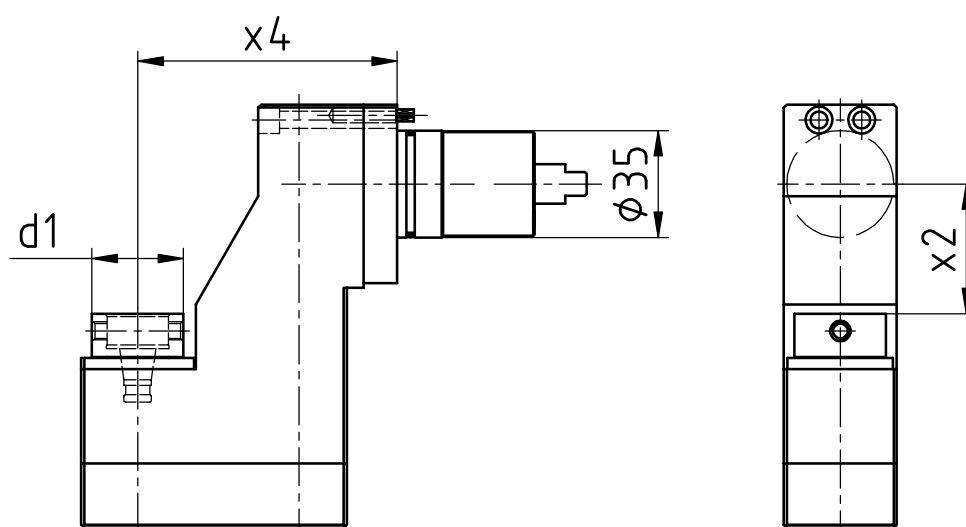
Tornos - Gamma

Radial Bohr- und Fräskopf

Radial drilling and milling head

Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm] T max	[rpm] n max	i	Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar] p	Order no. N° de Code Bestellnummer
d1	x2	x4								
30	42,5	85	WFB 20-12	10	8.000	1:1				MPU.Z35.B20.RA0.GA

Passend für Maschine:

suitable machines:

approprié pour la machine:

Gamma 20

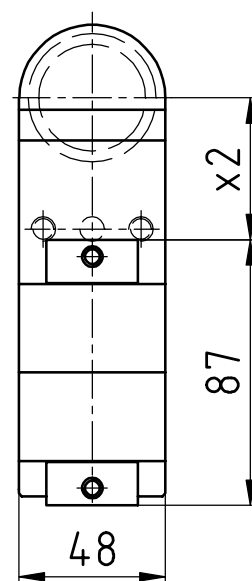
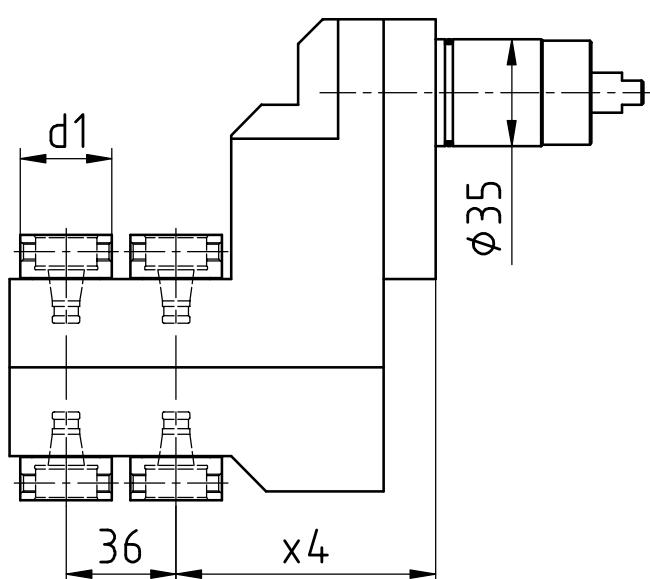
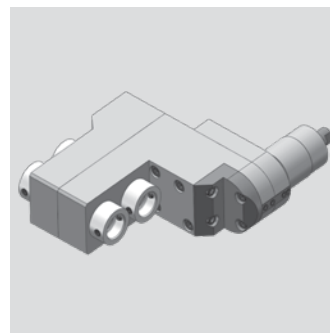
Tornos - Gamma

Radial Bohr- und Fräskopf

Radial drilling and milling head

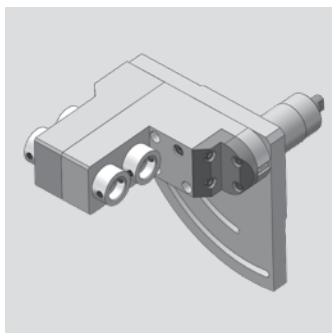
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x4		T max	n max	i			p	
30	46,5	85	WFB 20-12	3	8.000	1:1				MPU.Z35.B20.4A0.GA

Passend für Maschine: Gamma 20
suitable machines:
approprié pour la machine:



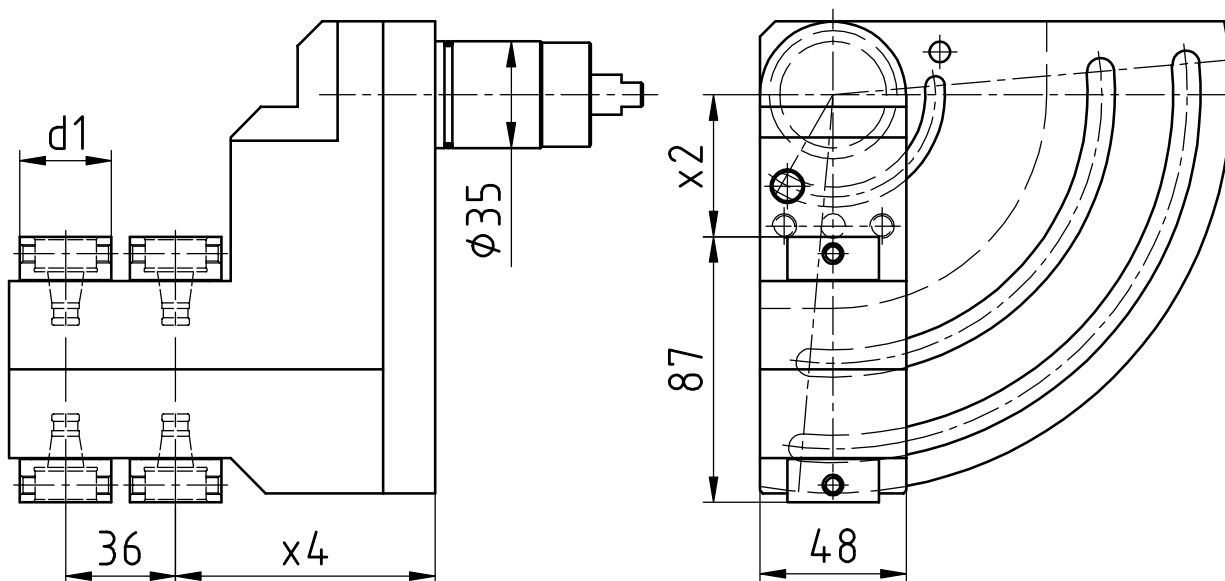
Tornos - Gamma

Radial Bohr- und Fräskopf

Radial drilling and milling head

Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]	Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x4		T max	n max	i		p	
30	46,5	85	WFB 20-12	3	8.000	1:1			MPU.Z35.B20.4S0.GA

Passend für Maschine:
suitable machines:
approprié pour la machine:

Gamma 20

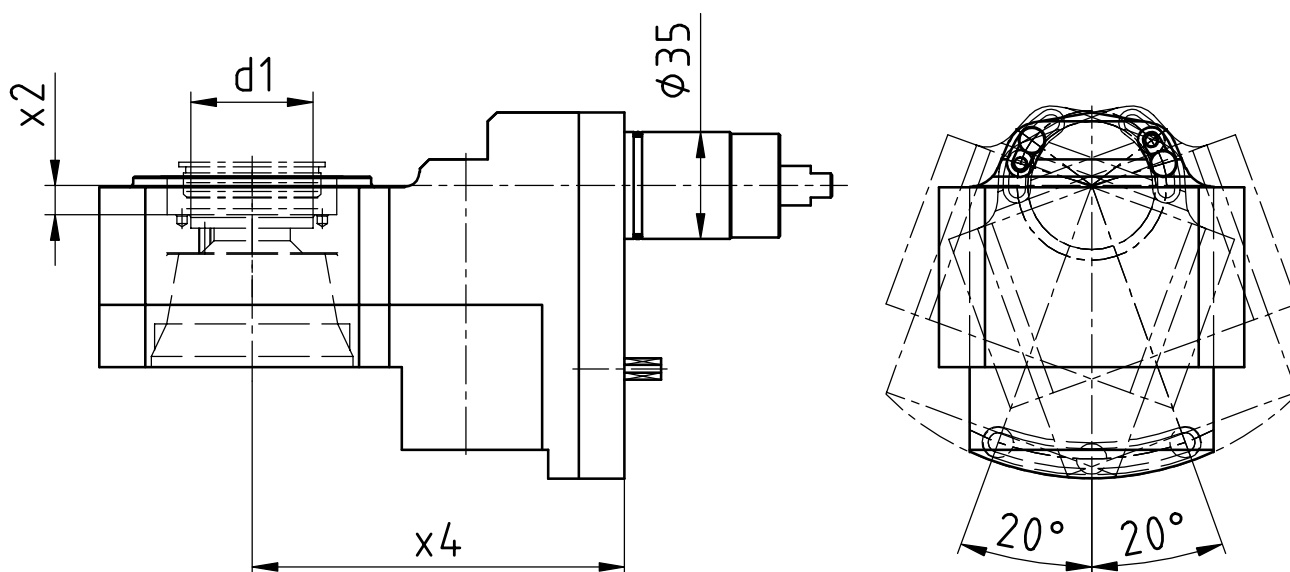
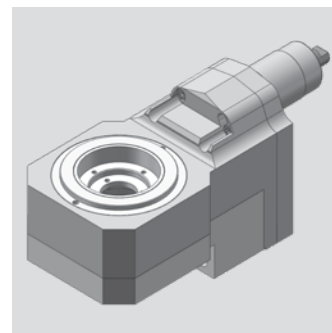
Tornos - Gamma

Gewindewirbelapparat

Thread whirling unit

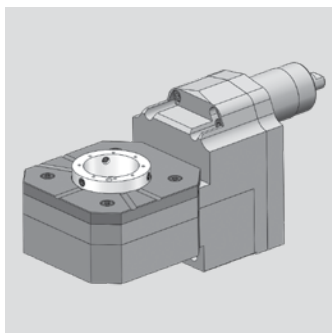
Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x4		T max	n max	i			p	
40	9,5	122	MONO	16	6.932	1,154:1 x				MPU.Z35.0800.GA

Passend für Maschine: Gamma 20
 suitable machines:
 approprié pour la machine:



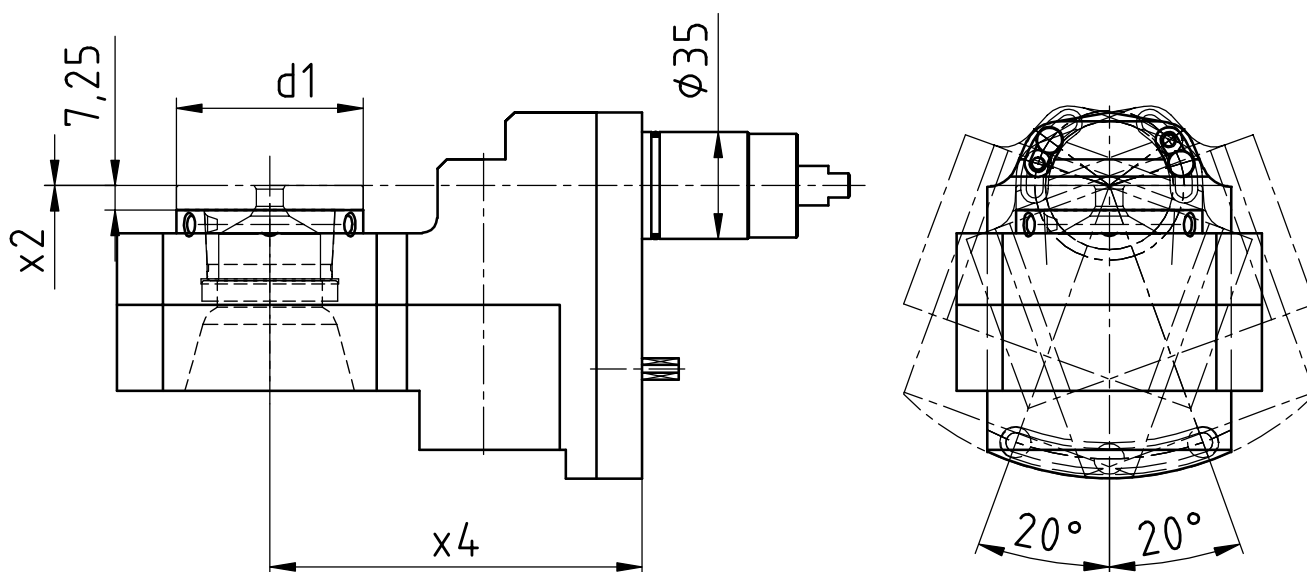
Tornos - Gamma

Gewindewirbelapparat modular

Thread whirling unit

Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x4		T max	n max	i			p	
54	0	122	WFW 50	16	6.932	1,154:1 x				MPU.Z35.M0800.GA

Passend für Maschine:

Gamma 20

suitable machines:

approprié pour la machine:

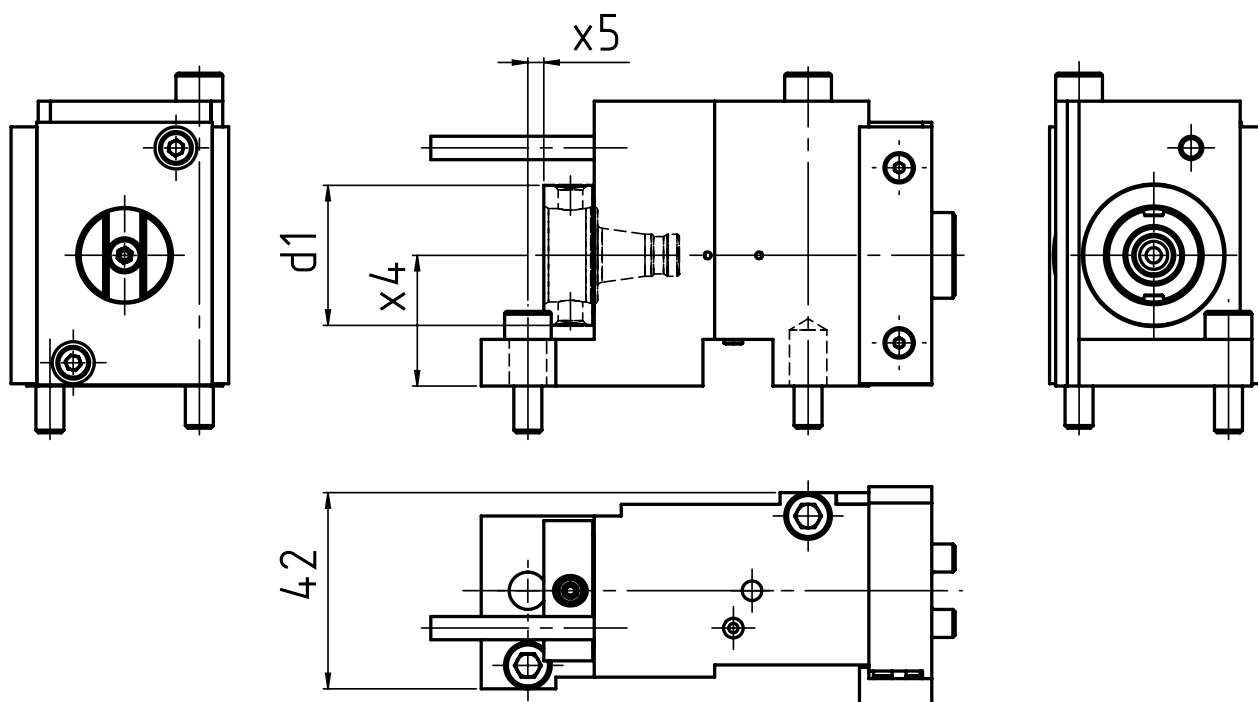
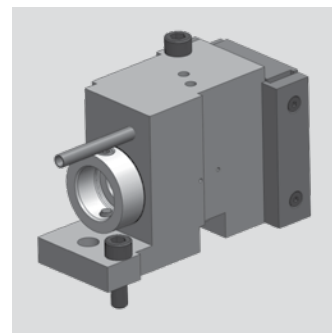
Tornos - Swiss Baureihen

Axial Bohr- und Fräskopf

Axial drilling and milling head

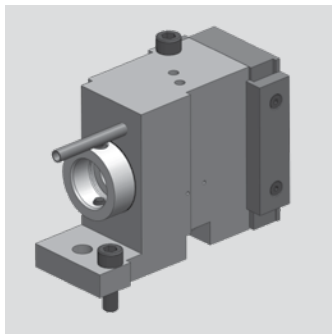
Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5		T max	n max	i			p	
30	28	3,5	WFB 20-12	10	6.000	1:1	x			MPU.TO.B20.H28.DGST
30	28	3,5	WFB 20-12	10	6.000	1:1	x	x	120	MPU.TO.B20.H28.DGST.IK

Passend für Maschine:	DT 13	GT 26	ST 26
suitable machines:	DT 26	GT 32	
approprié pour la machine:	GT 13	GT 32B	



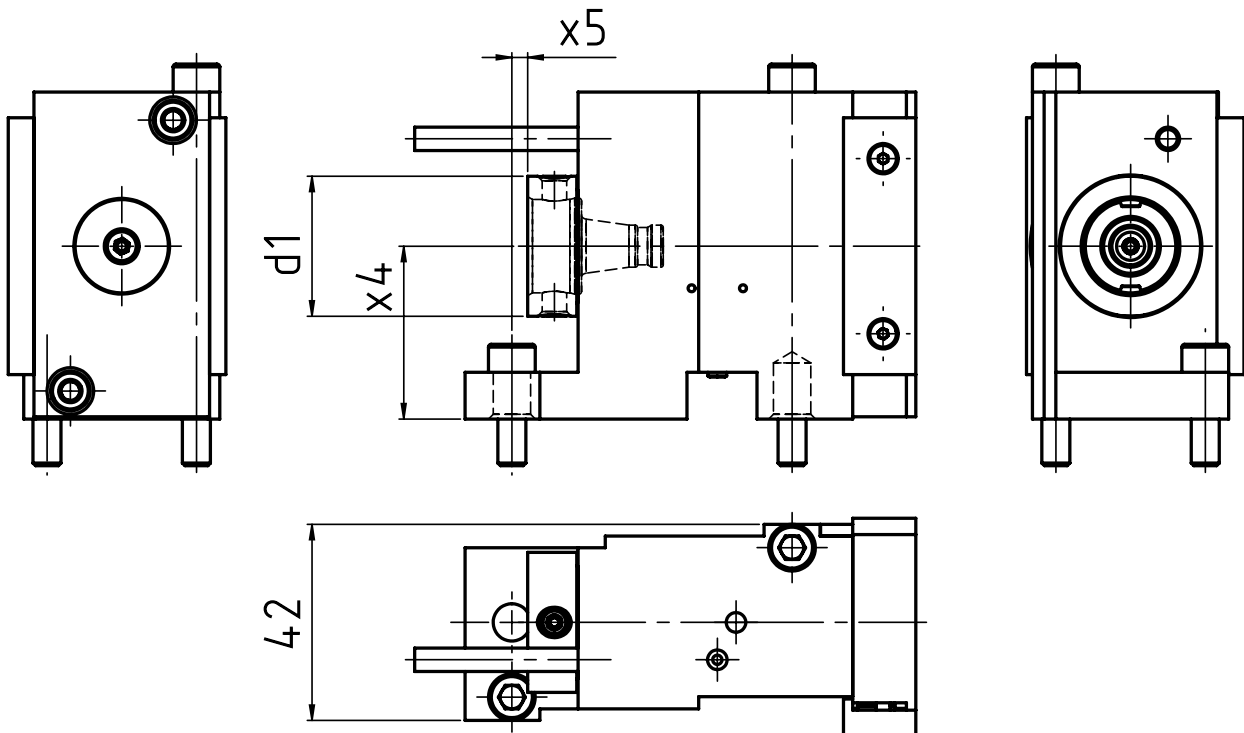
Tornos - Swiss Baureihen

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5		T max	n max	i			p	
30	37	3,4	WFB 20-12	10	6.000	1:1	x			MPU.TO.B20.H37.DGST
30	37	3,4	WFB 20-12	10	6.000	1:1	x	x	120	MPU.TO.B20.H37.DGST.IK

Passend für Maschine:	DT 26	GT 32
suitable machines:	GT 13	GT 32B
approprié pour la machine:	GT 26	ST 26

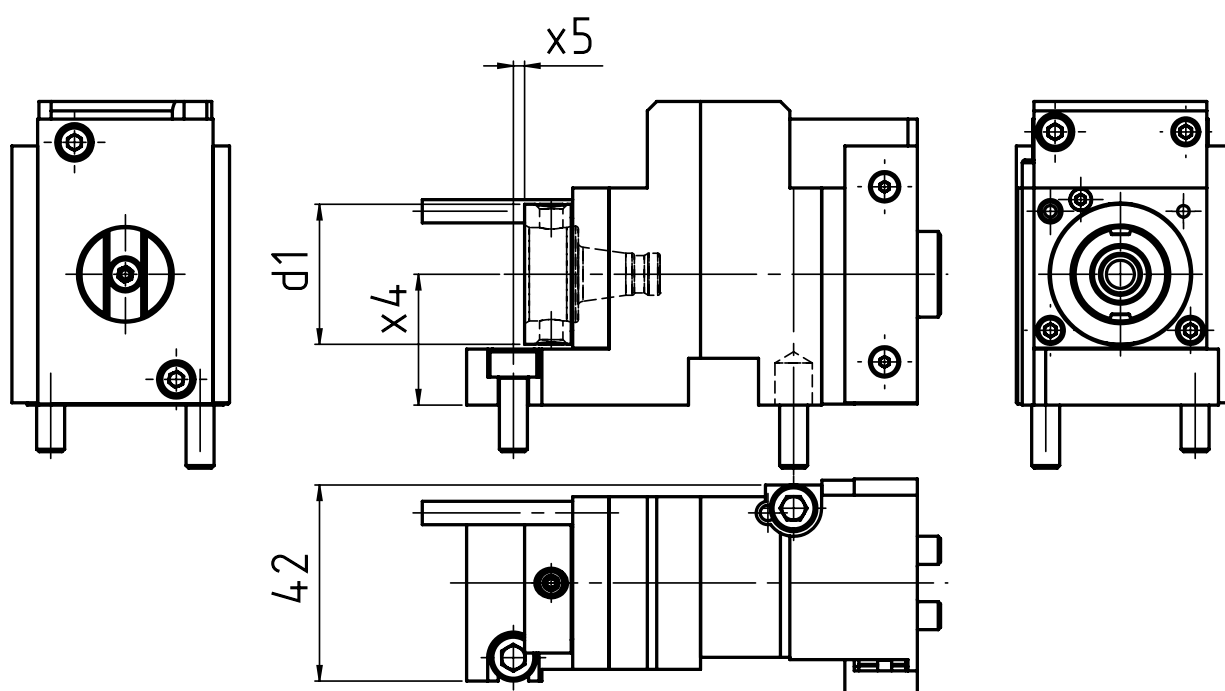
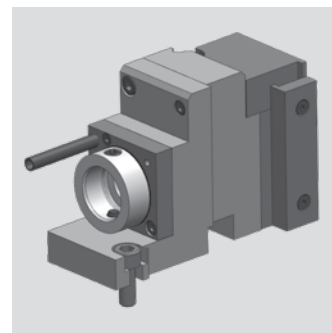
Tornos - Swiss Baureihen

Axial Bohr- und Fräskopf

Axial drilling and milling head

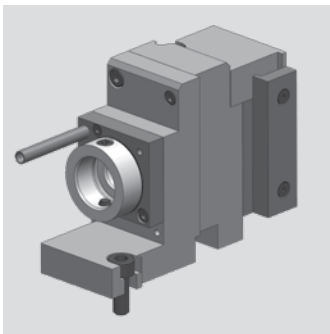
Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5		T max	n max	i			p	
30	28	2,4	WFB 20-12	3	18.000	1:3	x			MPU.TO.B20.S28.DGST

Passend für Maschine:	DT 13	GT 26	ST 26
suitable machines:	DT 26	GT 32	
approprié pour la machine:	GT 13	GT 32B	



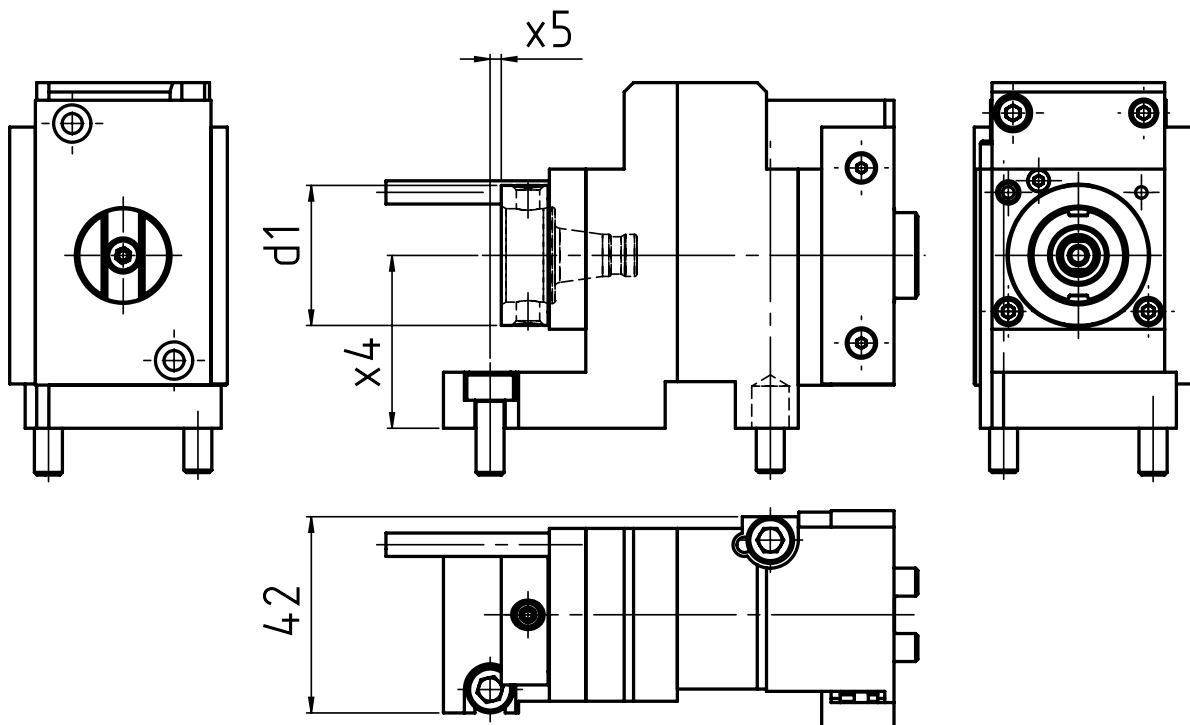
Tornos - Swiss Baureihen

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5		T max	n max	i			p	
30	37	2,4	WFB 20-12	3 Nm	18.000	1:3	x			MPU.TO.B20.S37.DGST

Passend für Maschine:	DT 26	GT 32
suitable machines:	GT 13	ST 26
approprié pour la machine:	GT 26	

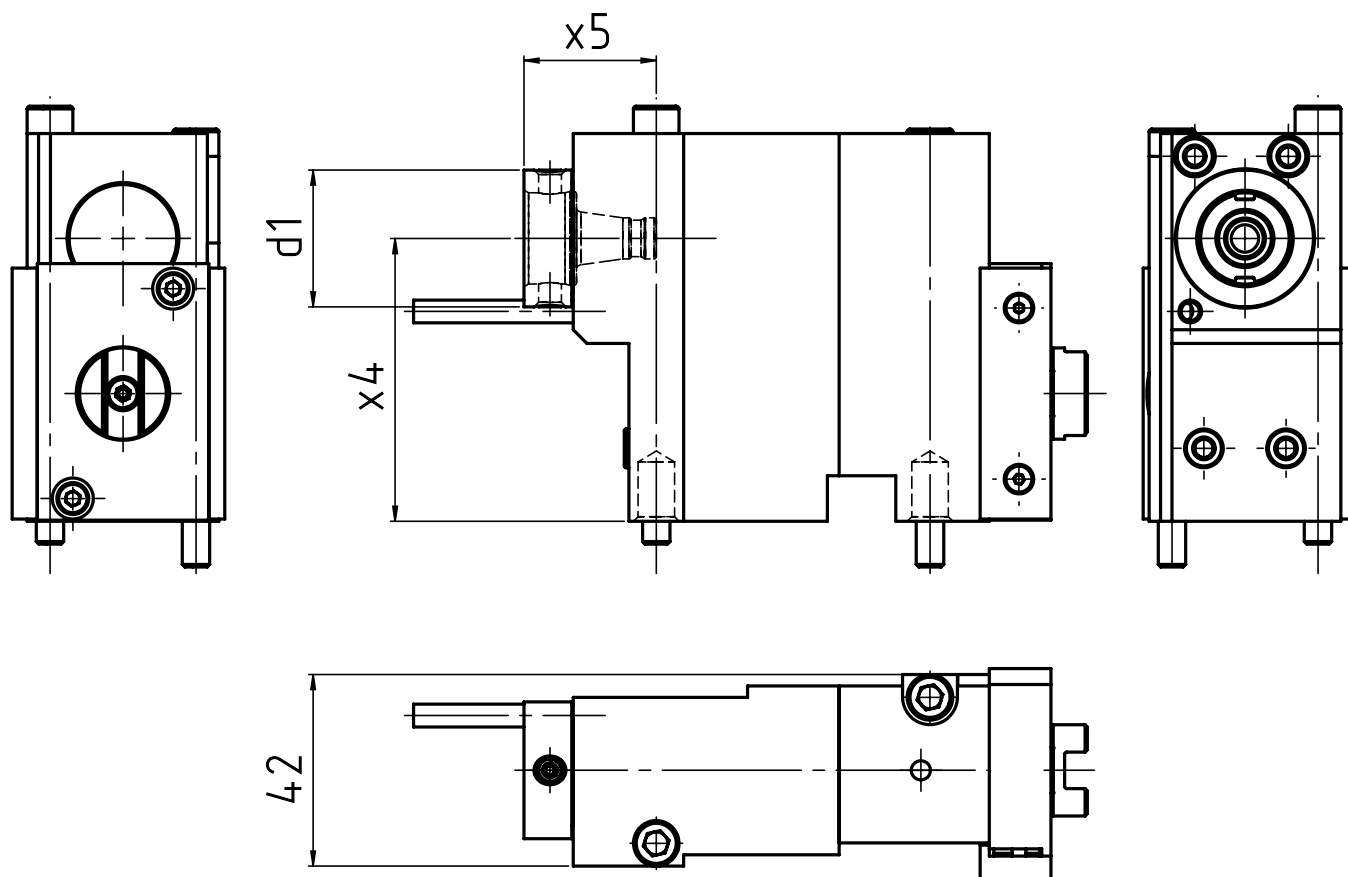
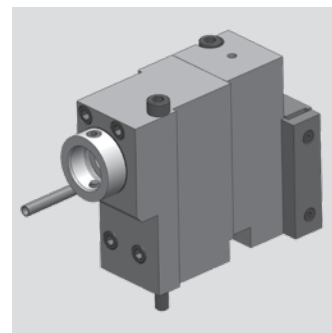
Tornos - Swiss Baureihen

Axial Bohr- und Fräskopf

Axial drilling and milling head

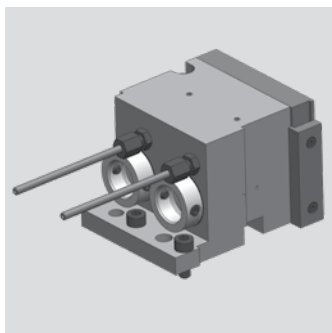
Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5		T max	n max	i			p	
30	62	29	WFB 20-12	20	3.000	2:1	x			MPU.TO.B20.H62.DGST

Passend für Maschine:	DT 26	GT 32
suitable machines:	GT 13	ST 26
approprié pour la machine:	GT 26	



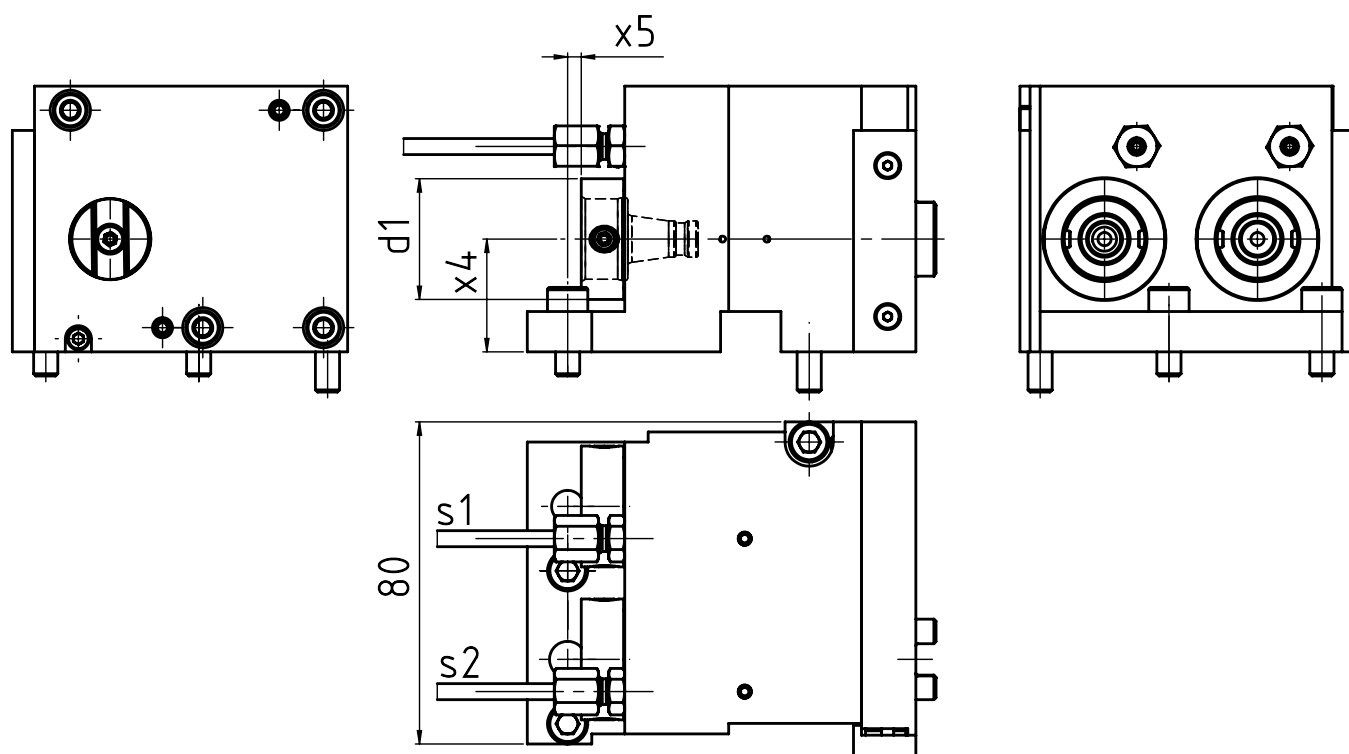
Tornos - Swiss Baureihen

Axial Bohr- und Fräskopf

Axial drilling and milling head

Outil de perçage et de fraisage axiale

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x4	x5		T max	n max	i			p	
30	28	3,4	WFB 20-12	10*	6.000*	1:1*	x	x	120	MPU.TO.B20.ME0.DGST

Passend für Maschine:	DT 13	GT 26	ST 26
suitable machines:	DT 26	GT 32	
approprié pour la machine:	GT 13	GT 32B	

* S1: 10 Nm/6.000 rpm/i=1:1
S2: 3 Nm/18.000 rpm/i=1:3

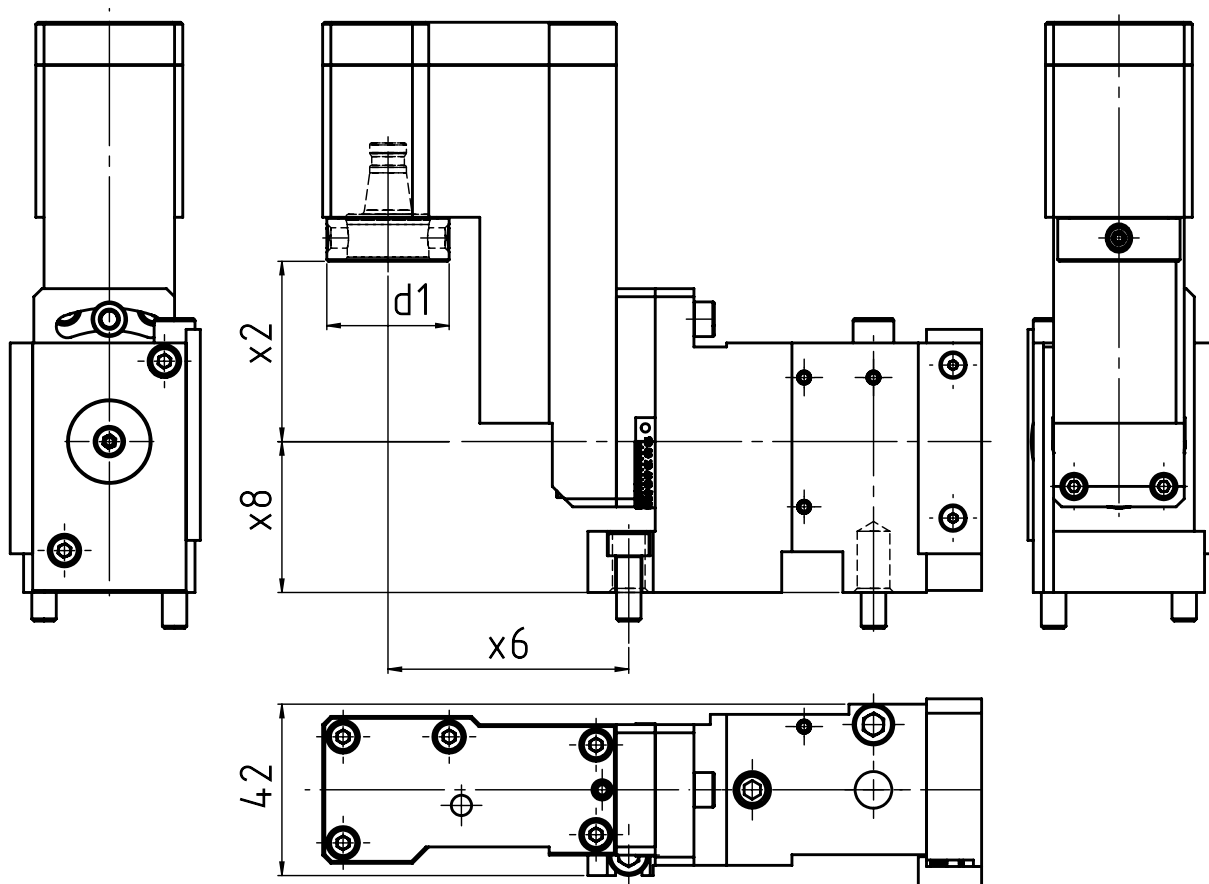
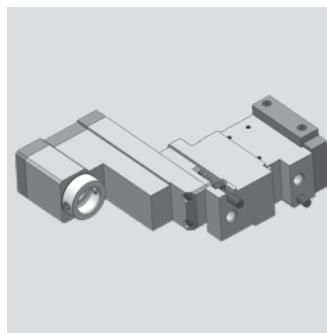
Tornos - Swiss Baureihen

Radial Bohr- und Fräskopf

Radial drilling and milling head

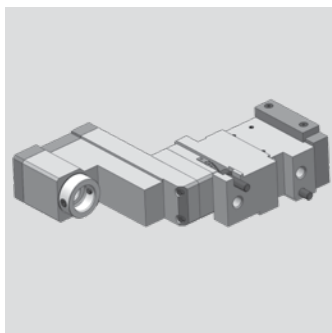
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i			p	
30	44,2	59	37	WFB 20-12	3	6.000	1:1				MPU.TO.B20.S200.DGST
30	44,2	59	37	WFB 20-12	3	6.000	1:1		x	120	MPU.TO.B20.S200.DGSTIK

Passend für Maschine:	DT 26	GT 32
suitable machines:	GT 13	ST 26
approprié pour la machine:	GT 26	



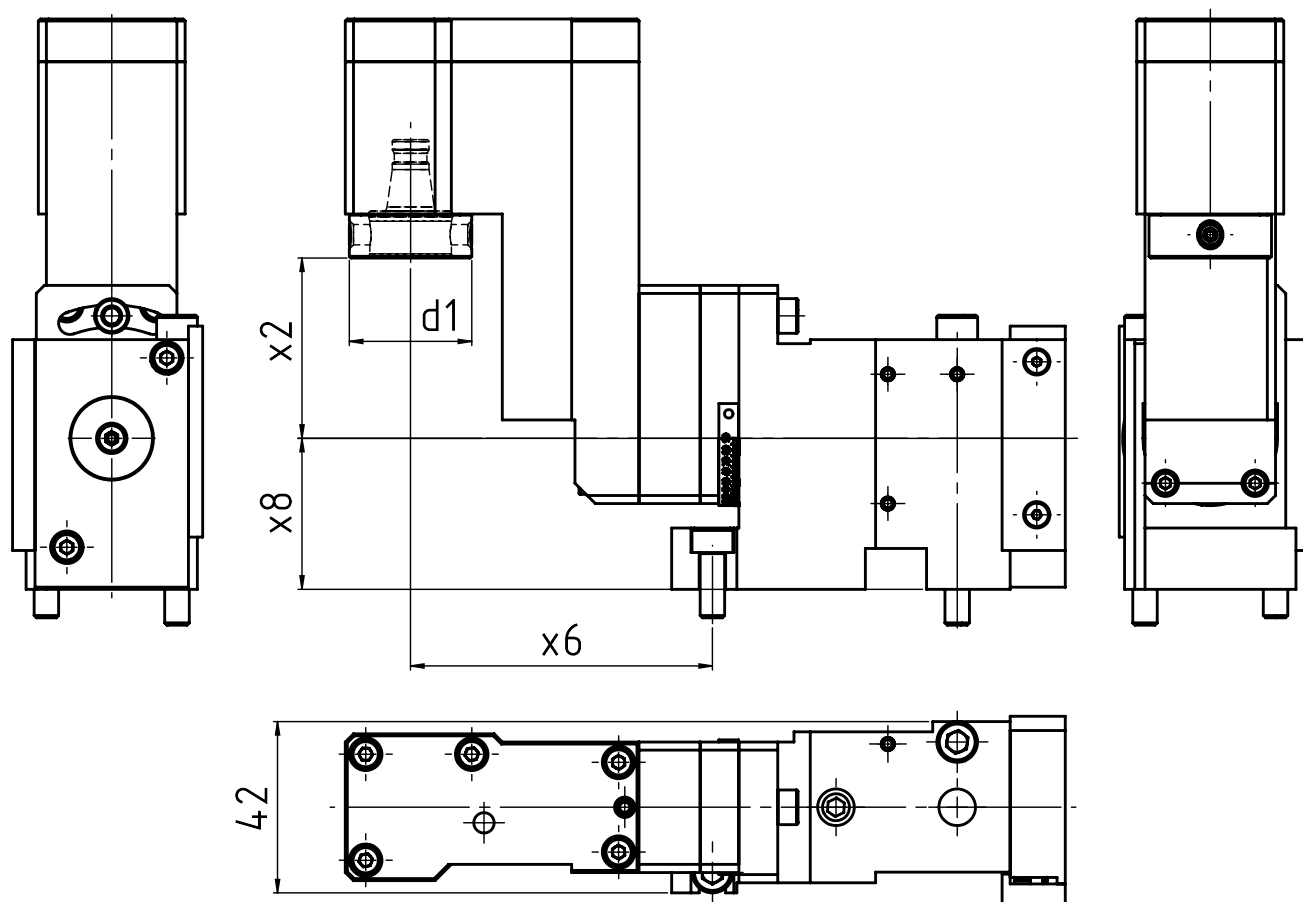
Tornos - Swiss Baureihen

Radial Bohr- und Fräskopf

Radial drilling and milling head

Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i			p	
30	44,2	74	37	WFB 20-12	3	6.000	1:1				MPU.TO.B20.S210.DGST

Passend für Maschine:	DT 26	GT 32
suitable machines:	GT 13	ST 26
approprié pour la machine:	GT 26	

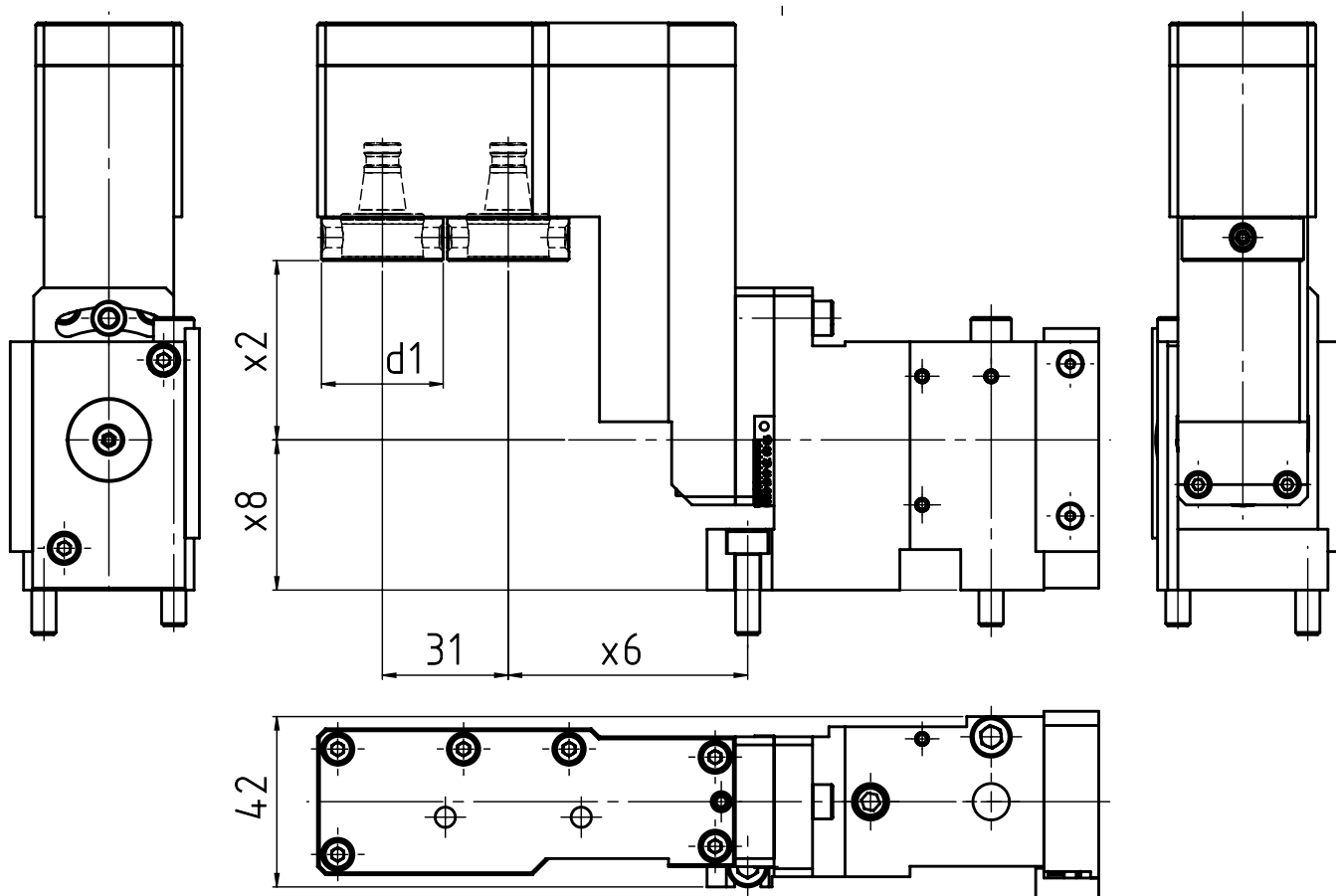
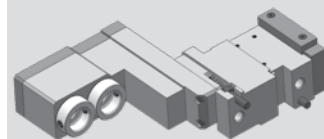
Tornos - Swiss Baureihen

Radial Bohr- und Fräskopf

Radial drilling and milling head

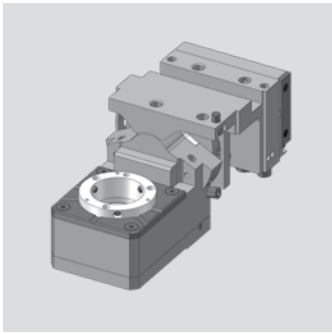
Outil de perçage et de fraisage radiale

WG 35



[mm]	[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext.	Internal cooling Lubrificat. cent.	[bar]	Order no. N° de Code Bestellnummer
d1	x2	x6	x8		T max	n max	i	Aussenkühlung	Innenkühlung	p	
30	44,2	49	37	WFB 20-12	3	6.000	1:1				MPU.TO.B20.2M0S200DGST

Passend für Maschine:	DT 26	GT 32
suitable machines:	GT 13	ST 26
approprié pour la machine:	GT 26	



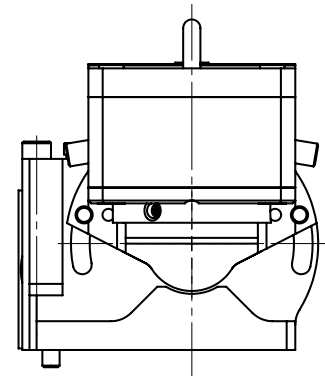
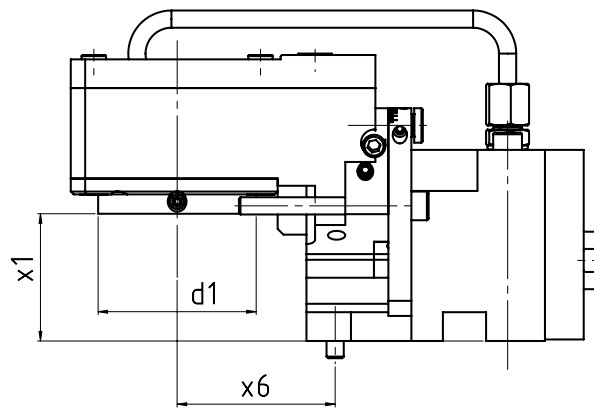
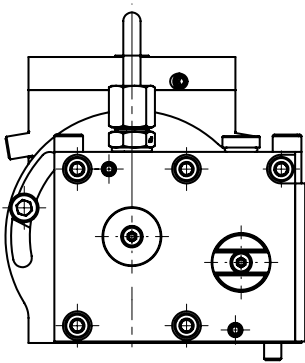
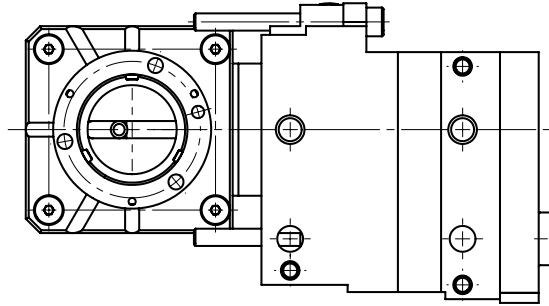
Tornos - Swiss Baureihen

Gewindewirbelapparat modular

Thread whirling unit

Unité de tourbillonnement

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6		T max	n max	i			p	
55	44,25	55	WFW 50	16	3.593	1,67:1 x				MPU.TO.M0800.DGST

Passend für Maschine:	DT 26	GT 32
suitable machines:	GT 13	ST 26
approprié pour la machine:	GT 26	

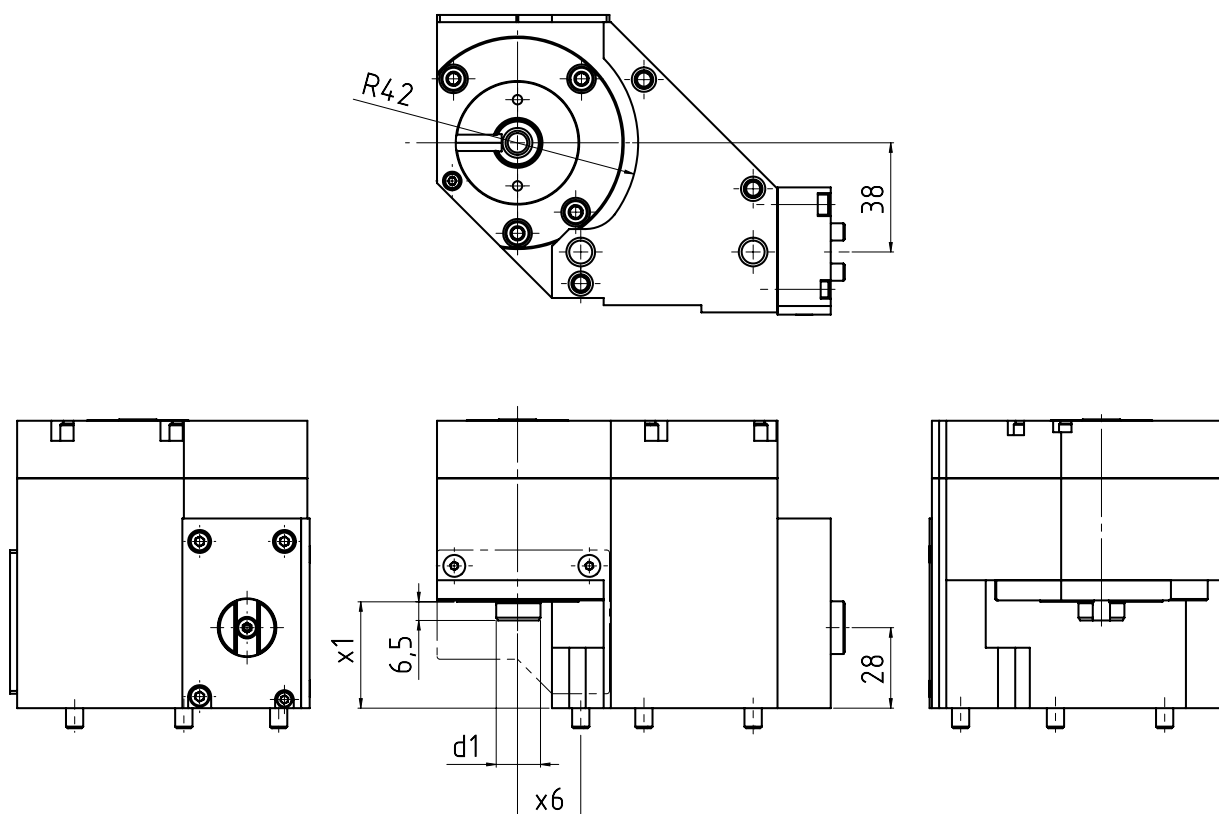
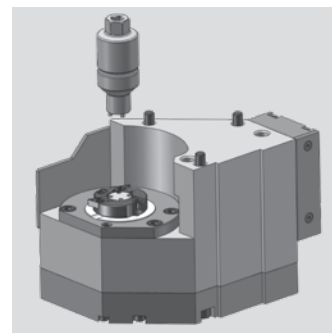
Tornos - Swiss Baureihen

Radial-Bohr- und Fräskopf (Mehrkantschlagen)

radial drilling and milling head (polyhedral beat)

Outil Rotatif Radial de Pertage et de Fraisage (battement polyedrique)

WG 35



[mm]	[mm]	[mm]	Spindle Broche Spindel	[Nm]	[rpm]		Outside cooling Lubrificat. ext. Aussenkühlung	Internal cooling Lubrificat. cent. Innenkühlung	[bar]	Order no. N° de Code Bestellnummer
d1	x1	x6		T max	n max	i			p	
30	37	22		16	3.750	1,6:1				MPU.TO.0900.DGST

Passend für Maschine:	DT 26	GT 32
suitable machines:	GT 13	ST 26
approprié pour la machine:	GT 26	