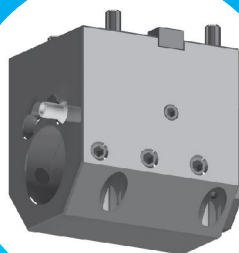
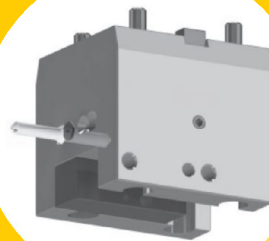
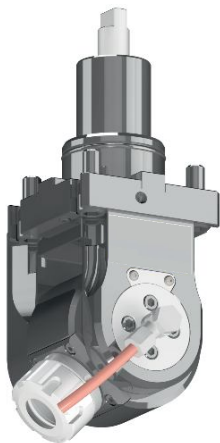
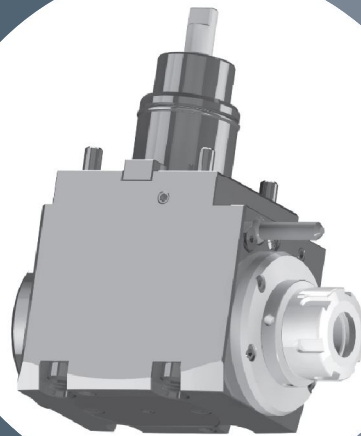


EuroDrive

Made In Europe

Live Tools Product Catalogue





EuroDrive provides its customers high quality Driven Tools and Static Tools for CNC lathes and Machining Centres. We offer a complete range of Driven Tool Holders for all major machines including Haas, Doosan, Okuma, Mazak, Mori Seiki, Jyoti, BFW and LMW.

EuroDrive delivers products that meet the highest standards of Performance, Quality and Service. All our products are manufactured in Europe in a modern and state of the art production facility to the highest quality standards of ISO 9001.

EuroDrive develops and produces products to meet our customers high technical requirements and specifications. Our team of highly trained & skilled technicians and application engineers collaborate with our customers to develop unique solutions.

EuroDrive produces Tool Holders for CNC lathes with axial, radial and adjustable style for BMT, VDI and BOT Turrets. Static Tools are offered for Turning, Boring, Face Grooving, Cut Off and Bar Pulling operations.

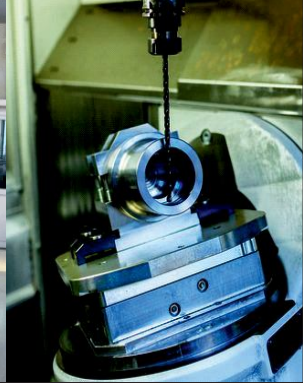
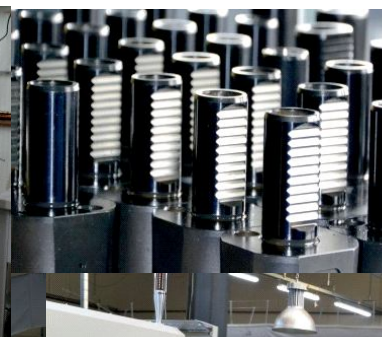
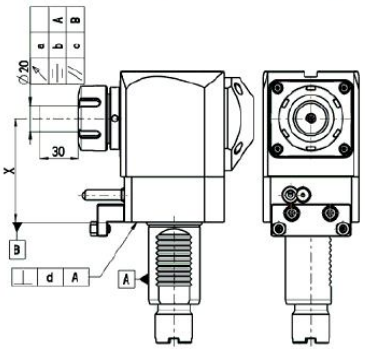
EuroDrive heads can be serviced or sent in for periodic maintenance to any one of our Authorized Service Centres located in the markets we serve.



Management System
ISO 9001:2015



	PART NAME :	RGT140251321180UD	April 17, 2019	12:13
	REV NUMBER :	SER NUMBER :	9002	STATS COUNT : 1



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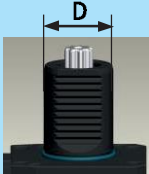















Operating instructions

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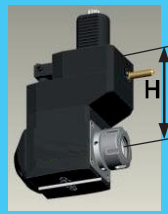
Maintenance Data Sheet

90

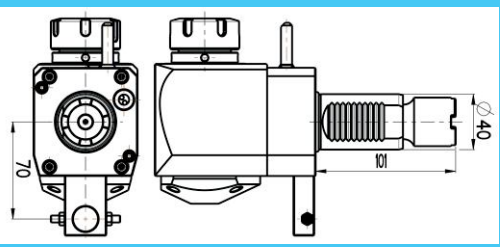
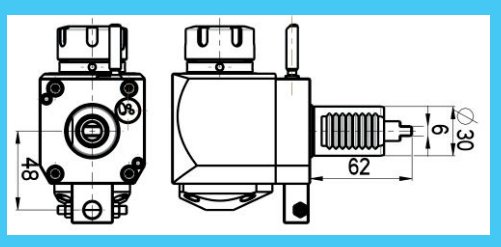
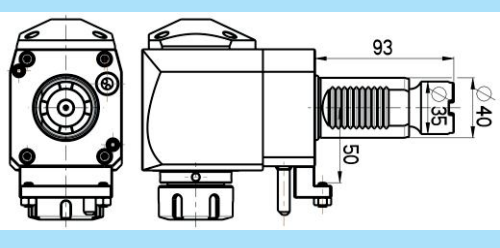
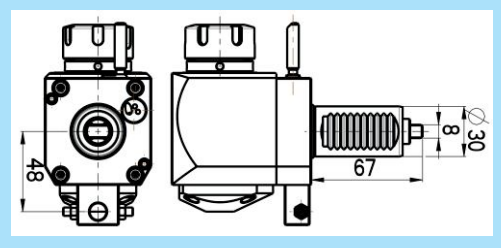
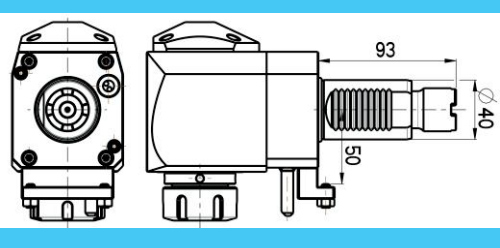
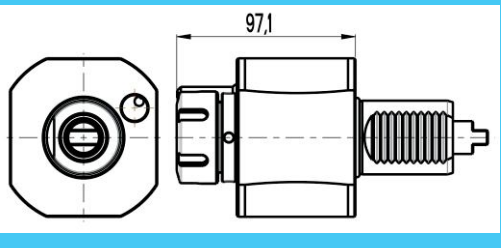
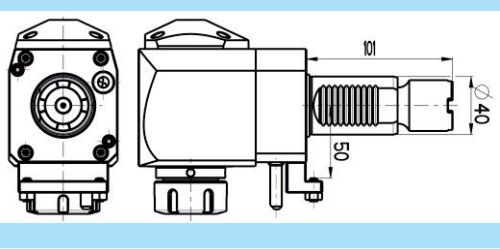
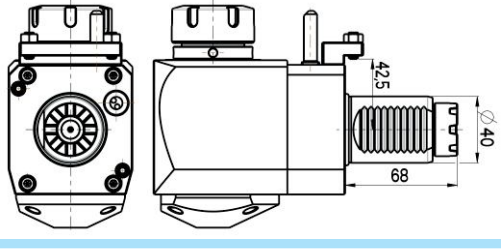
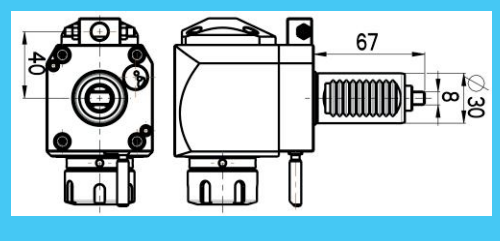
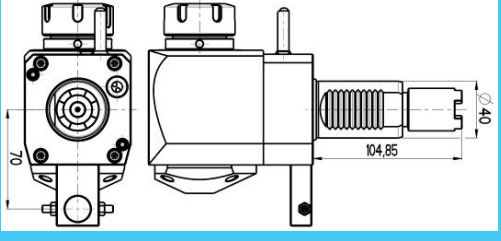
LIVE TOOLHOLDER SYMBOLIZATION

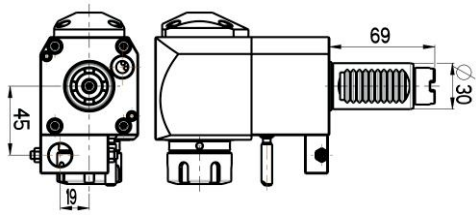
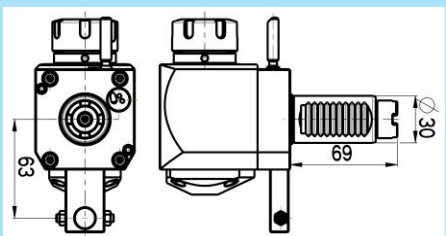
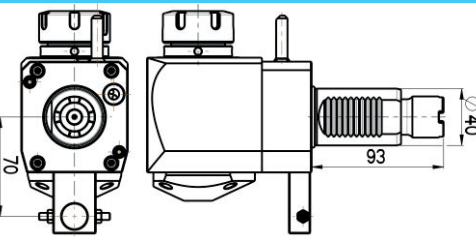
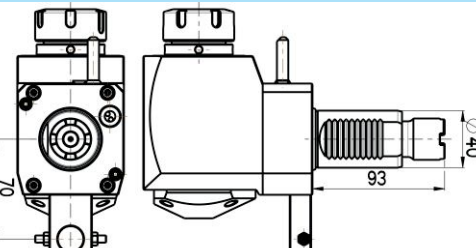
EDL	TURRET DATA		PRODUCT TYPE	COUPLING TYPE	TOOL GRIP	
	TYPE	D(mm)			TYPE	DIMENSION
	1	40	2	5	1	32
	1 - VDI 		1 - STRAIGHT 	1 - DIN 5482 	1 - COLLET 	SIZE COLLET 16/25/32/40
	2 - BMT 		2 - ANGULAR 	2 - DIN 1809 	2 - WELDON 	WELDON upon request
			3 - OFFSET STRAIGHT 	3 - DIN 5480 	3 - SHELL MILL ARBOR 	SHELL MILL ARBOR upon request
			4 - OFFSET ANGULAR 	4 - TOEM 		
			5 - VARIABLE ANGLE 	5 - STEPPED 		

Example: EDL1- 40/251-32/2.2-80A

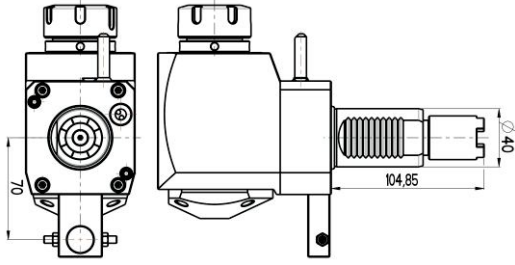
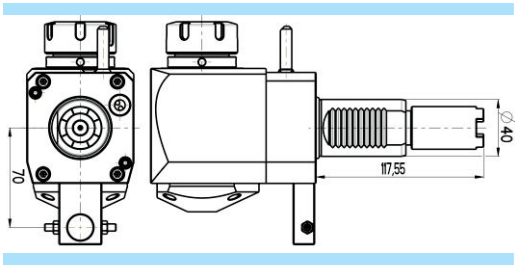
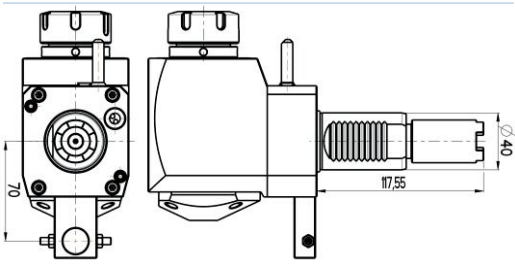
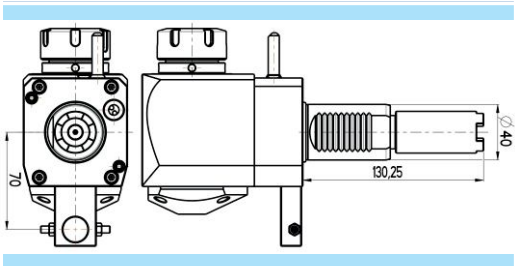
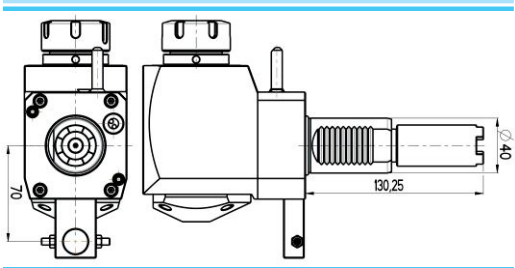
INTERNAL COOLING	ONLY FOR ANGULAR OFFSET STRAIGHT OFFSET ANGULAR		DETAILS CODE
	DIRECTION	H (mm)	
2	2	80	A
1 - NO 2 - YES (max 20 bar)	1 - RIGHT 		See details code table
	2 - LEFT 		Please check the pages no. 3-4
	3 - RIGHT&LEFT 		

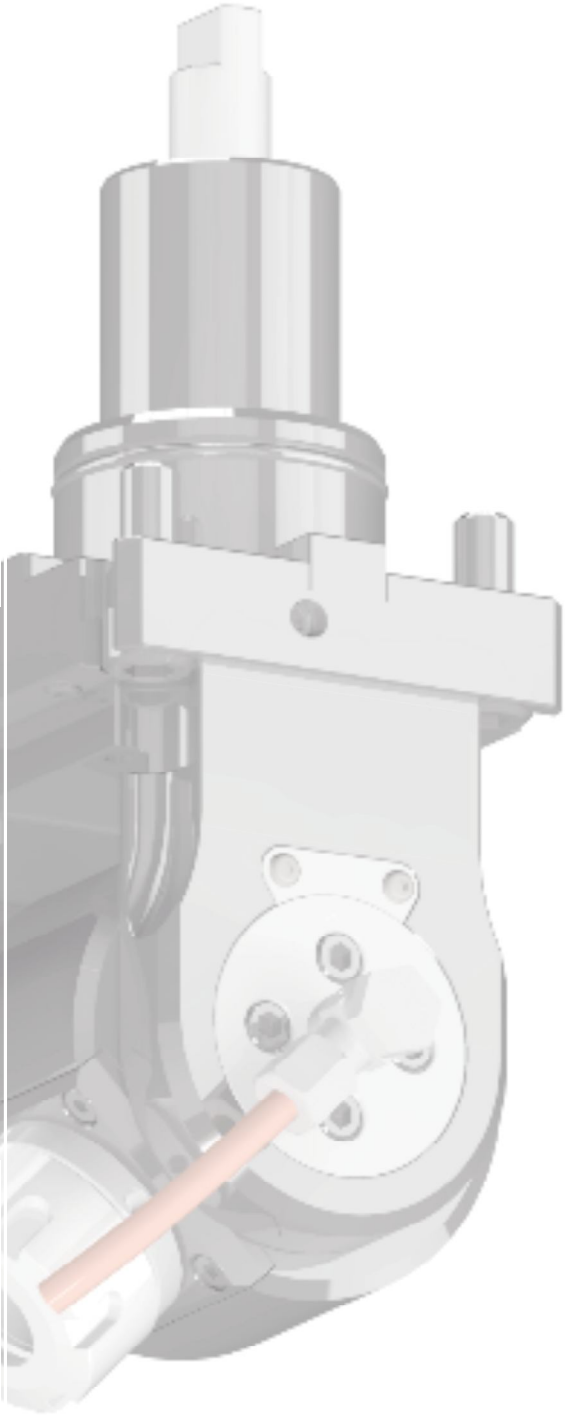


Details code		Technical details		Details code		Technical details	
JB	VDI40 OKUMA			C	VDI30 DIN1809		
JC	VDI40 OKUMA			D	VDI30 DIN1809		
JD	VDI40 OKUMA			S	VDI40 (short)		
JE	VDI40 OKUMA			D	VDI40 TOEM		
B	VDI30 DIN1809			A	VDI40 HAAS		

Details code		Technical details	
(1:2)	Ratio 1:2	$n_1=6000\text{r/min (in)}$ $n_2=12000\text{r/min (out)}$	
(2:1)	Ratio 2:1	$n_2=6000\text{r/min (in)}$ $n_1=3000\text{r/min (out)}$	
JA	VDI30 OKUMA		
JB	VDI30 OKUMA		
JA	VDI40 OKUMA		
JAS	VDI40 OKUMA same direction (in-out)		

Details code	Technical details		Details code	Technical details	
(JA) BMT60 OKUMA			(DO) BMT65 DOOSAN		
(JB) BMT60 OKUMA			(NT) BMT44 NAKAMURA -TOME		
(MS) BMT60 MORI-SEIKI			(NT) BMT55 NAKAMURA TOME		
(DO) BMT45 DOOSAN			(NT) BMT65 NAKAMURA -TOME		
(DO) BMT55 DOOSAN					

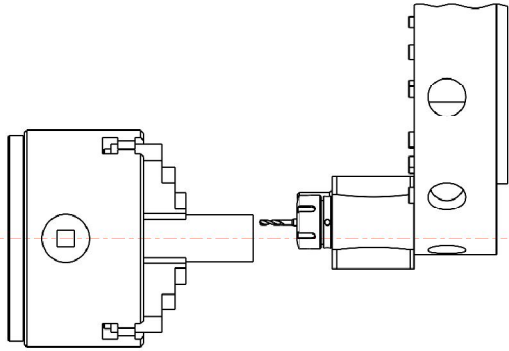
Details code	Technical details	
AS	VDI40 HAAS same direction (in-out)	
B	VDI40 HAAS	
BS	VDI40 HAAS same direction (in-out)	
C	VDI40 HAAS	
CS	VDI40 HAAS same direction (in-out)	



DIN 5482 Operations with VDI Disk-type turret

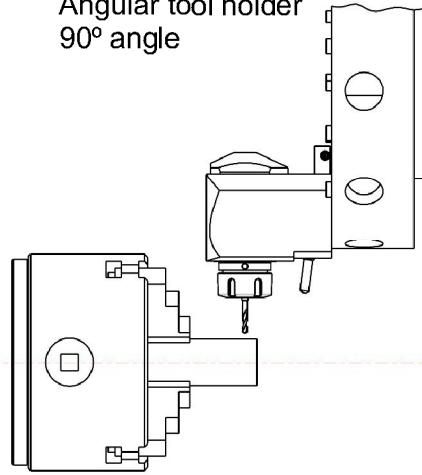
Axial operation

Straight tool holder

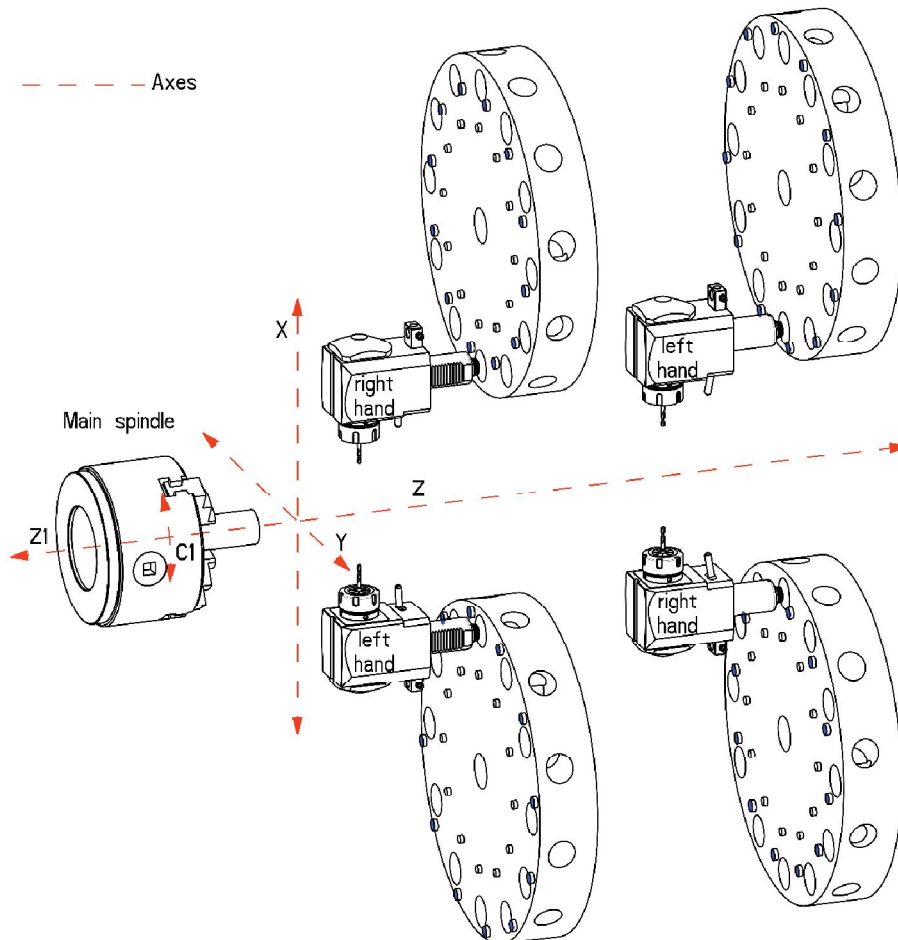


Radial operation

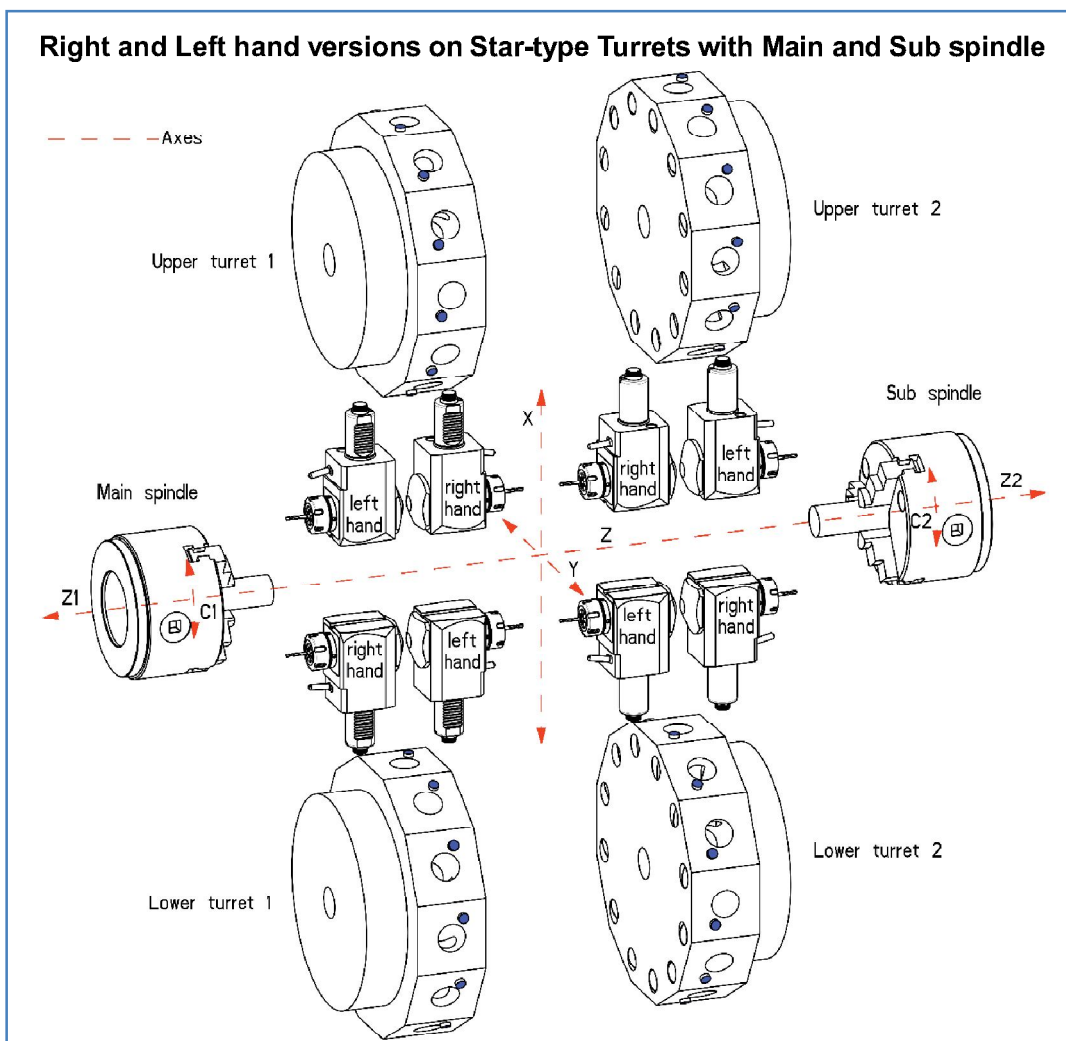
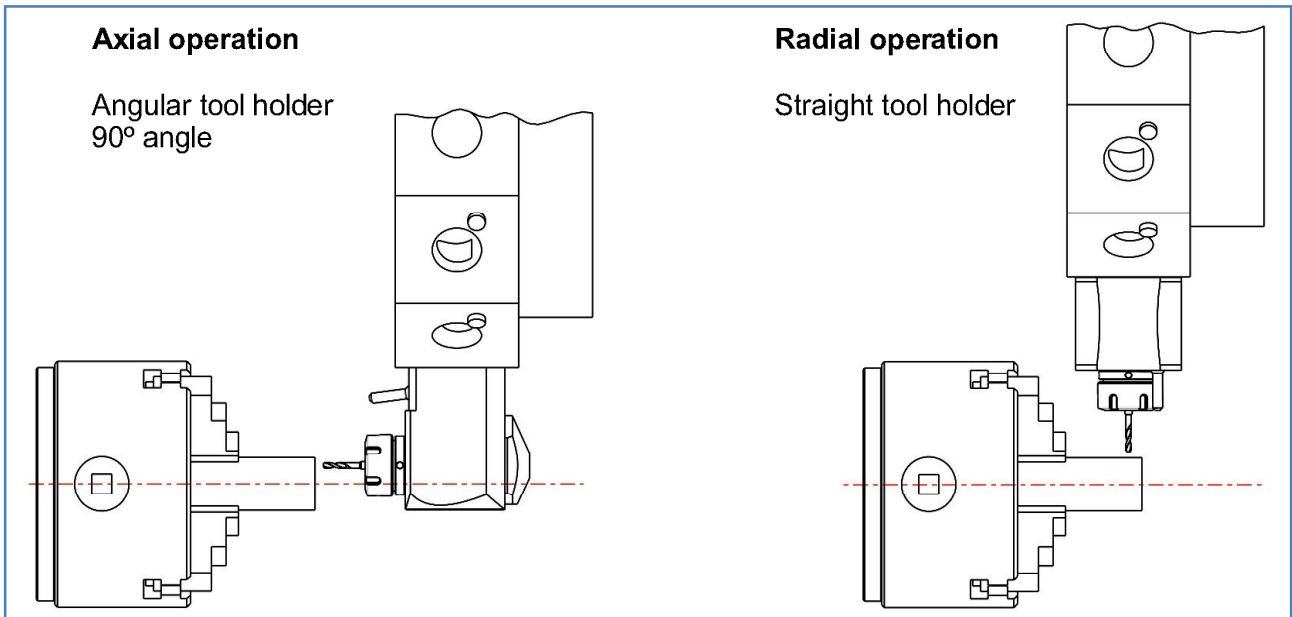
Angular tool holder
90° angle

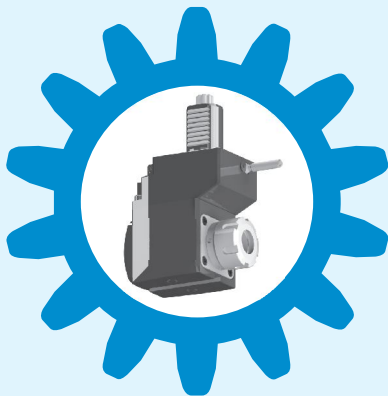
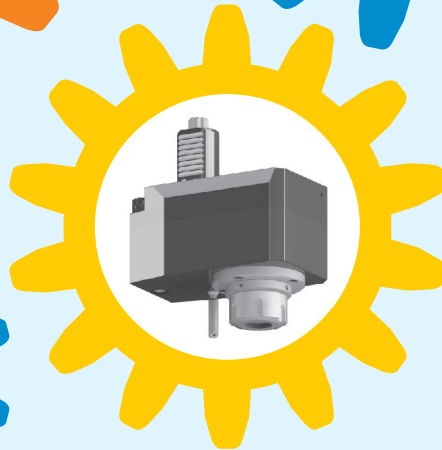
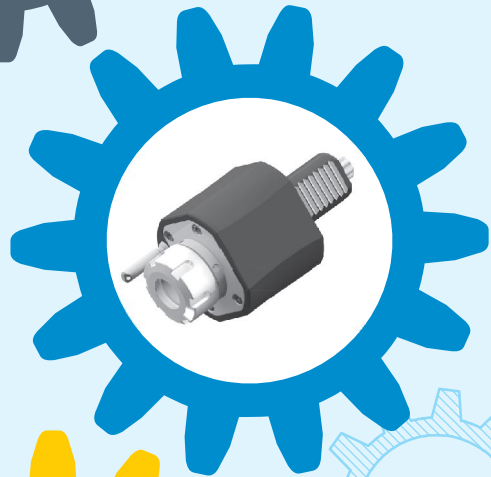
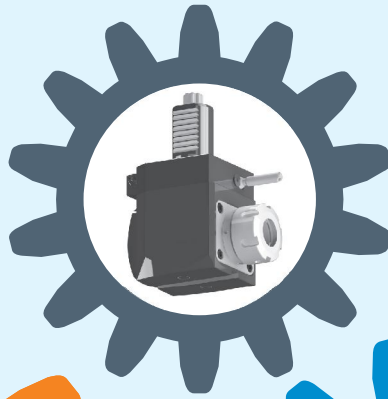


Right and Left hand versions on Disk-type Turrets



DIN 5480 Operations with VDI Star-type turret

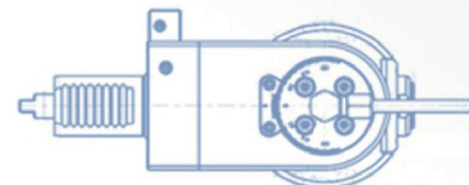
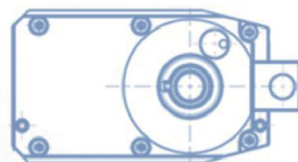
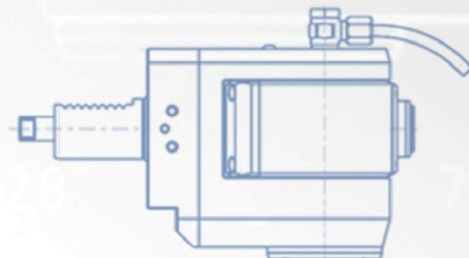
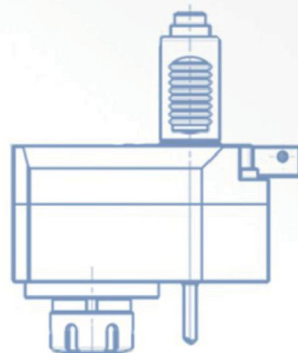
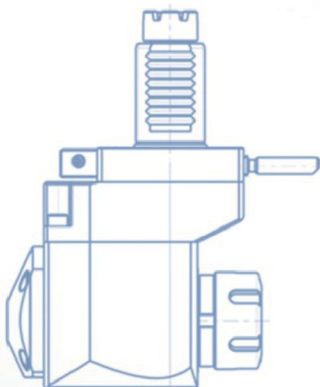
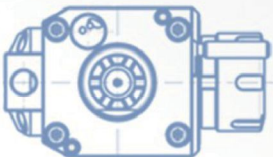
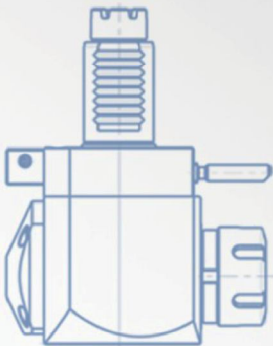




VDI TURRET TOOLHOLDERS

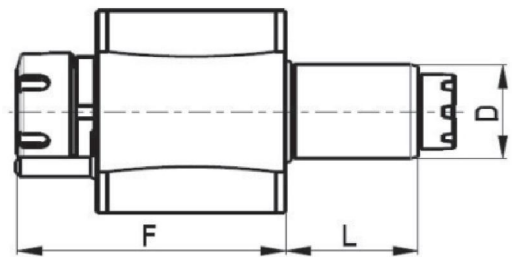
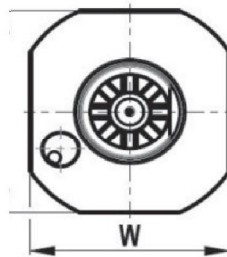
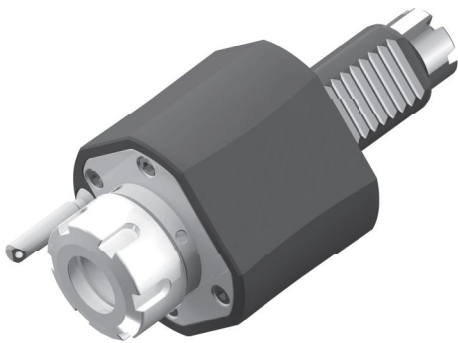
Suitable for:

AKIRA SEIKI
BARUFFALDI / TOEM
Biglia
Boehringer
DOOSAN
DUPLOMATIC DIN 1809
EMCO
Gildemeister/ DMG MORI
HAAS
Hardinge
HURCO
Hwacheon
Hyundai WIA
INDEX
Jyoti
Mazak
Monforts
Mori Seiki
NILES
OKUMA
SAUTER DIN 5480
SAUTER DIN 5482
Schaublin
Spinner
Traub
WFL



BARUFFALDI / TOEM TURRET

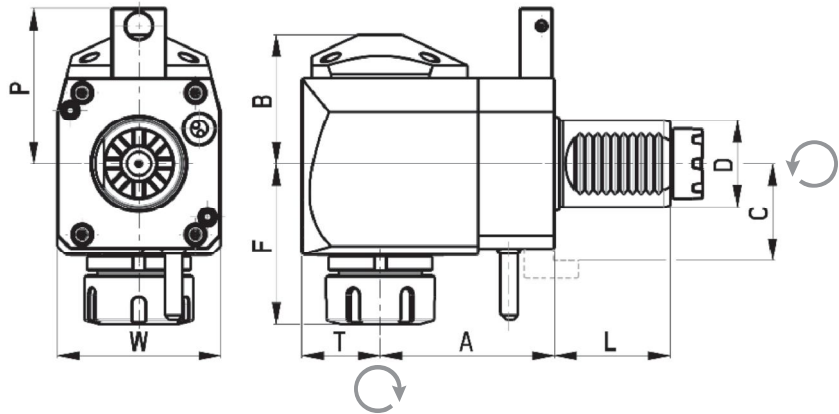
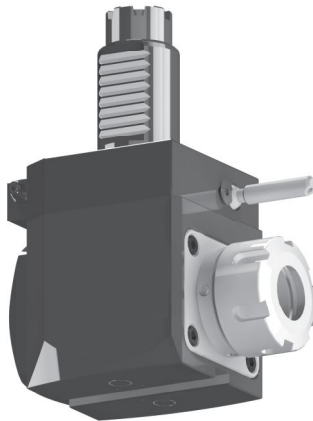
Straight drilling and milling head



Code	D	Tool grip	IC	F	L	W	W1	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
EDL1-30/141-25/1	30	ER25	no	89	45	64	68	28	6000	1:1	-
EDL1-30/141-25/2	30	ER25	yes	89	45	64	68	28	6000	1:1	20
EDL1-40/141-25/1	40	ER25	no	105	53	80	86	50	6000	1:1	-
EDL1-40/141-25/2	40	ER25	yes	105	53	80	86	50	6000	1:1	20
EDL1-40/141-32/1	40	ER32	no	108	53	80	86	50	6000	1:1	-
EDL1-40/141-32/2	40	ER32	yes	108	53	80	86	50	6000	1:1	20

BARUFFALDI / TOEM TURRET

Angular drilling and milling head

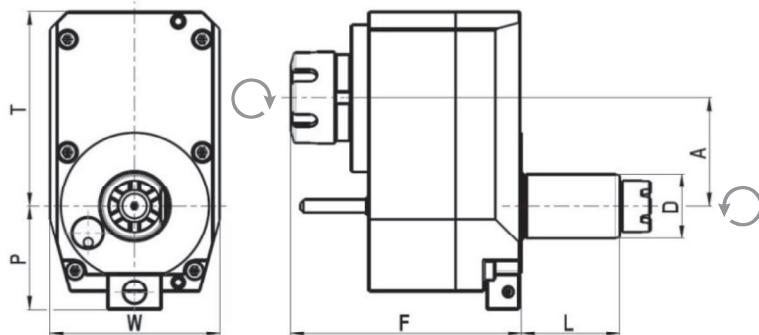
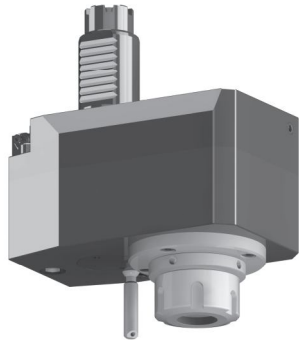


Code	D	Tool grip	IC	Direction	A	B	F	L	P	C	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
EDL1-30/241-25/1.1-55	30	ER25	no	right	55	48	64	45	48	-	29	64	28	6000	1:1	-
EDL1-30/241-25/2.1-55	30	ER25	yes	right	55	51	64	45	48	-	29	64	28	6000	1:1	20
EDL1-30/241-25/1.1-85	30	ER25	no	right	85	48	64	45	48	-	29	64	28	6000	1:1	-
EDL1-30/241-25/2.1-85	30	ER25	yes	right	85	51	64	45	48	-	29	64	28	6000	1:1	20
EDL1-30/241-25/1.2-55	30	ER25	no	left	55	48	64	45	48	-	29	64	28	6000	1:1	-
EDL1-30/241-25/2.2-55	30	ER25	yes	left	55	51	64	45	48	-	29	64	28	6000	1:1	20
EDL1-30/241-25/1.2-85	30	ER25	no	left	85	48	64	45	48	-	29	64	28	6000	1:1	-
EDL1-30/241-25/2.2-85	30	ER25	yes	left	85	51	64	45	48	-	29	64	28	6000	1:1	20
EDL1-40/241-25/1.1-80	40	ER25	no	right	80	59	70	53	71	-	36	75	50	6000	1:1	-
EDL1-40/241-25/2.1-80	40	ER25	yes	right	80	62	70	53	71	-	36	75	50	6000	1:1	20
EDL1-40/241-32/1.1-80	40	ER32	no	right	80	59	74	53	71	-	36	75	50	6000	1:1	-
EDL1-40/241-32/2.1-80	40	ER32	yes	right	80	62	74	53	71	-	36	75	50	6000	1:1	20
EDL1-40/241-25/1.2-80	40	ER25	no	left	80	59	70	53	71	-	36	75	50	6000	1:1	-
EDL1-40/241-25/2.2-80	40	ER25	yes	left	80	62	70	53	71	-	36	75	50	6000	1:1	20
EDL1-40/241-32/1.2-80	40	ER32	no	left	80	59	74	53	71	-	36	75	50	6000	1:1	-
EDL1-40/241-32/2.2-80	40	ER32	yes	left	80	62	74	53	71	-	36	75	50	6000	1:1	20
EDL1-40/241-25/1.2-80D	40	ER25	no	left	80	59	70	53	-	42,5	36	75	50	6000	1:1	-
EDL1-40/241-25/2.2-80D	40	ER25	yes	left	80	62	70	53	-	42,5	36	75	50	6000	1:1	20
EDL1-40/241-32/1.2-80D	40	ER32	no	left	80	59	74	53	-	42,5	36	75	50	6000	1:1	-
EDL1-40/241-32/2.2-80D	40	ER32	yes	left	80	62	74	53	-	42,5	36	75	50	6000	1:1	20

BARUFFALDI / TOEM TURRET

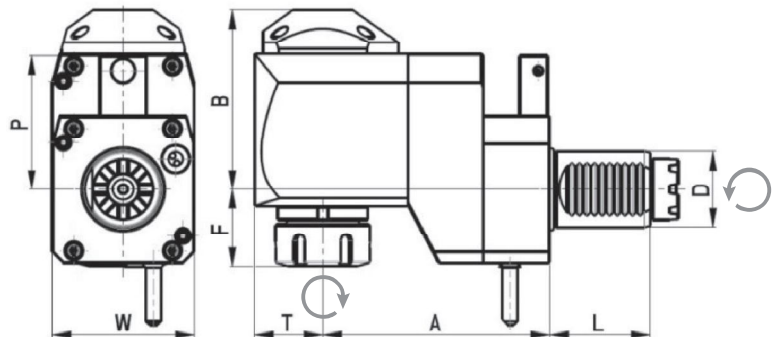
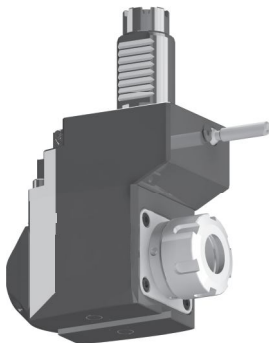


Offset straight drilling and milling head



Code	D	Tool grip	Internal Cooling	Direction	A	F	L	P	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
EDL1-30/341-25/1.1-50(1:2)	30	ER25	no	right	50	106	45	48	90	78	14	12000	1:2	-
EDL1-30/341-25/1.1-50(2:1)	30	ER25	no	right	50	106	45	48	90	78	40	3000	2:1	-

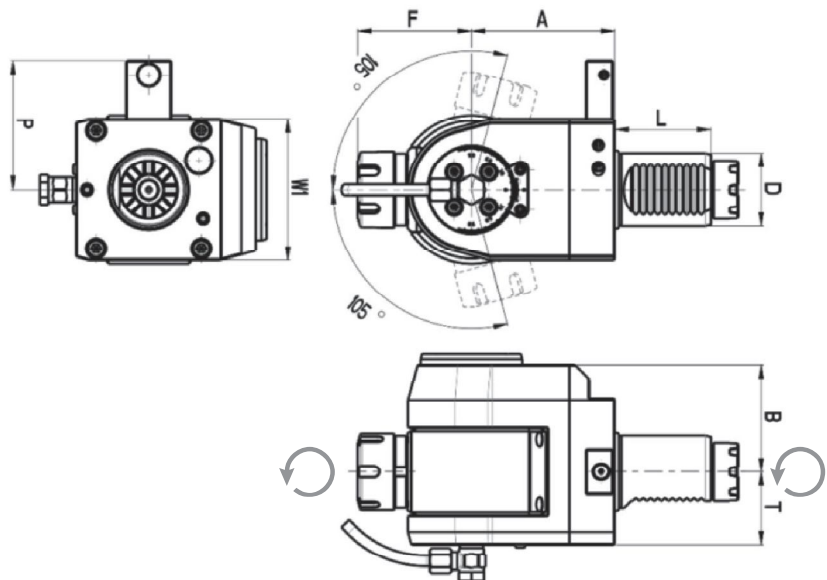
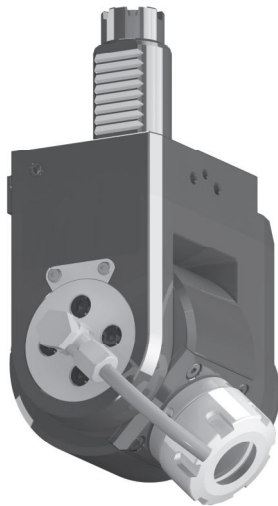
Offset angular drilling and milling head



Code	D	Tool grip	IC	Direction	A	B	F	L	P	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
EDL1-30/441-25/1.1-75	30	ER25	no	right	75	71	40	45	48	29	64	28	6000	1:1	-
EDL1-30/441-25/2.1-75	30	ER25	yes	right	75	74	40	45	48	29	64	28	6000	1:1	20
EDL1-40/441-25/1.1-120	40	ER25	no	right	120	92	37	53	71	36	75	50	6000	1:1	-
EDL1-40/441-25/2.1-120	40	ER25	yes	right	120	95	37	53	71	36	75	50	6000	1:1	20
EDL1-40/441-25/1.2-120	40	ER25	no	left	120	92	37	53	71	36	75	50	6000	1:1	-
EDL1-40/441-25/2.2-120	40	ER25	yes	left	120	95	37	53	71	36	75	50	6000	1:1	20
EDL1-40/441-32/1.1-120	40	ER32	no	right	120	92	41	53	71	36	75	50	6000	1:1	-
EDL1-40/441-32/2.1-120	40	ER32	yes	right	120	95	41	53	71	36	75	50	6000	1:1	20
EDL1-40/441-32/1.2-120	40	ER32	no	left	120	92	41	53	71	36	75	50	6000	1:1	-
EDL1-40/441-32/2.2-120	40	ER32	yes	left	120	95	41	53	71	36	75	50	6000	1:1	20

BARUFFALDI / TOEM TURRET

Variable angle drilling and milling head



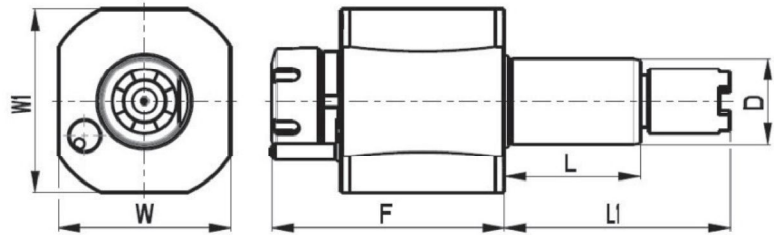
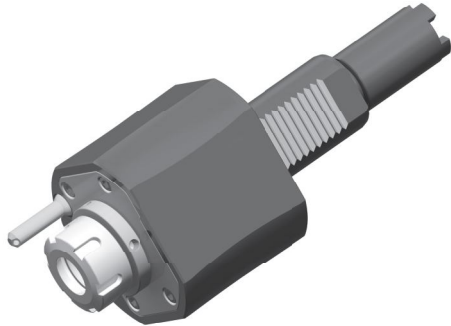
Code	D	Tool grip	IC	Direction	A	B	F	L	P	T	W1	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
EDL1-30/541-16/1	30	ER16	no	right/left	79	59	43	45	48	40	64	16	6000	1:1	-
EDL1-30/541-16/2	30	ER16	yes	right/left	86	59	43	45	48	40	64	16	6000	1:1	20
EDL1-30/541-25/1	30	Er25	no	right/left	79	59	43	45	48	40	64	16	6000	1:1	-
EDL1-30/541-25/2	30	Er25	yes	right/left	86	59	43	45	48	40	64	16	6000	1:1	20
EDL1-40/541-25/1	40	ER25	no	right/left	79	59	64	53	71	40	78	16	6000	1:1	-
EDL1-40/541-25/2	40	ER25	yes	right/left	86	59	64	53	71	40	78	16	6000	1:1	20

* The straight, angular and variable toolholders can be equipped with Weldon shaft or shell-mill shaft upon request.

HAAS TURRET



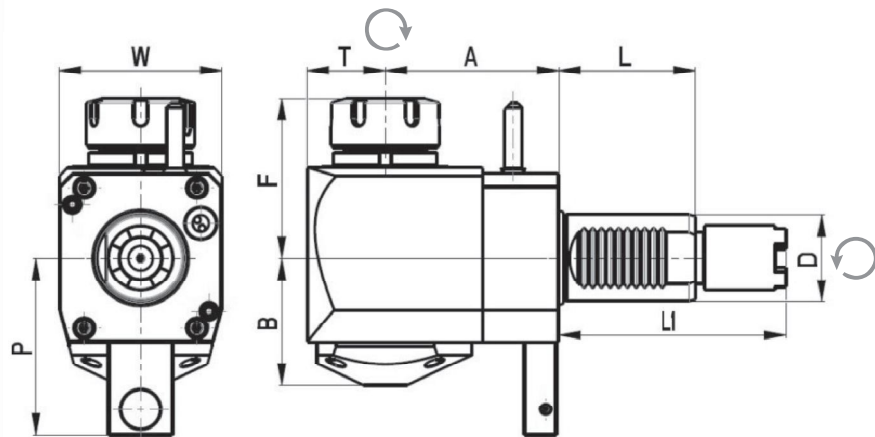
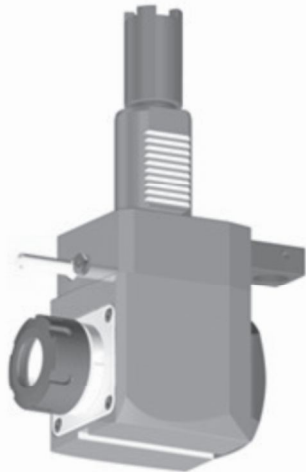
Straight drilling and milling head



Code	D	Tool grip	IC	F	L	L1	W	W1	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
EDL1-40/151-25/1A	40	ER25	no	106	64	104.85	80	86	50	6000	1:1	-
EDL1-40/151-25/2A	40	ER25	yes	106	64	104.85	80	86	50	6000	1:1	20
EDL1-40/151-32/1A	40	ER32	no	109	64	104.85	80	86	50	6000	1:1	-
EDL1-40/151-32/2A	40	ER32	yes	109	64	104.85	80	86	50	6000	1:1	20
EDL1-40/151-25/1B	40	ER25	no	106	64	117.55	80	86	50	6000	1:1	-
EDL1-40/151-25/2B	40	ER25	yes	106	64	117.55	80	86	50	6000	1:1	20
EDL1-40/151-32/1B	40	ER32	no	109	64	117.55	80	86	50	6000	1:1	-
EDL1-40/151-32/2B	40	ER32	yes	109	64	117.55	80	86	50	6000	1:1	20
EDL1-40/151-25/1C	40	ER25	no	106	64	130.25	80	86	50	6000	1:1	-
EDL1-40/151-25/2C	40	ER25	yes	106	64	130.25	80	86	50	6000	1:1	20
EDL1-40/151-32/1C	40	ER32	no	109	64	130.25	80	86	50	6000	1:1	-
EDL1-40/151-32/2C	40	ER32	yes	109	64	130.25	80	86	50	6000	1:1	20

HAAS TURRET

Angular drilling and milling head



Code	D	Tool grip	IC	Direction	A	B	F	L	L1	P	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
EDL1-40/251-25/1.2-80A	40	ER25	no	left	80	59	72	64	104.85	82	36	75	50	6000	1:1	-
EDL1-40/251-25/2.2-80A	40	ER25	yes	left	80	62	72	64	104.85	82	36	75	50	6000	1:1	20
EDL1-40/251-32/1.2-80A	40	ER32	no	left	80	59	75	64	104.85	82	36	75	50	6000	1:1	-
EDL1-40/251-32/2.2-80A	40	ER32	yes	left	80	62	75	64	104.85	82	36	75	50	6000	1:1	20
EDL1-40/251-25/1.2-80B	40	ER25	no	left	80	59	72	64	117.55	82	36	75	50	6000	1:1	-
EDL1-40/251-25/2.2-80B	40	ER25	yes	left	80	62	72	64	117.55	82	36	75	50	6000	1:1	20
EDL1-40/251-32/1.2-80B	40	ER32	no	left	80	59	75	64	117.55	82	36	75	50	6000	1:1	-
EDL1-40/251-32/2.2-80B	40	ER32	yes	left	80	62	75	64	117.55	82	36	75	50	6000	1:1	20
EDL1-40/251-25/1.2-80C	40	ER25	no	left	80	59	72	64	130.25	82	36	75	50	6000	1:1	-
EDL1-40/251-25/2.2-80C	40	ER25	yes	left	80	62	72	64	130.25	82	36	75	50	6000	1:1	20
EDL1-40/251-32/1.2-80C	40	ER32	no	left	80	59	75	64	130.25	82	36	75	50	6000	1:1	-
EDL1-40/251-32/2.2-80C	40	ER32	yes	left	80	62	75	64	130.25	82	36	75	50	6000	1:1	20
EDL1-40/251-25/1.2-69A	40	ER25	no	left	69	59	72	64	104.85	82	36	75	50	6000	1:1	-
EDL1-40/251-25/2.2-69A	40	ER25	yes	left	69	62	72	64	104.85	82	36	75	50	6000	1:1	20
EDL1-40/251-32/1.2-69A	40	ER32	no	left	69	59	75	64	104.85	82	36	75	50	6000	1:1	-
EDL1-40/251-32/2.2-69A	40	ER32	yes	left	69	62	75	64	104.85	82	36	75	50	6000	1:1	20
EDL1-40/251-25/1.2-69B	40	ER25	no	left	69	59	72	64	117.55	82	36	75	50	6000	1:1	-
EDL1-40/251-25/2.2-69B	40	ER25	yes	left	69	62	72	64	117.55	82	36	75	50	6000	1:1	20
EDL1-40/251-32/1.2-69B	40	ER32	no	left	69	59	75	64	117.55	82	36	75	50	6000	1:1	-
EDL1-40/251-32/2.2-69B	40	ER32	yes	left	69	62	75	64	117.55	82	36	75	50	6000	1:1	20
EDL1-40/251-25/1.2-69C	40	ER25	no	left	69	59	72	64	130.25	82	36	75	50	6000	1:1	-
EDL1-40/251-25/2.2-69C	40	ER25	yes	left	69	62	72	64	130.25	82	36	75	50	6000	1:1	20
EDL1-40/251-32/1.2-69C	40	ER32	no	left	69	59	75	64	130.25	82	36	75	50	6000	1:1	-
EDL1-40/251-32/2.2-69C	40	ER32	yes	left	69	62	75	64	130.25	82	36	75	50	6000	1:1	20



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