

NGI
TOOLHOLDERS



PRODUCTS



w. 788-80018. 80



NGT
TOOLHOLDERS



NOVAGRUP
gearing up your business



The Romanian Group of Companies NOVA was established in 1994, as a family owned business located in Cugir, an industrial town with a tradition in steel machining of 200 years.

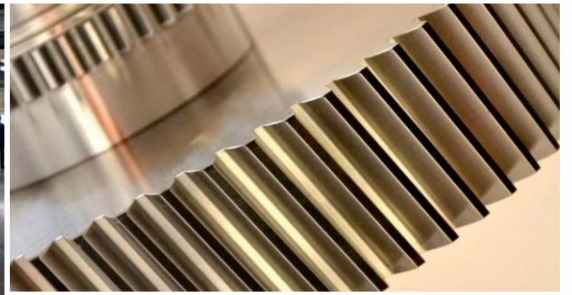
Our core activities have been dedicated over more than 15 years to gears and fine mechanics. The complexity of the products and services provided by Nova has achieved a high level in the last years, due to our increasing interest in creating modern and up-to-date premises, governed by competent management, skilled and trained staff, all linked by ISO 9001 certified processes.

Our interest for continuous improvement was bound by the highly technical customers' requirements; thus, we started to manufacture parts, then subassemblies and assemblies by clients documentation.

In 2008, our strategic objective has been oriented on development of new products, NOVA branded products after our internal documentation. Thus, we allocated resources for research and then for product development. As a consequence of our efforts, NOVA currently produces tool holders for CNC lathes and vices for CNC milling machines ,gears, gear-boxes and more.

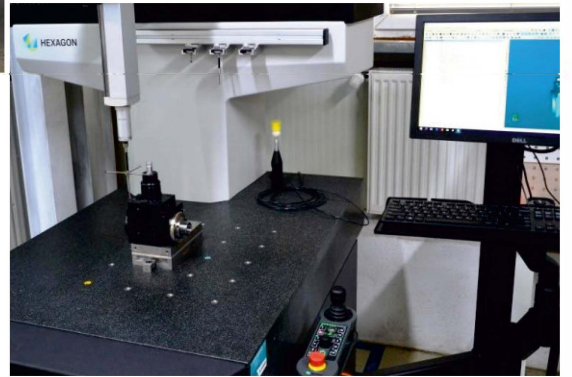
As a result of the maturation of this tool holder production department within the NOVA GRUP company, in 2020 the toolholders division became an independent company with the name NG TOOLHOLDER which carries out its activity under the care of the mother company NOVAGRUP.

Committed to evolution, we propose further developing by expanding the range of clamping systems made by NOVA.



Management
System
ISO 9001:2015

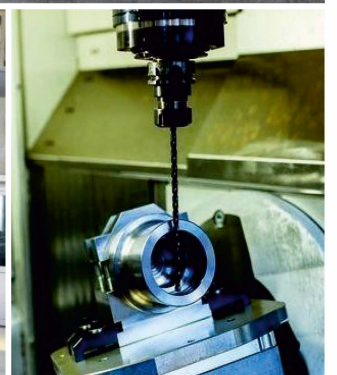
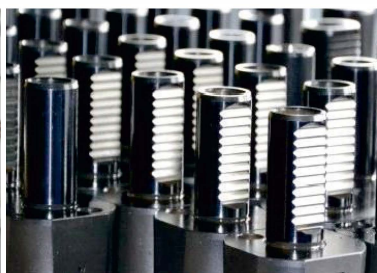
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ID 9105023858



NGI
TOOLHOLDERS



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gearing up your business



DON'T HAVE A CATCH PART ON YOUR LATHE?
WE HAVE THE SOLUTION!!
CUT 6- CATCHING TOOLHOLDER
FIRST LIVE CUTTING TOOL HOLDER



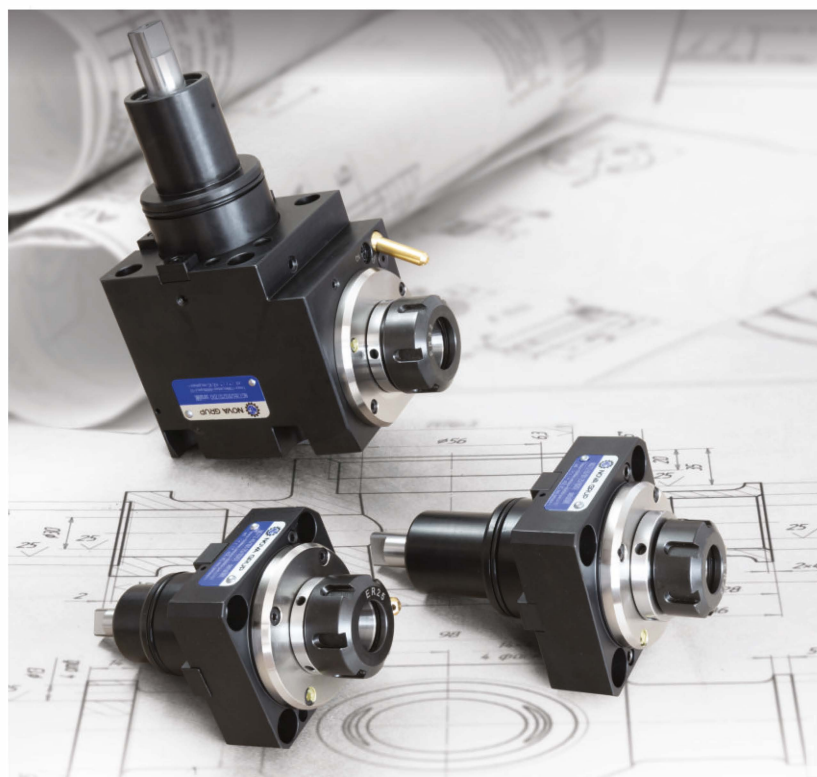
youtube
demonstration

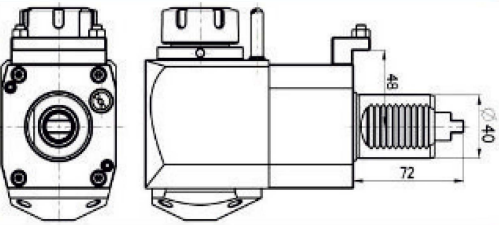
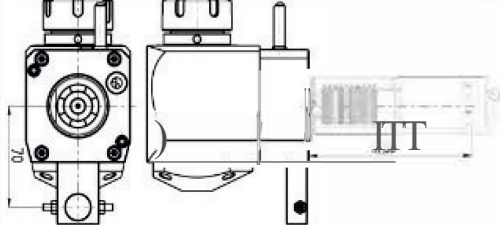
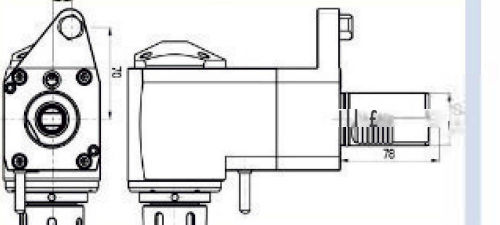
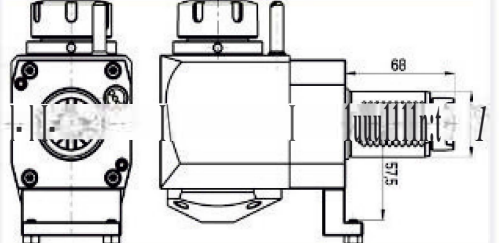
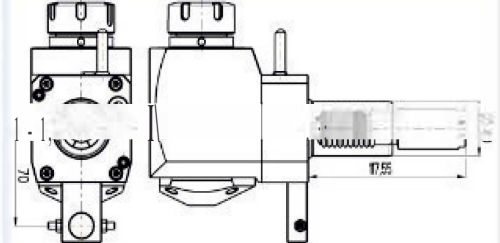
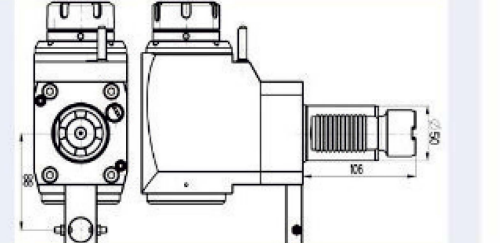
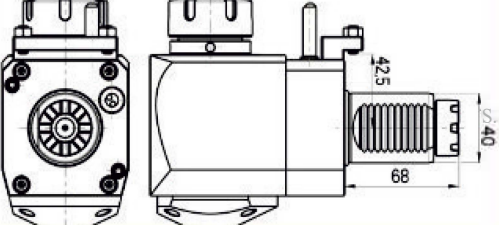
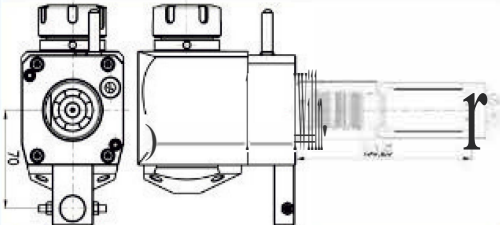
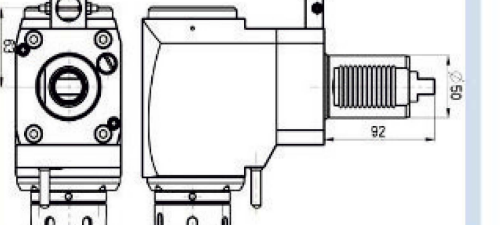
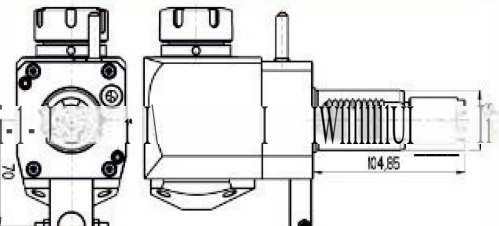
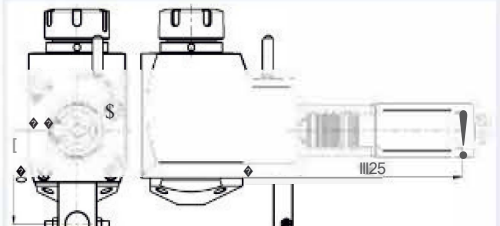
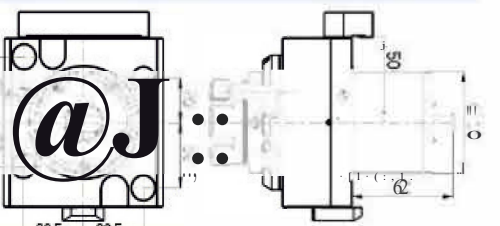
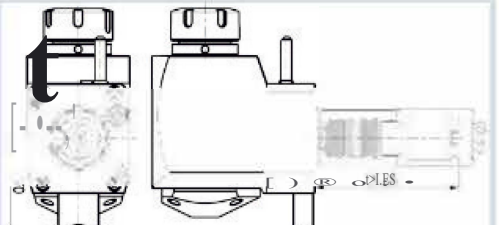
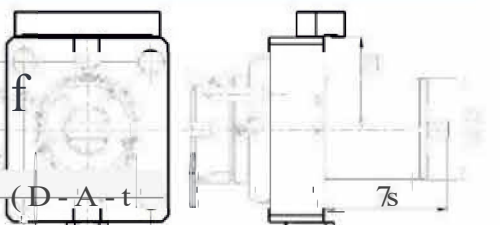


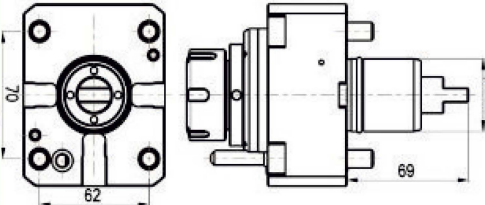
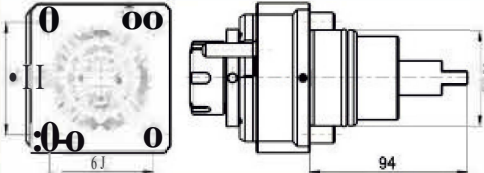
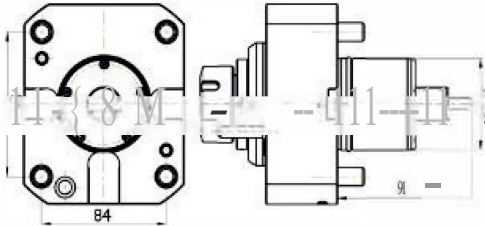
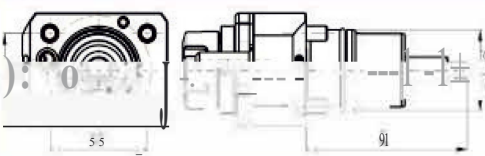
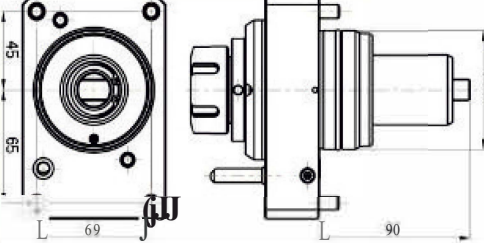
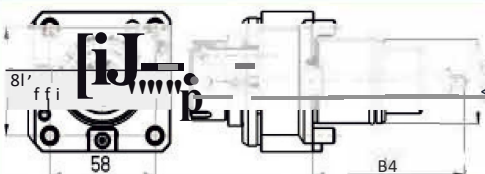
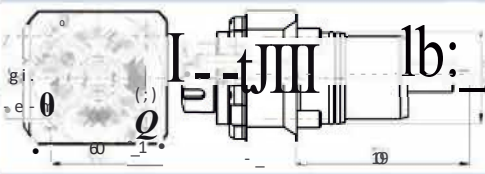
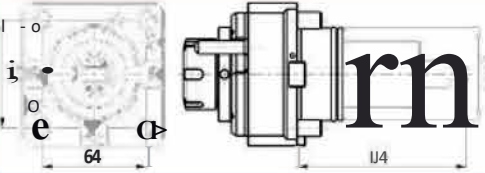
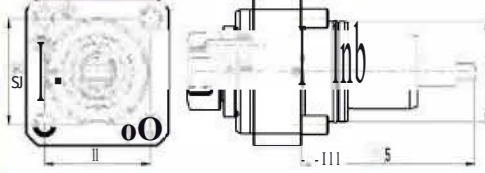
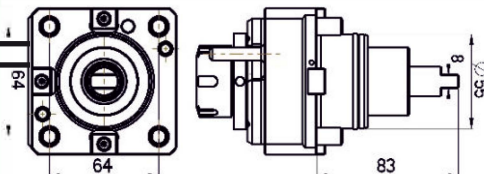
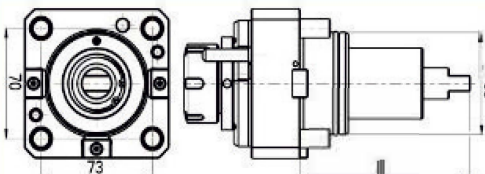
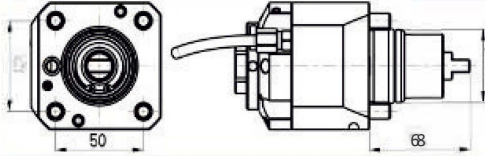
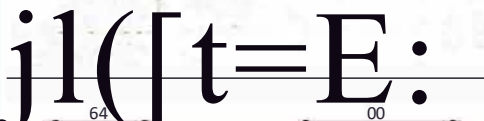
Nu,
TOOLHOLDERS

time saver
machine capability increase
low investment
easy to use
no mentenance
precise center lineup

WWW.NCiT.NOVACiRUP.RO



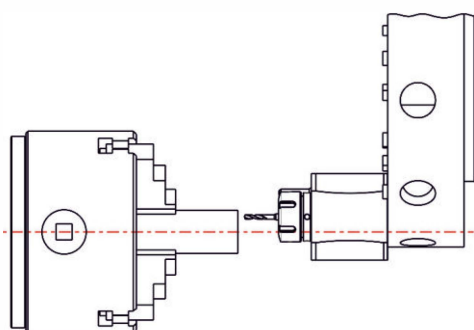
Technical details			Technical details			Technical details		
D	VDI40 DIN1809		B	W140 HAAS		NZ	VDI40 MAZAK	
C	VDI40 TOEM		BS	W140 rotation (in-Duf)		JA	VDI50 OKUMA	
D	VDI40 TOEM		C	W140 HAAS		B	VDI50 DIN1809	
A			μA					
AS	VDI40 rotation (in-out)							

mm mil			mm mil			mm mil		
Technical details			Technical details			Technical details		
(MS)	BhIT40 MORI-SEIKI		(DO)	BhIT75 DOOSAN		(BL)	BMT55 BIGLIA	
(MS)	Mic 1K1		(NT)	NARA		(M2)		
(DO)	8MT45 DOOSAN		(NT)	8MT55 NAKAMURA-TOME		(EM)	BMT65 EMAG	
(DO)	BhIT55 DOOSAN		(NT)	NARA-TOME		(I)		
(DO)	BhIT65 DOOSAN		(BL)	BhIT40 BIGLIA		(EM2)	BMT55 EMAG	

Operations with VDI Disk-type turret

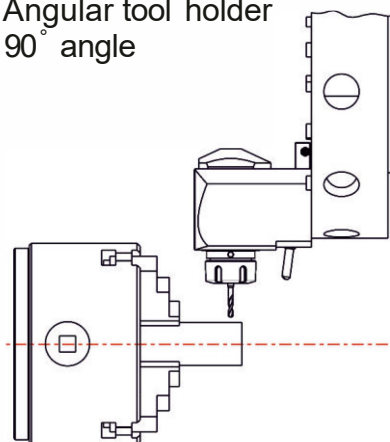
Axial operation

Straight tool holder

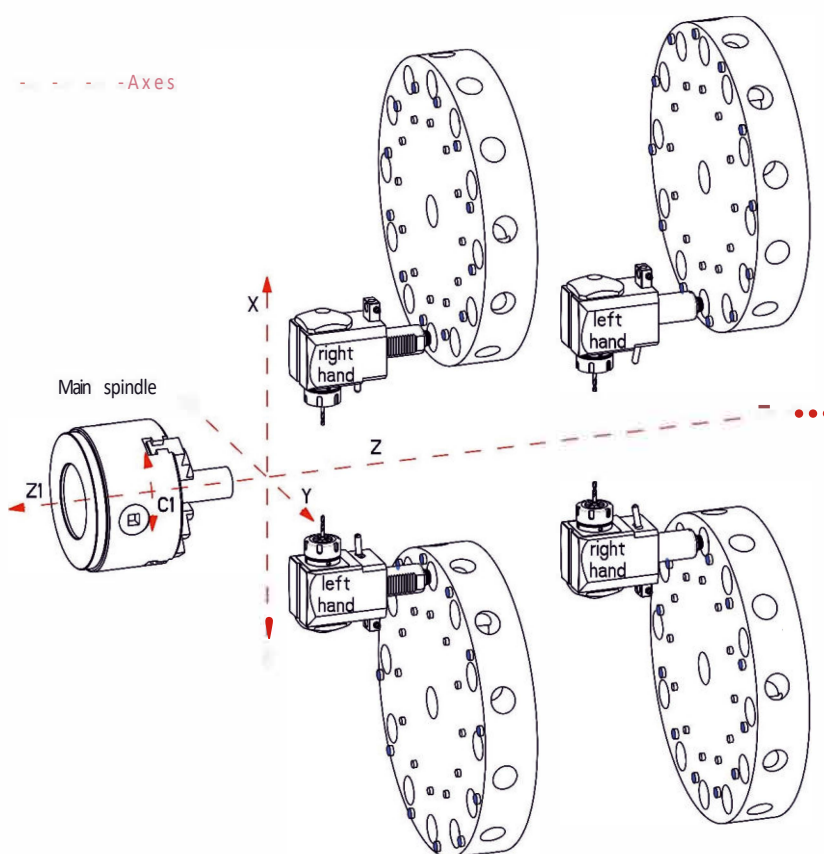


Radial operation

Angular tool holder
90° angle



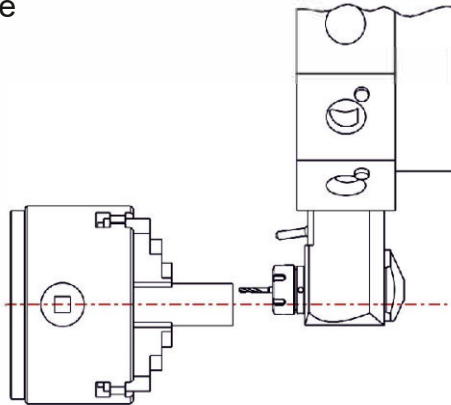
Right and Left hand versions on Disk - type Turrets



Operations with VDI Star-type turret

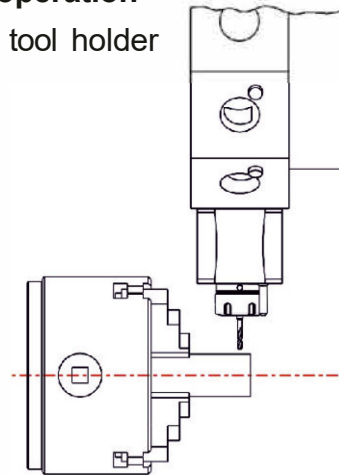
Axial operation

Angular tool holder
90° angle

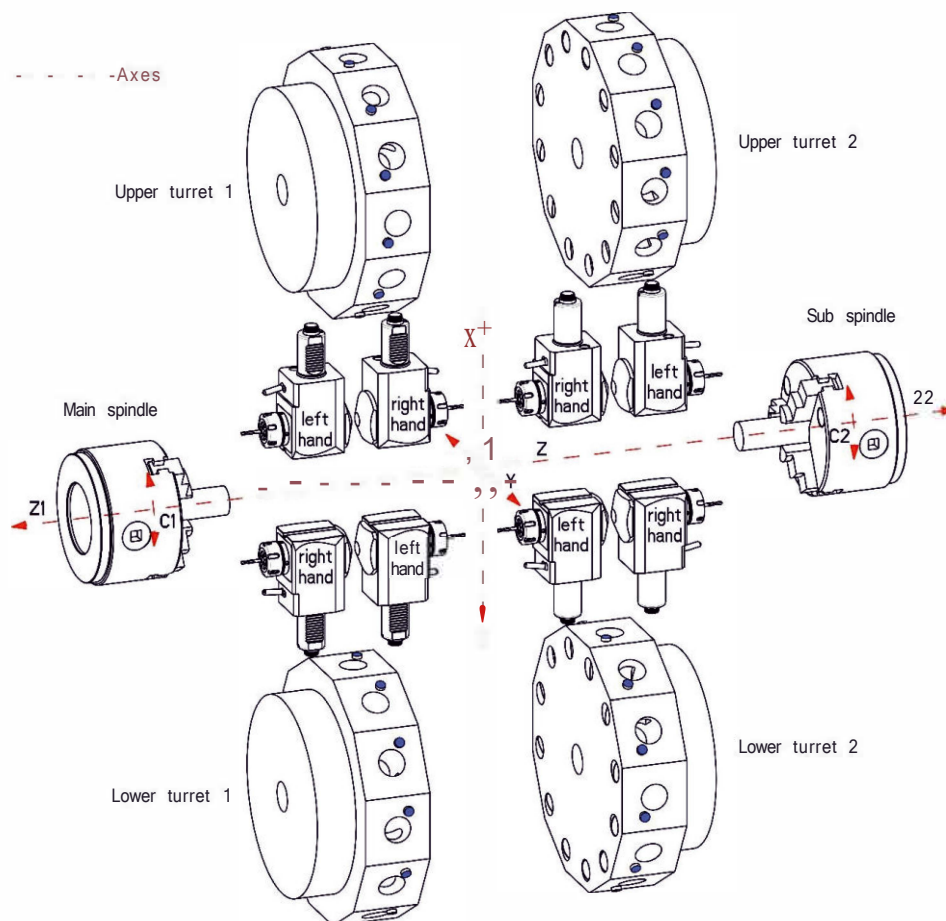


Radial operation

Straight tool holder



Right and Left hand versions on Star-type Turrets with Main and Sub spindle





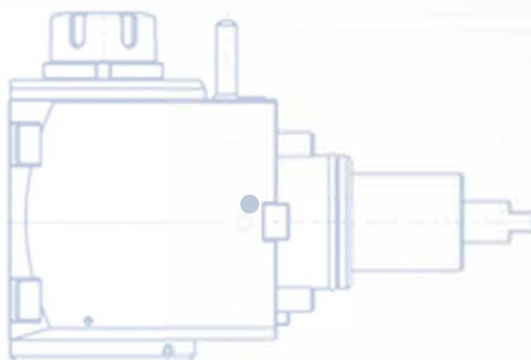
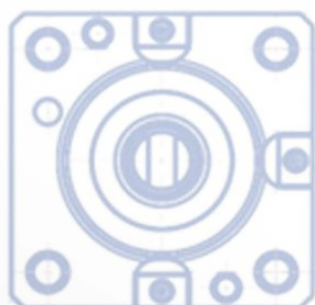
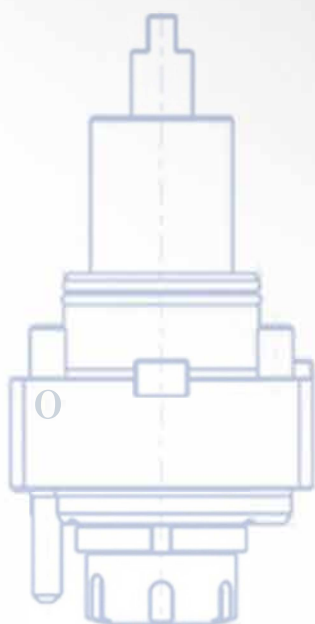
NOVAGRUP
gearing up your business

BMT TURRET TOOLHOLDERS

Suitable for:

BMT

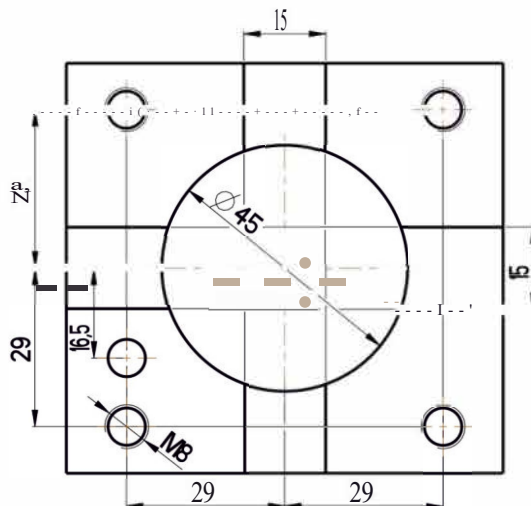
40/44/45/55/60/65/68/7 5



LIVE AND STATIC TOOLHOLDERS **BMT45**

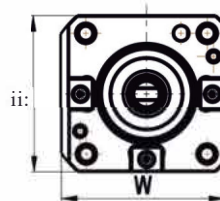
DOOSAN	LYNX 2100MA
	LYNX 220 LMISA/LMSC
	LYNX 220 LSYA/LSYC
	LYNX 220 M/LM
	LYNX 220 MA/LMA/MC/LMC
	LYNX 220YA/YC/LYA/LYC
	PUMA MX 1600 T/ST
	PUMA TT 1300 SY/SYY
DMC	DL6TM
EMCO	HYPERTURN45
FOCUS CNC	FNL 220Y/LY/LSY 16ST
	FNL-160, 220LSY
GANESH	GENTURN 52/65 MSY
HARDINGE	BMT45
	H-51, TT-42/51 (BMT45-16T)
	T-42/51 (BMT45)
HWACHEON	CUTEX 180 (16 ST) (BMT45)
	HI-TECH 230 (20 ST) (BMT45)
HYUNDAI WIA	SE 2200MA
JYOTI	AX 200 (BMT45)
	TMC 250, 350 (BMT45)
ROMI	GL250S/Y
SMEC	PL 1600M/CM
TORNOS	SWISS DECO
VICTOR	VTurn-NP16CM

CONNECTION TURRET-BMT45

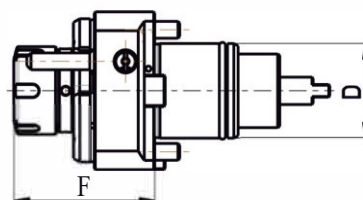


LIVE TOOLHOLDERS **BMT45**

Straight BMT drilling and milling head

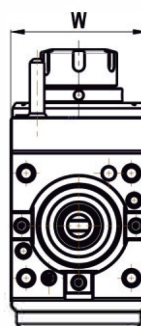
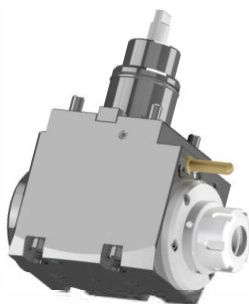


Direction of rotation: (\\)

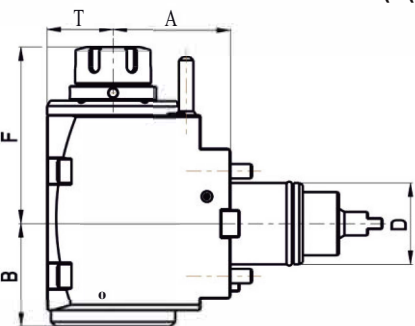


Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-45/101-25/1 (DO)	45	ER25	no	69	78.5	75	50	6000	1:1	-
NGT2-45/101-25/2(DO)	45	ER25	yes	69	78.5	75	50	6000	1:1	20

Angular BMT drilling and milling head

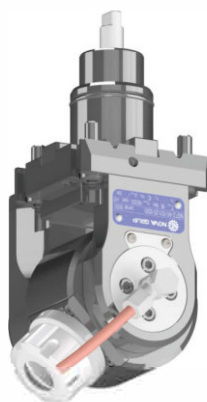


Direction of rotation: (\\)

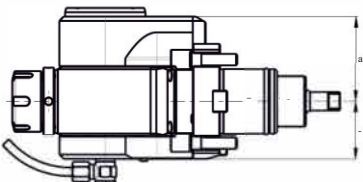
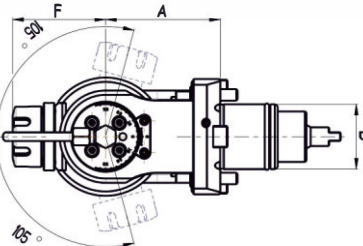


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT2-45/201-25/1.3-65(DO)	45	ER25	no	right/left	65	57	98	36.5	75	50	6000	1:1	-
NGT2-45/201-25/2. 3-65(DO)	45	ER25	yes	right/left	65	57	98	36.5	75	50	6000	1:1	20
NGT2-45/201-25/3. 3-65(DO)	45	ER25	no	right/left	65	68	98	36.5	75	50	6000	1:1	80

Variable angle BMT drilling and milling head



Direction of rotation: (\\)



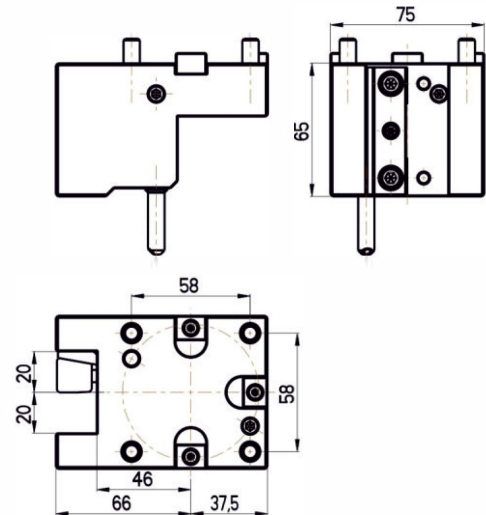
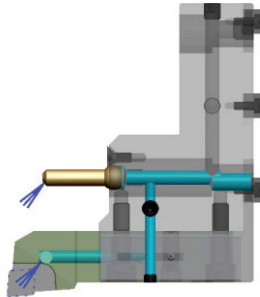
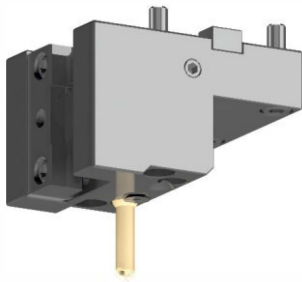
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NGT2-45/501-25/1 (DO)	45	ER25	no	right/left	80	59	65	40	80	16	6000	1:1	-
NGT2-45/501-25/2(DO)	45	ER25	yes	right/left	80	59	65	40	80	16	6000	1:1	20

STATIC TOOLHOLDERS **BMT45**

Universal turning holder

NGT OD-45x20x65(DO)

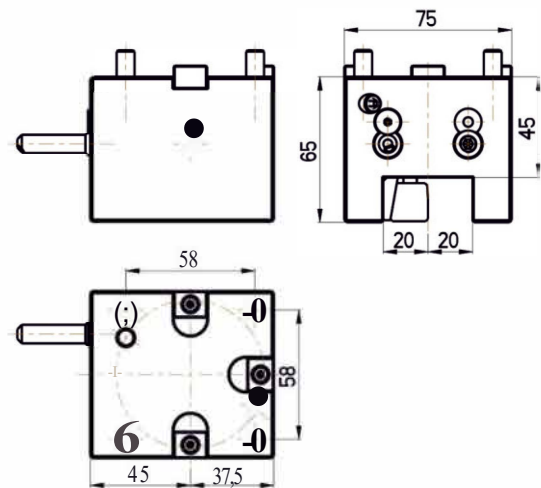
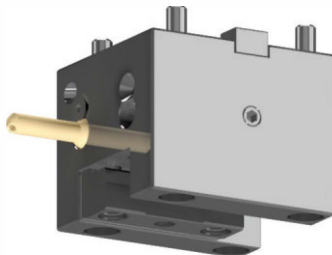
External cooling/Internal **cooling 80bar**



Universal turning face holder

NGT F-45x20x65(DO)

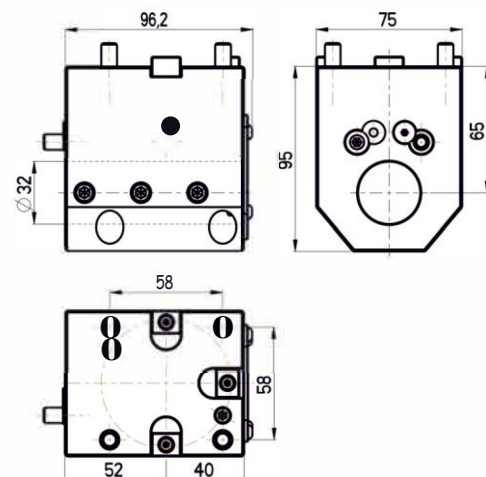
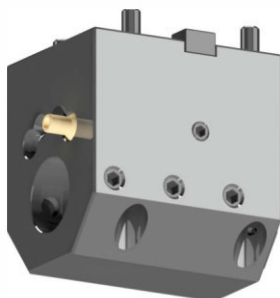
External cooling 80bar



Boring bar holder

NGT D 45x32x65(DO)

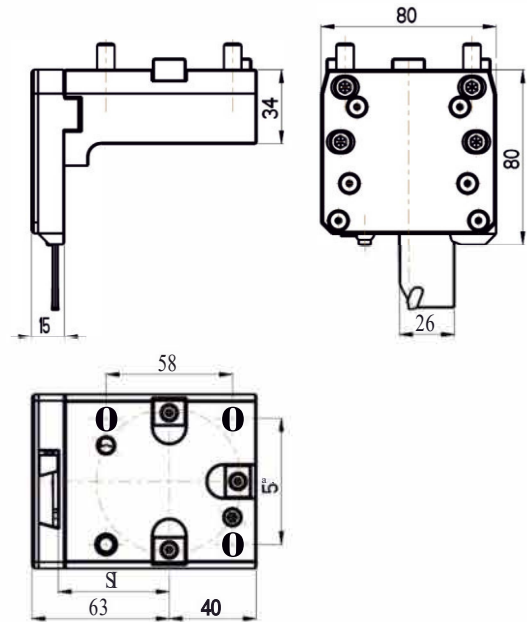
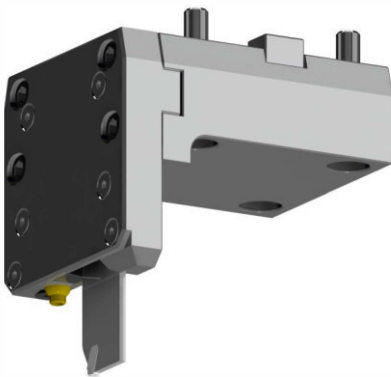
External/ Internal cooling 80bar



STATIC TOOLHOLDERS BMT45

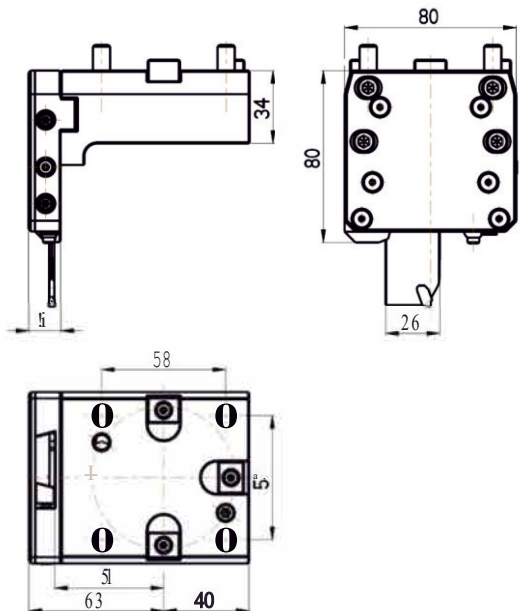
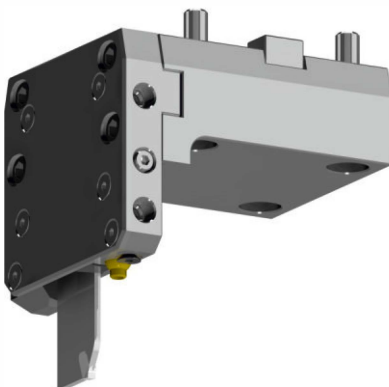
Cut off toolholder

NGT CR-45x26(DO)
External cooling (RIGHT)



Cut off toolholder

NGT CL-45x26(DO)
External cooling (LEFT)



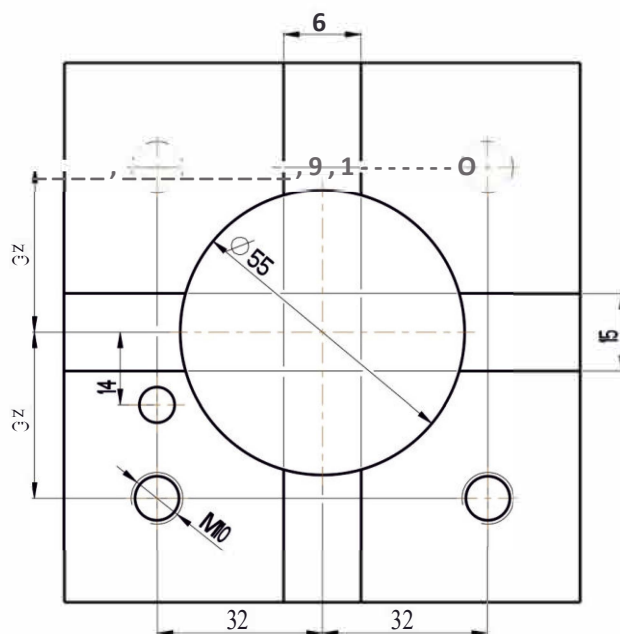
LIVE AND STATIC TOOLHOLDERS

BMT55

ACCUWAY	UT-100Y(BMT)
ALEX-TECH	VT-27G, 30-33BLMC (BMT55)
CHIAH CHYUN	ML-250
	WTS-52/65Y2M
DMC	DL 21-22M/LMS
	DL 25 MS/Y/SY/LSY
DOOSAN	Lynx 2600 Y/SY
	Lynx 300M
	PUMA 1500/2000/2500 M/S/Y
	PUMA 2100 Y/LY/SY/LSY
	PUMA 2100/2600/3100 M/Y/MS/SY
	PUMA 230/240/280 M/LM/S
	PUMA GT 2100/2600 M/MB
	PUMAH250T M
	PUMA MK 1600 T/ST (BMT55)
	PUMA MK 2100 T/ST
	PUMA QL 200 H M
	PUMA TL 2000/2500 M/LM
	PUMA TT 1500/1800MS/SY
	PUMA TT 2100 SY
	SMX2100ST
	TW 2100M
	TW2600M
FOCUS CNC	FBL 230MC
	FNL/FBL-250SY (16ST, BMT55)
GANESH	ASL-100MY (BMT55)
	GENTURN WTS-Y2M
HARDINGE	BMT55
	H-51 (BMT55)
	T-51, 65 (BMT55)
HEADMAN	Hi5000M
	T55M/MS
HWACHEON	CUTEX 160/180(BMT55)
	VT-450 (BMT55)
HYUNDAI WIA	HD 2200 M/MC
	HD2600M
	L 160/230MA/MC/LMA/LMSA
	LF 1600/2100/2600 M/2SP
	IM 1600/1800TTMS/TTSY
	SKT 160/180 TTSY

JYOTI	AX 300 (BMT55)
LEADWELL	T7i M/SM (BMT55)
LMW	LL20MYL5 (BMT55)
MAZAK	QT Ez 8/10/12M/MSY/MYBMT55
ROMI	GL300S/Y
SMART	NL 2000 ASY/BSY/AV/BY
SMEC	PL 240 LM/LMB
	PL 250VM
	SL 1500, 2000M/Y/SY
	SL 20MC
	SL 250MC
TONGTAI	TD-2000, 2500Y 16ST
VICTOR	VTU RN A16/A20 YSCM
	VTURN A200 CM/SCM/YCM/YSCM
	VTURN-NP20CM
	VTURN-Q200
WIA(KIA)	L160 MA/LMA/LMSA
	L230 MA/LMA/MC/LMSA
	IM 1600 MS/SY
	IM 1800 MS/SY
YCM	NTC 1600 LS/LSY/M/LM/Y/LY
	NTC 2000 LS/LSY/M/LM/Y/LY

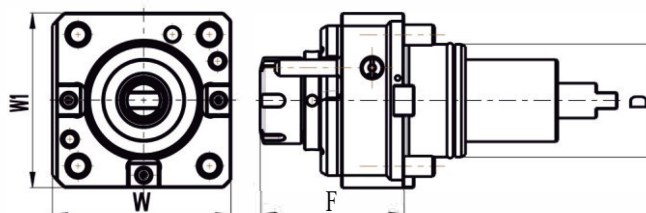
CONNECTION TURRET - BMT55



LIVE TOOLHOLDERS **BMT55**

Straight BMT drilling and milling head

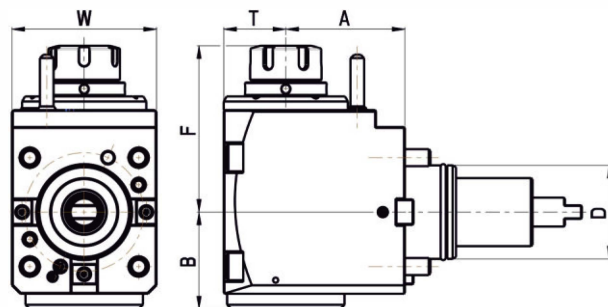
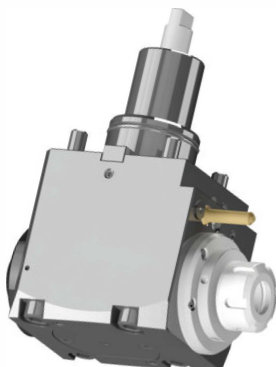
Direction of rotation: (\\



Code	D	Tool grip	Internal Cooling	F	W	WL	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-55/101-25/1 (DO)	55	ER25	no	70	87	85	50	6000	1:1	-
NGT2-55/101-25/2(DO)	55	ER25	yes	70	87	85	50	6000	1:1	20
NGT2-55/101-32/1 (DO)	55	ER32	no	73	87	85	50	6000	1:1	-
NGT2-55/101-32/2(DO)	55	ER32	yes	73	87	85	50	6000	1:1	20

Angular BMT drilling and milling head

Direction of rotation: (\\



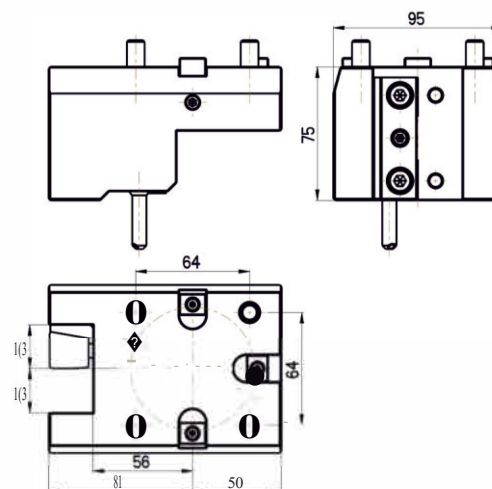
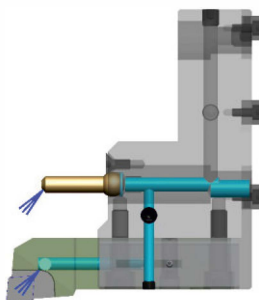
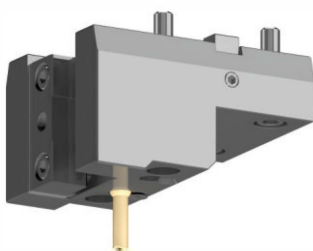
Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-55/201-25/1.3-70(DO)	55	ER25	no	right/left	70	57	98	36,5	85	50	6000	1:1	-
NGT2-55/201-25/2.3-70(DO)	55	ER25	yes	right/left	70	57	98	36,5	85	50	6000	1:1	20
NGT2-55/201-25/1.3-85(DO)	55	ER25	no	right/left	85	57	98	36,5	85	50	6000	1:1	-
NGT2-55/201-25/2.3-85(DO)	55	ER25	yes	right/left	85	57	98	36,5	85	50	6000	1:1	20
NGT2-55/201-32/1.3-85(DO)	55	ER32	no	right/left	85	57	101	36,5	85	50	6000	1:1	-
NGT2-55/201-32/2.3-85(DO)	55	ER32	yes	right/left	85	57	101	36,5	85	50	6000	1:1	20
NGT2-55/201-32/1.3-70(DO)	55	ER32	no	right/left	70	57	101	36,5	85	50	6000	1:1	-
NGT2-55/201-32/2.3-70(DO)	55	ER32	yes	right/left	70	57	101	36,5	85	50	6000	1:1	20
NGT2-55/201-32/3.3-70(DO)	55	ER32	yes	right/left	70	68	101	36,5	85	50	6000	1:1	80
NGT2-55/201-25/3.3-70(DO)	55	ER25	yes	right/left	70	68	98	36,5	85	50	6000	1:1	80
NGT2-55/201-25/3.3-85(DO)	55	ER25	yes	right/left	85	68	98	36,5	85	50	6000	1:1	80
NGT2-55/201-32/3.3-85(DO)	55	ER32	yes	right/left	85	68	101	36,5	85	50	6000	1:1	80

STATIC TOOLHOLDERS BMT55

Universal turning holder

NGT OD-55x25x75(DO)

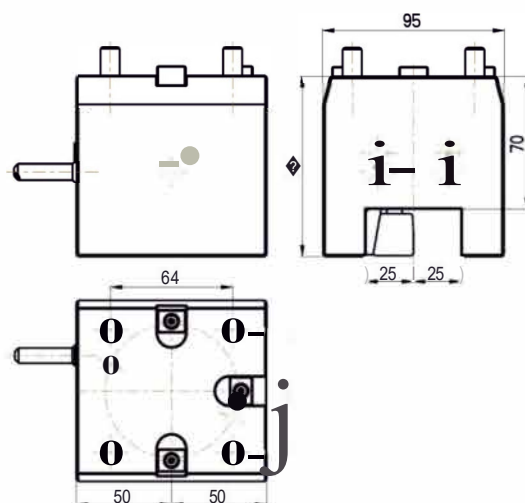
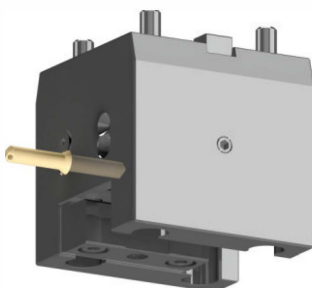
External cooling/Internal **cooling 80bar**



Universal turning face holder

NGT F-55x25x95(DO)

External cooling 80bar



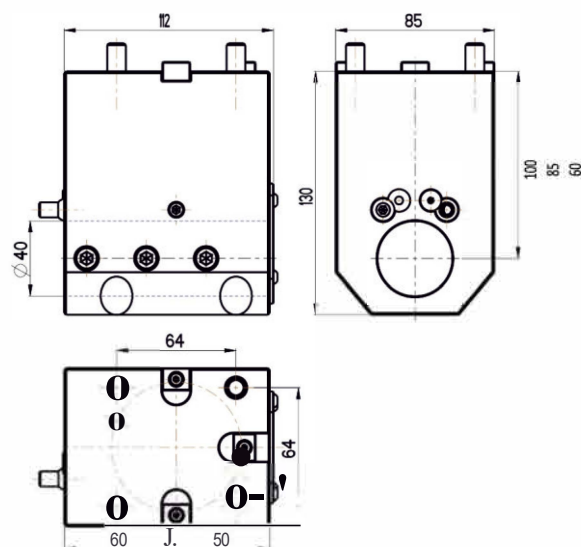
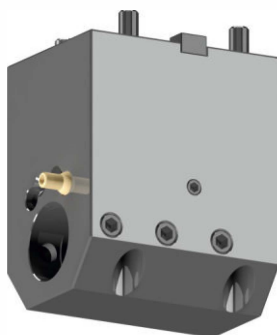
Boring bar holder

NGT ID-55x40x60(DO)

NGT ID-55x40x85(DO)

NGT ID-55x40x100(DO)

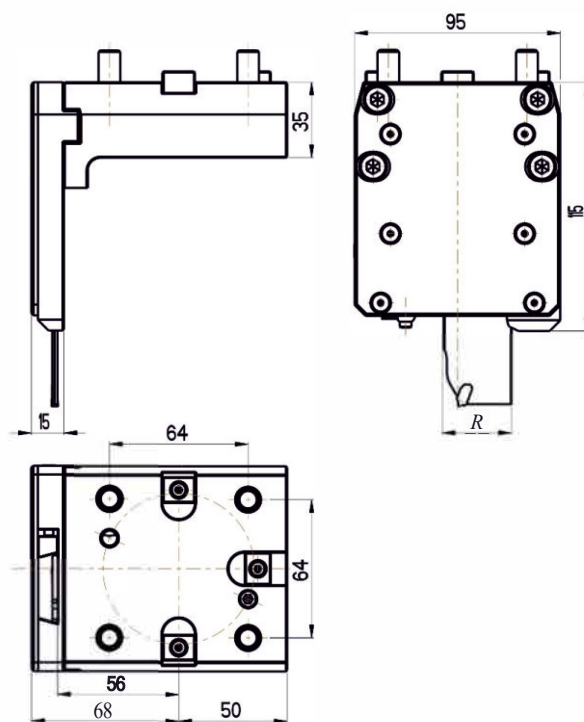
External/ Internal cooling 80bar



STATIC TOOLHOLDERS BMT55

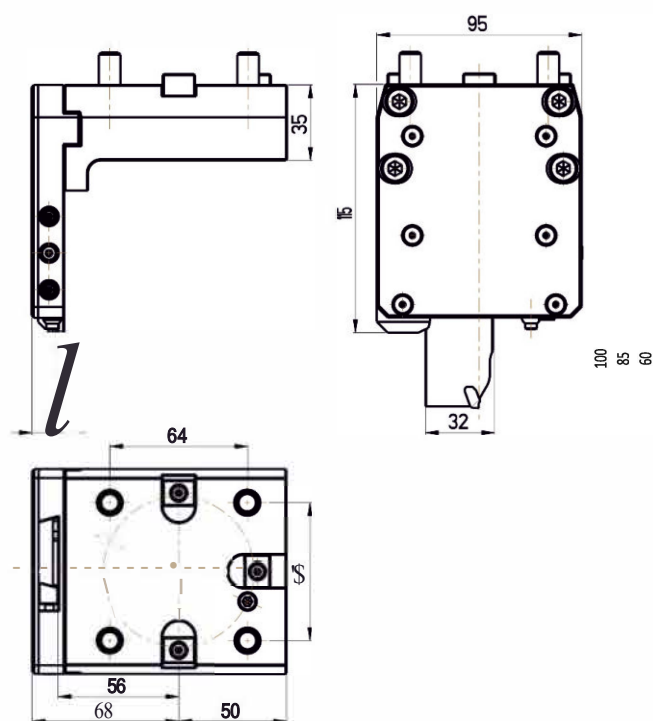
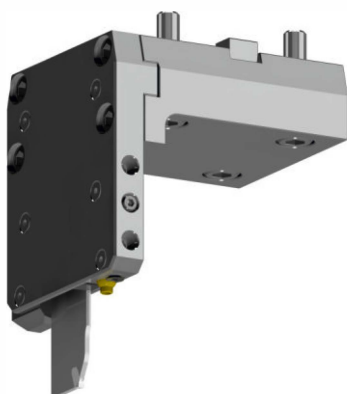
Cut off toolholder

NGT CR-55x32(DO)
External cooling (RIGHT)



Cut off toolholder

NGT CL-55x32(DO)
External cooling (LEFT)



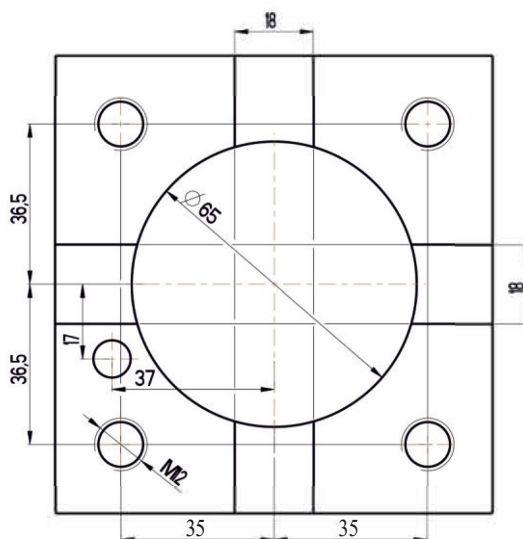
LIVE AND STATIC TOOLHOLDERS BMT65

ACCUWAY	UT-300 M/S (BMT)	HWACHEON	Cutex 240 (BMT65)
	UT-300 Y (BMT)		HI-TECH 200 MC (BMT65)
	UZ-2000T2Y (BMT)		HI-TECH 230 (BMT65)
CHEVALIER	FBL-300		HI-TECH 300 (BMT65)
DMC	DL 35-40M		HI-TECH 350 (BMT65)
DOOSAN	INVERTRN 3000 M		HI-TECH400 MC (BMT65)
	PUMA 2100/2600 M/LM/MS/LMS		HI-TECH 450 (BMT65)
	PUMA 2100/2600 Y/LY/SY/LSY		T2 (BMT65)
	PUMA 300 M/MS/MB/MC		VT-450 (BMT65)
	PUMA 3100 M/LM/LY/XLM/XLY/ULM/ULY		SKT 200/250 TTSY
	PUMA GT 3100 M/LM		
	PUMA MK 2000/2500	HYUNDAIWIA	HD 3100M/LM
	PUMA MK 2600 T/ST		L 2000 Y/LY/SY/LSY
	PUMA TT 2000/2500 M/S/Y		L 2100SY
	PUMAV400M		L 2600 Y/LY/SY
	PUMA VT450 M/M-2SP		L 300 MA/MC/LMA/LMC/MSA/LMSA/MSC
	SMX2660ST		L 3000Y/LY/SY
ECOCA	MT-3 MC/MCSY		L 3000Y/LY/SY/LSY
	MT-4MC/MCSY		LM 2000/2500TTM/TTMS/TTSY
FOCUS CNC	FBL 300MC		LV 450RM/LM
GANESH	ASL-15 MY (BMT65)		SKT 200/250 TTSY
	ASL-78/105 TTM(Y)(BMT65)		SKT 250/300 MS/LMS
HAAS	DS-30Y BMT65	JOHNFORD	SL 60, 65 (BMT65)
	DS-30Y BMT65		LEADWELL
	ST-20/25/30/35Y BMT65		LTC 25iMY (BMT65)
	ST-20Y BMT65	IMV	LR30TML7
	ST-25YBMT65		ROMI
	ST-30Y BMT65		GL350M/Y/S
	ST-35Y BMT65	SMART	NL 2500 M/SY/Y
HADINGE	Elite 65 M Ultra		NL 3000 BM/BLM
HEADMAN	Hi6000M		
	T65M/MS		
HURCO	TMX8/ TMX10MY/MYS(BMT65)		

LIVE AND STATIC TOOLHOLDERS BMT65

SMEC	PL 20/25/35
	PL 2000/2500
	SL 2000/2500/3500
	SL 25/35
	SL 3500M/Y
SPINNER	SLY 500M
	TCS00
	TCS00MCY
TONGTAI	TCS-1500,2000,2500
	TD-2000, 2500V 12ST
	TMT2000
	TNL-120T
VICTOR	Vturn A26 YSCM
	Vturn S26 OM
WELE	HL-200YS
WIA(KIA)	L2100SY
	L2600SY
	L300 MA/LMA/MC/LMC
	L300 MSA/LMSA/MSC
	LM2500
	SKT 250M
	SKT 300M

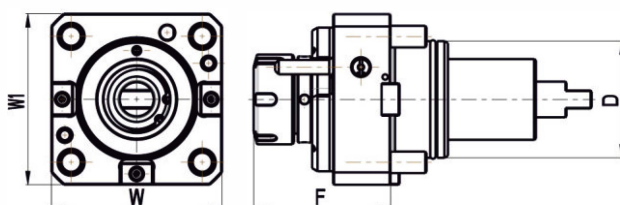
CONNECTION TURRET - BMT65



LIVE TOOLHOLDERS **BMT65**

Straight BMT drilling and milling head

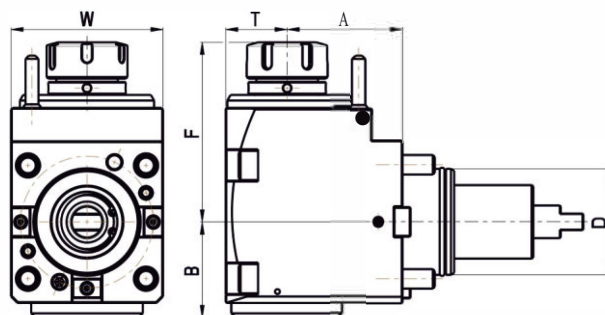
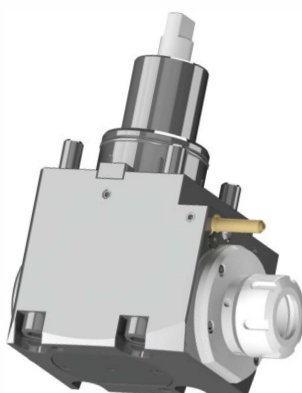
Direction of rotation: (\\)



Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-65/101-32/1 (DO)	65	ER32	no	76	95	95	70	6000	1:1	-
NGT2-65/101-32/2(DO)	65	ER32	yes	76	95	95	70	6000	1:1	20
NGT2-65/101-25/1 (DO)	65	ER25	no	73	95	95	70	6000	1:1	-
NGT2-65/101-25/2(DO)	65	ER25	yes	73	95	95	70	6000	1:1	20

Angular BMT drilling and milling head

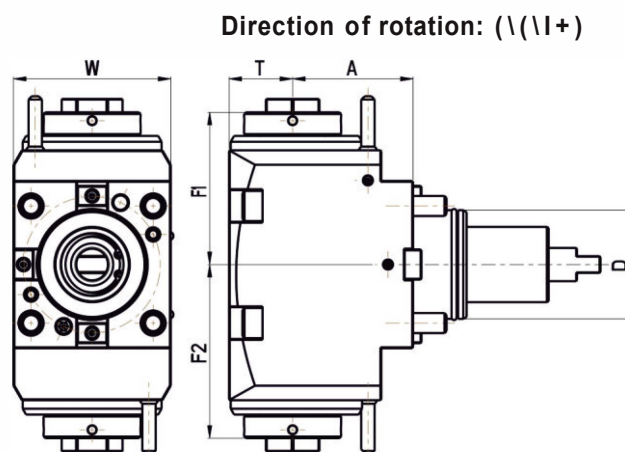
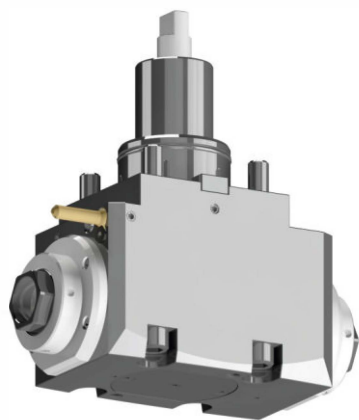
Direction of rotation: (\\)



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-65/201-32/1.3-72(DO)	65	ER32	no	right/left	72	59	111	38	94	70	6000	1:1	-
NGT2-65/201-32/2.3-72(DO)	65	ER32	yes	right/left	72	59	111	38	94	70	6000	1:1	20
NGT2-65/201-32/1.3-1 OO(DO)	65	ER32	no	right/left	100	59	111	38	94	70	6000	1:1	-
NGT2-65/201-32/2.3-1 OO(DO)	65	ER32	yes	right/left	100	59	111	38	94	70	6000	1:1	20
NGT2-65/201-25/1.3-72(DO)	65	ER25	no	right/left	72	59	108	38	94	70	6000	1:1	-
NGT2-65/201-25/2.3-72(DO)	65	ER25	yes	right/left	72	59	108	38	94	70	6000	1:1	20
NGT2-65/201-25/1.3-1 OO(DO)	65	ER25	no	right/left	100	59	108	38	94	70	6000	1:1	-
NGT2-65/201-25/2.3-1 OO(DO)	65	ER25	yes	right/left	100	59	108	38	94	70	6000	1:1	20
NGT2-65/201-32/3.3-72(DO)	65	ER32	yes	right/left	72	70	111	38	94	70	6000	1:1	80
NGT2-65/201-32/3.3-1 OO(DO)	65	ER32	yes	right/left	100	70	111	38	94	70	6000	1:1	80
NGT2-65/201-25/3.3-72(DO)	65	ER25	yes	right/left	72	70	108	38	94	70	6000	1:1	80
NGT2-65/201-25/3.3-1 OO(DO)	65	ER25	yes	right/left	100	70	108	38	94	70	6000	1:1	80

LIVE TOOLHOLDERS **BMT65**

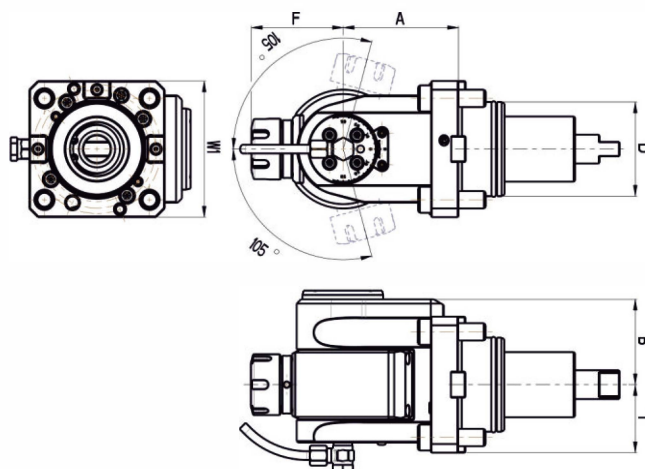
Double angular BMT drilling and milling head



Direction of rotation: (\\|+)

Code	D	Tool grip	Internal Cooling	Direction	A	F1	F2	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT2-65/205-32D/1.3-72(DO)	65	ER32	no	right/left	72	91	104	38	94	70	6000	1:1	-
NGT2-65/205-32D/2.3-72(DO)	65	ER32	yes	right/left	72	91	104	38	94	70	6000	1:1	20

Variable angle BMT drilling and milling head



Direction of rotation: (\\|)

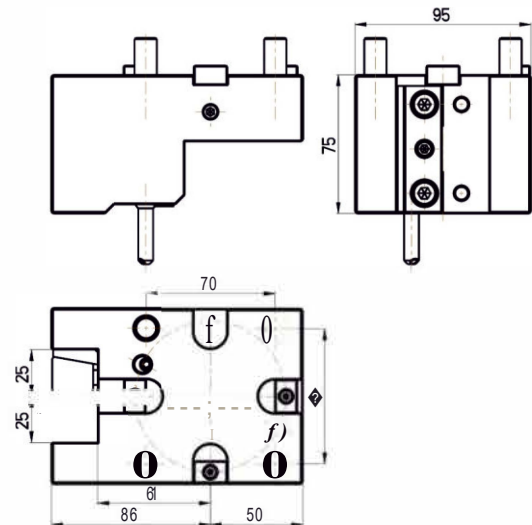
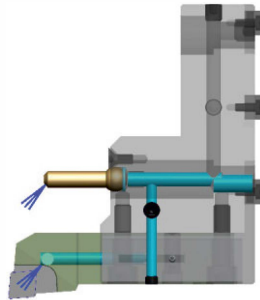
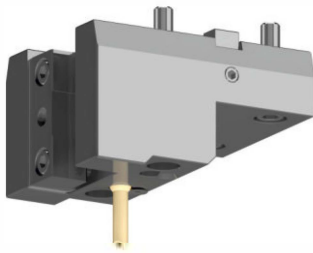
Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-65/501-25/1 (DO)	65	ER25	no	right/left	80	59	65	47	94	16	6000	1:1	-
NGT2-65/501-25/2(DO)	65	ER25	yes	right/left	80	59	65	47	94	16	6000	1:1	20

STATIC TOOLHOLDERS BMT65

Universal turning holder

NGT OD-65x25x75(DO)

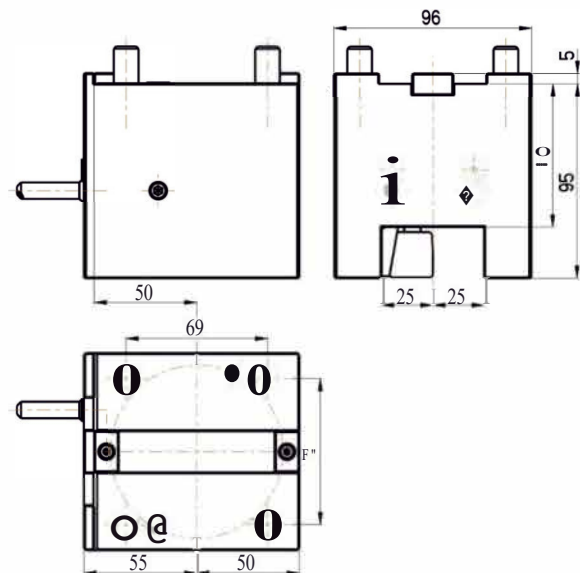
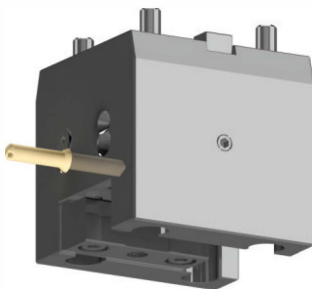
External cooling/Internal **cooling 80bar**



Universal turning face holder

NGT F-65x25x95(DO)

External cooling 80bar



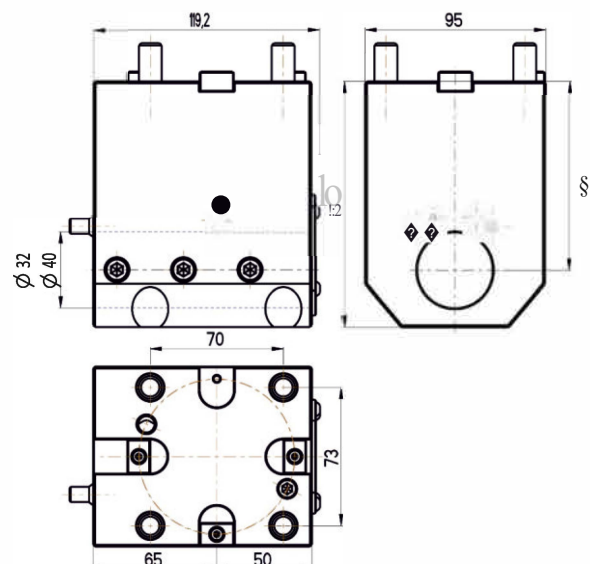
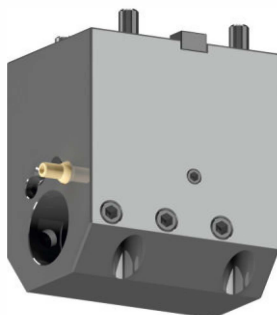
Boring bar holder

NGT ID-65x32x72(DO)

NGT ID-65x40x72(DO)

NGT ID-65x40x100(DO)

External/ Internal cooling 80bar

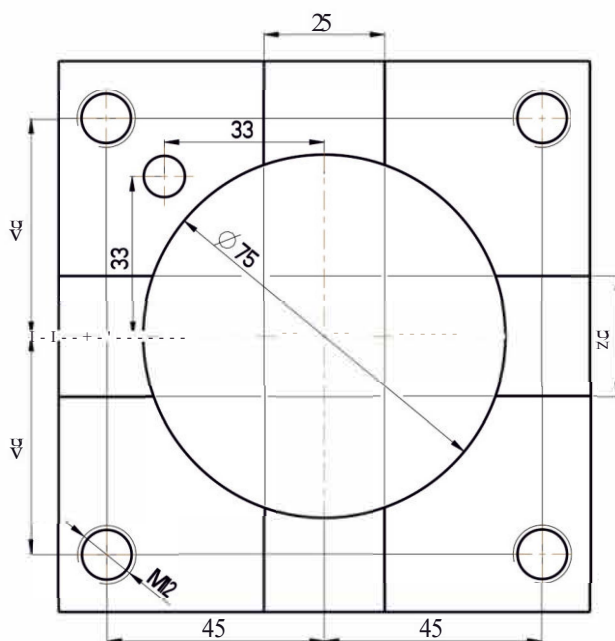


LIVE AND STATIC TOOLHOLDERS

BMT75

ACCUWAY	UT-360/380M (BMT)	ROMI	GL450 M/Y
	UT-360/380M (BMT)		GL450M/Y
DMC	DL 45-55M	SMART	NL 4000 M/LM
	DL 45-55M		NL 4000M/LM
DOOSAN	PUMA 400 MA/LMA/MB/LMB/MC/LMC/XLMA/XLMB/XLMC		NL 5000M/LM
	PUMA 400 MA/LMA/MB/LMB/MC/LMC/XLMA/XLMB/XLMC		NL 5000M/LM
	PUMA 4100 M/LM	SMEC	PL 45 LM/XLM/LY
	PUMA4100M/LM		PL 45 LM/XLM/LY
	PUMA 480 M/LM/XLM		PL45M/LY
	PUMA 480 M/LM/XLM		PL 45M/LV
	PUMA500M		PL BOOV/VM R/L
	PUMA500M		PL BOOV/VM R/L
	PUMA5100M/LM		PLBOOVM
	PUMA 5100 M/LM		PLBOOVM
	PUMAV550M		SL45
	PUMAV550M		SL45
	PUMAV8300M		SL 4500, 5500M,SL 4500LY
	PUMAV8300M		SL 4500, 5500M,SL 4500LY
	PUMA VT750M/M-2SP		SLV BOOM
	PUMA VT750M/M-2SP		SLV BOOM
FOCUS CNC	FBL-420Y	VICTOR	VTURN 40/45 CM/YCM
	FBL-420Y		VTURN 40/45 CM/YCM
	FBL-460MC		VTURNS36 CM
	FBL-460MC		VTURNS36CM
HEADMAN	T75 M	WIA(KIA)	L500 LMA
	T75M		L500LMA
	VI7000M (right turret), VZ7000M/AM		SKT 400
	VI7000M(right turret), VZ7000M/AM		SKT 400
HWACHEON	HI-TECH 550/700/7026 (BMT75)		
	HI-TECH 550/700/7026 (BMT75)		
	VT-550 (BMT75)		
	VT-550(BMT75)		
	VT-650 (BMT75)		
	VT-650(BMT75)		
HYUNDAI	400 MC		
	400MC		
HYUNDAIWIA	FT 250-2SP		
	FT 250-2SP		
	L 400/500 MA/MC/LMC		
	L 400/500 MA/MC/LMC		
	LV 500/800/850 RM/LM		
	LV 500/800/850 RM/LM		
	SK-VBOM		
	SK-VBOM		
	SKT 400LMC		
	SKT 400LMC		
JOHNFORD	HT/ ST series		
	HT / ST series		
MTRENT	T36FMC		
	T36FMC		

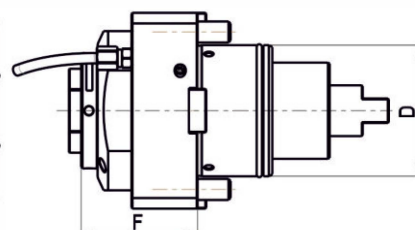
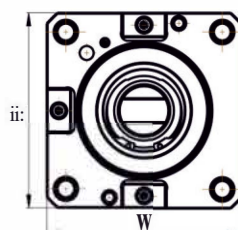
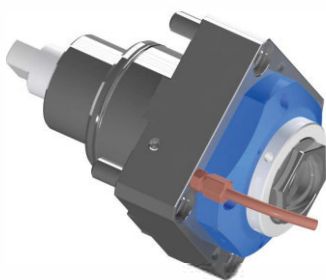
CONNECTION TURRET - BMT75



LIVE AND STATIC TOOLHOLDERS BMT75

Straight BMT drilling and milling head

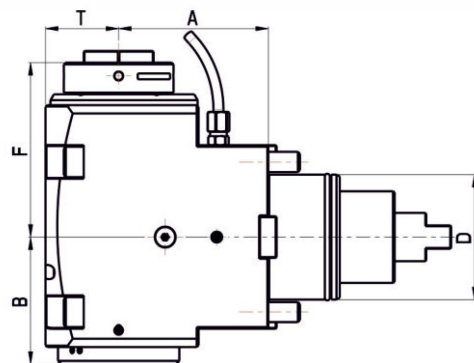
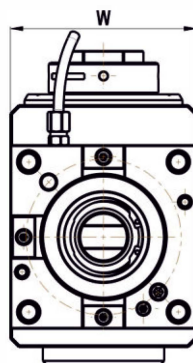
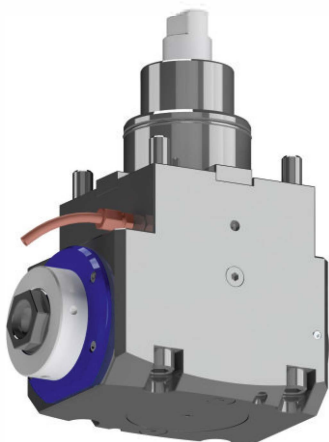
Direction of rotation:(),(')\



Code	D	Tool grip	Internal Cooling	F	W	WL	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-75/105-32/1 (DO)	75	ER32	no	67	112	112	80	6000	1:1	-
NGT2-75/105-32/2(DO)	75	ER32	yes	67	112	112	80	6000	1:1	20
NGT2-75/105-32/3(DO)	75	ER32	yes	67	112	112	80	6000	1:1	80
NGT2-75/105-40/1 (DO)	75	ER40	no	67	112	112	80	6000	1:1	-
NGT2-75/105-40/2(DO)	75	ER40	yes	67	112	112	80	6000	1:1	20
NGT2-75/105-40/3(DO)	75	ER40	yes	67	112	112	80	6000	1:1	80

Angular BMT drilling and milling head

Direction of rotation:('),(,'



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-75/205-32/1.3-90(DO)	75	ER32	no	right/left	90	76	104	44	112	80	6000	1:1	-
NGT2-75/205-32/2. 3-90(DO)	75	ER32	yes	right/left	90	76	104	44	112	80	6000	1:1	20
NGT2-75/205-32/3. 3-90(DO)	75	ER32	yes	right/left	90	86	104	44	112	80	6000	1:1	80
NGT2-75/205-32/1.3-110(DO)	75	ER32	no	right/left	110	76	104	44	112	80	6000	1:1	-
NGT2-75/205-32/2.3-110(00)	75	ER32	yes	right/left	110	76	104	44	112	80	6000	1:1	20
NGT2-75/205-32/3.3-110(DO)	75	ER32	yes	right/left	110	86	104	44	112	80	6000	1:1	80
NGT2-75/205-40/1.3-90(DO)	75	ER40	no	right/left	90	76	104	44	112	80	6000	1:1	-
NGT2-75/205-40/2. 3-90(DO)	75	ER40	yes	right/left	90	76	104	44	112	80	6000	1:1	20
NGT2-75/205-40/3. 3-90(DO)	75	ER40	yes	right/left	90	86	104	44	112	80	6000	1:1	80
NGT2-75/205-40/1.3-110(DO)	75	ER40	no	right/left	110	76	104	44	112	80	6000	1:1	-
NGT2-75/205-40/2.3-110(00)	75	ER40	yes	right/left	110	76	104	44	112	80	6000	1:1	20
NGT2-75/205-40/3.3-110(DO)	75	ER40	yes	right/left	110	86	104	44	112	80	6000	1:1	80

HAAS BOT TURRET

HAAS ST-20SS/SSY-HYBRIDVB24

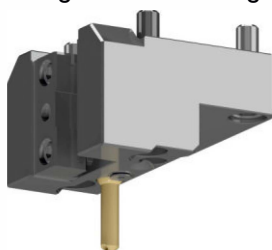
ST-305S/SSY-HYBRIDVB24

DS-305S/SSY-HYBRD VB24

Universal turning holder

NGT OD-20x53(HA)

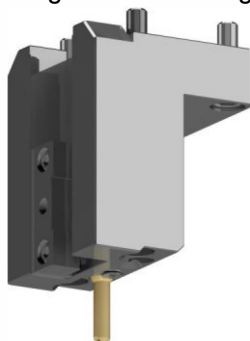
External cooling/Internal cooling 80bar



Universal turning holder

NGT OD-20x110(HA)

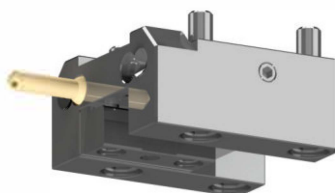
External cooling/ Internal cooling 80bar



Universal turning face holder

NGT F-20x38(HA)

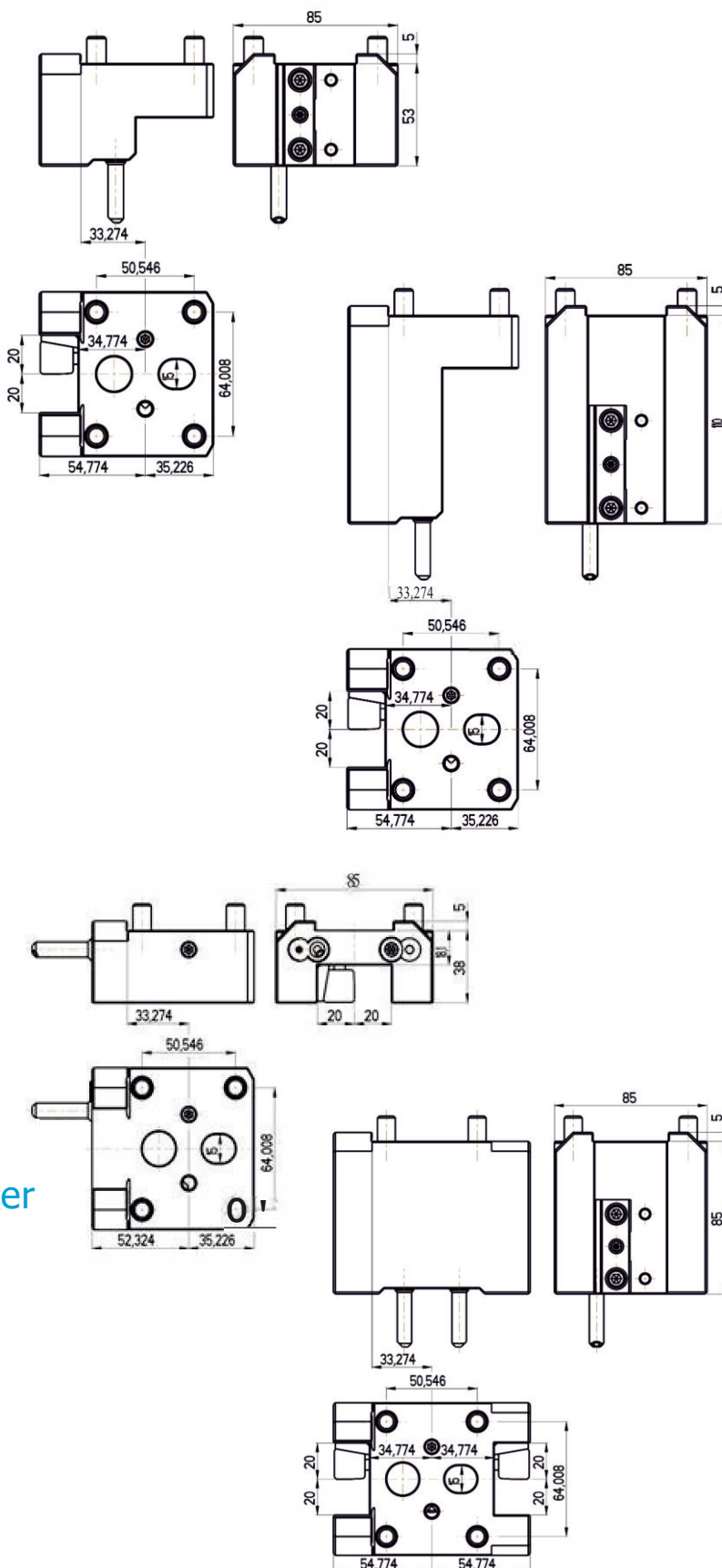
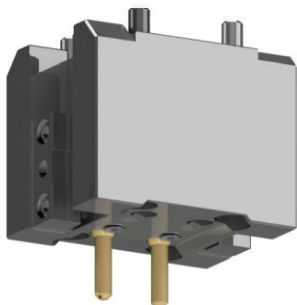
External cooling 80bar



Universal turning double holder

NGT OD-20x85D(HA)

External cooling 80bar

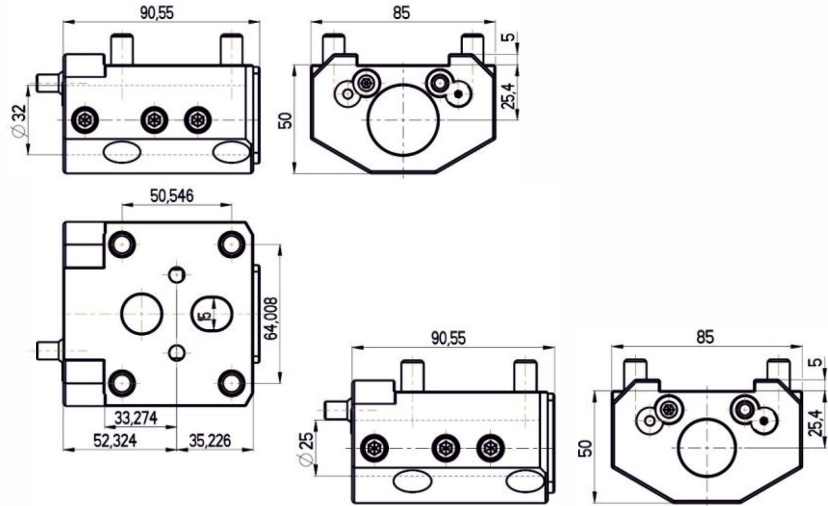
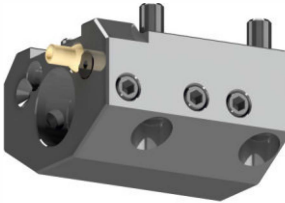


HAAS BOT TURRET

Boring bar holder

NGT ID-32x25.4(HA)

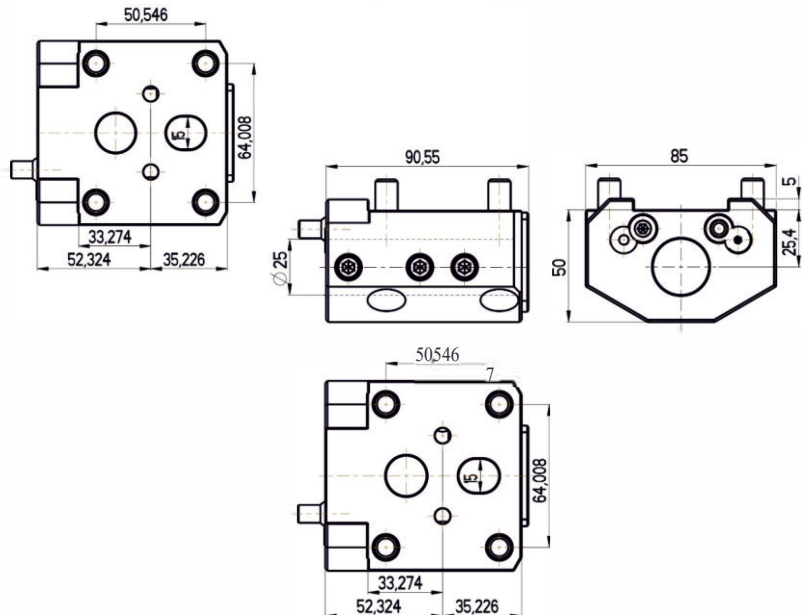
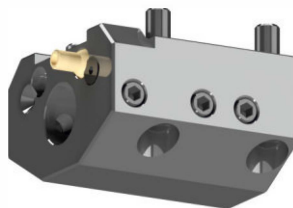
External cooling/Internal cooling 80bar



Boring bar holder

NGT ID-25x25.4(HA)

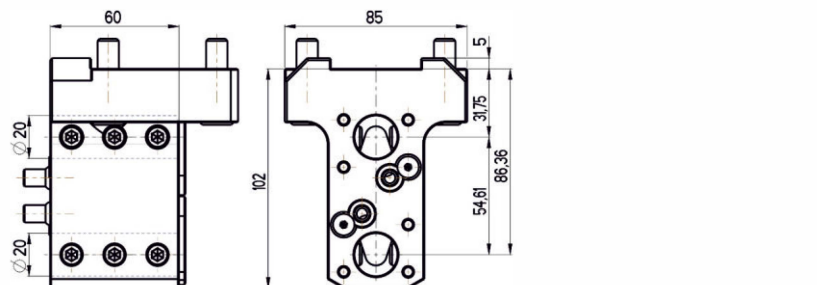
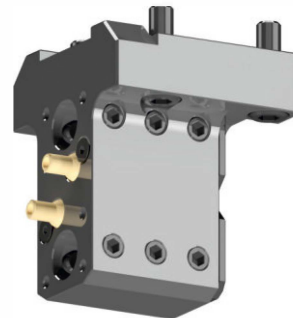
External cooling/Internal cooling 80bar



Boring bar holder

NGT ID-20x31.75/86.36D(HA)

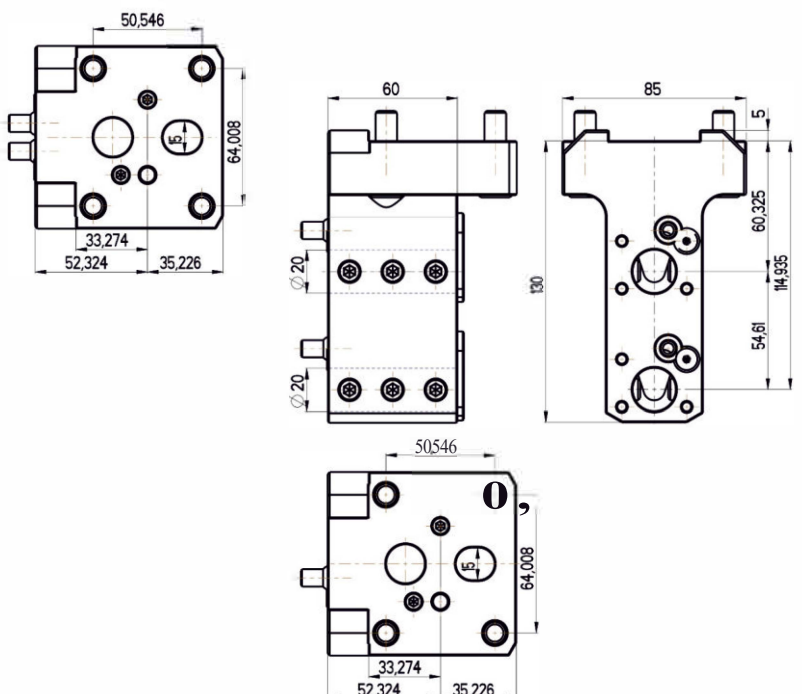
External cooling/Internal cooling 80bar



Boring bar holder

NGT ID-20x60.325/114.935D(HA)

External cooling/Internal cooling 80bar



HAAS BOT TURRET

HAAS

SL-20Y-HYBRIDVB12

SL-30Y-HYBRIDVB12

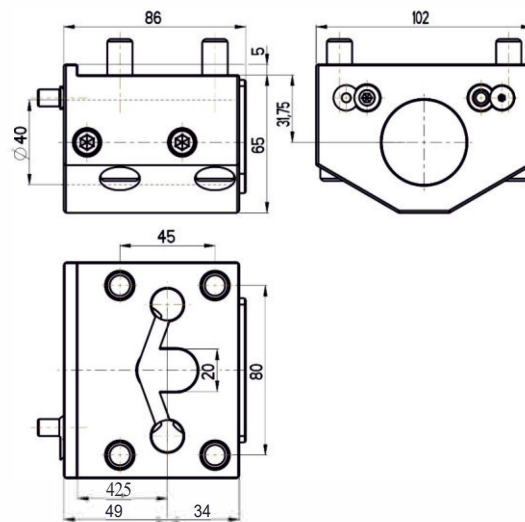
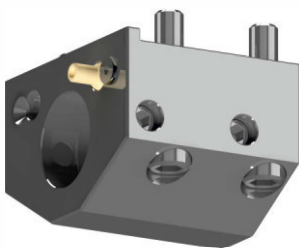
ST-20Y-HYBRIDVB12

ST-30Y-HYBRIDVB12

Boring bar holder

NGT ID-40x31.75(HA)

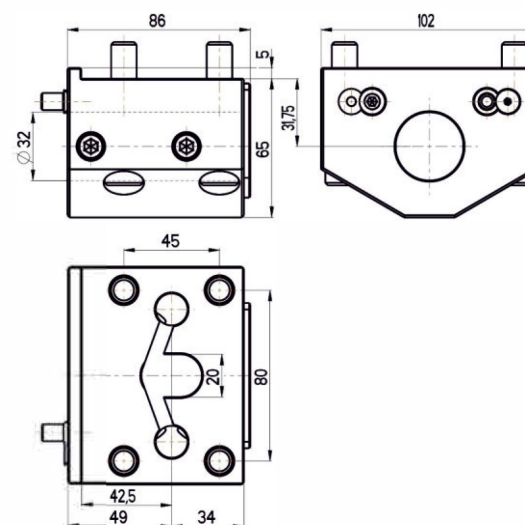
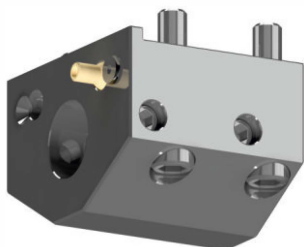
External cooling/ Internal cooling 80bar



Boring bar holder

NGT ID-32x31.75 (HA)

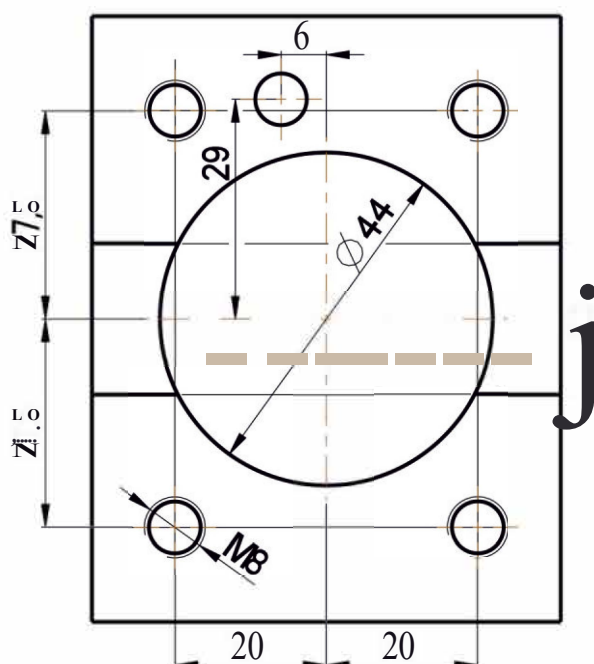
External cooling/ Internal cooling 80bar



NAKAMURA-TOME LIVEAND STATICTOOLHOLDERS BMT44

MURATEC	MT 100 15ST
NAKAMURA-TOME	NTJ100
	NTY3
	SC-100
	Super NTMX/NTMXL
	Super NTY3
	WT-100
	WY-100
	WY-100

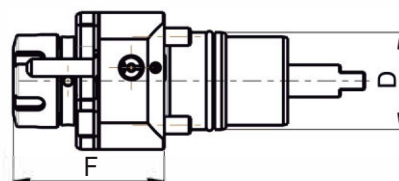
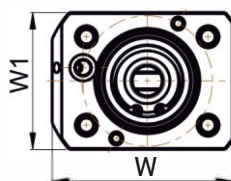
CONNECTION TURRET- NAKAMURA-TOME BMT44



NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT44

Straight BMT drilling and milling head

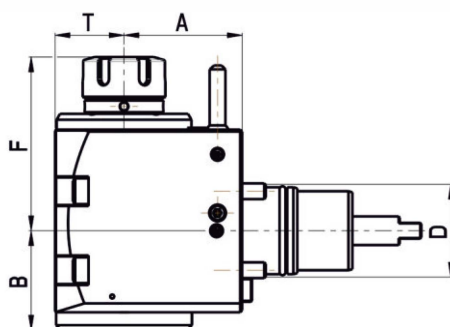
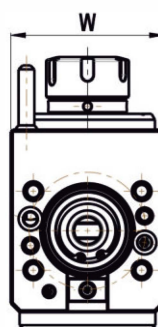
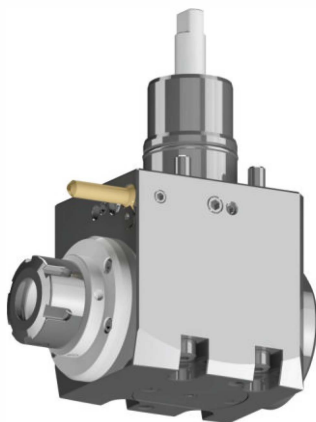
Direction of rotation: (), ('\'



Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGTI-44/101 -25/1 (NT)	44	ER25	no	70	82	62	40	6000	1:1	-
NGTI-44/101 -25/2 (NT)	44	ER25	yes	70	82	62	40	6000	1:1	20

Angular BMT drilling and milling head

Direction of rotation: ('\'



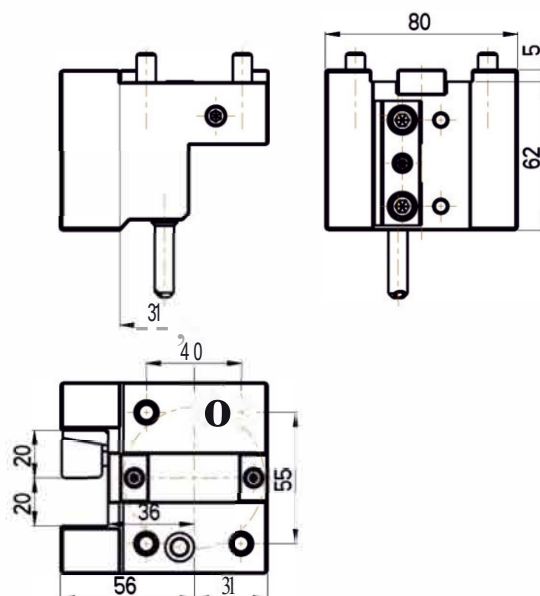
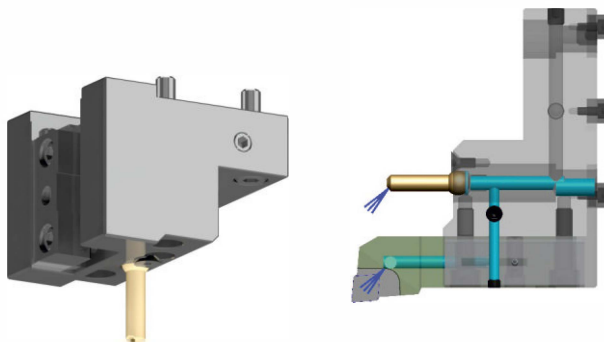
Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-44/201 -25/1.3-60 (NT)	44	ER25	no	right/left	60	50	89	35	78	28	6000	1:1	-
NGTI-44/201 -25/2.3-60 (NT)	44	ER25	yes	right/left	60	50	89	35	78	28	6000	1:1	20
NGTI-44/201 -25/3.3-60 (NT)	44	ER25	yes	right/left	60	61	89	35	78	28	6000	1:1	80
NGTI-44/201 -25/1.3-75 (NT)	44	ER25	no	right/left	75	50	89	35	78	28	6000	1:1	-
NGTI-44/201 -25/2.3-75 (NT)	44	ER25	yes	right/left	76	50	89	35	78	28	6000	1:1	20
NGTI-44/201 -25/3.3-75 (NT)	44	ER25	yes	right/left	75	61	89	35	78	28	6000	1:1	80

NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT44

Universal turning holder

NGT OD-44x20x62(NT)

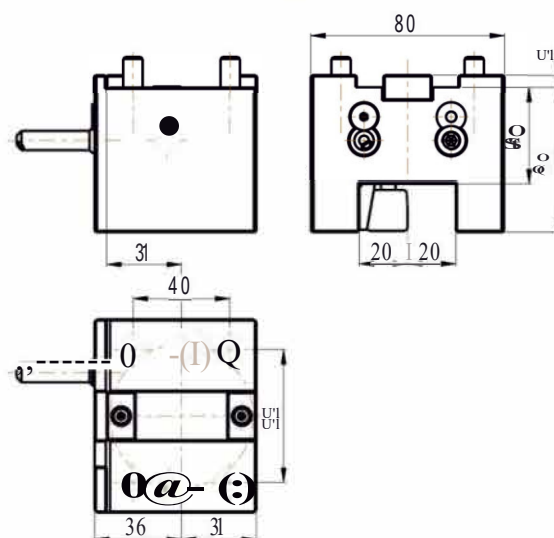
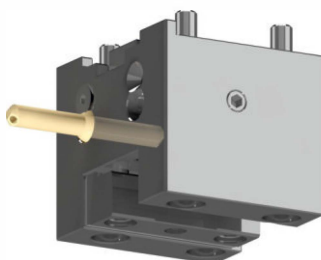
External/Internal **cooling 80bar**



Universal turning face holder

NGT F-44x20x60(NT)

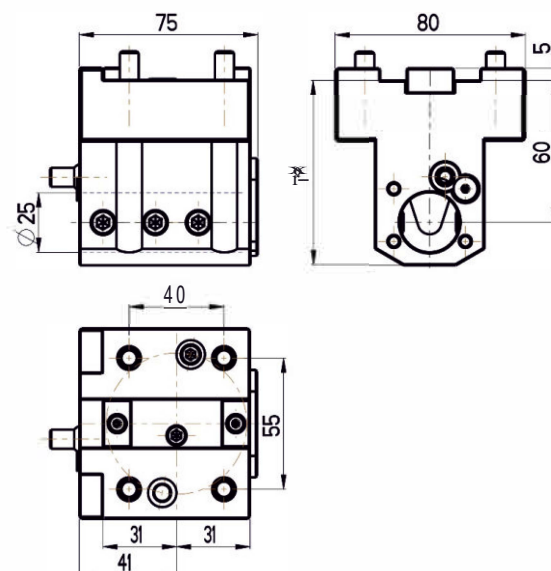
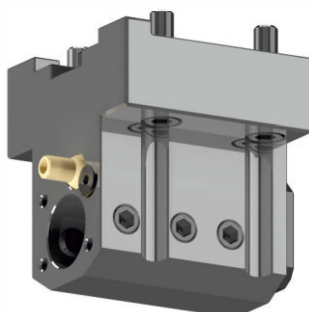
External cooling 80bar



Boring bar holder

NGT ID-44x25x60(NT)

External/ Internal cooling 80bar

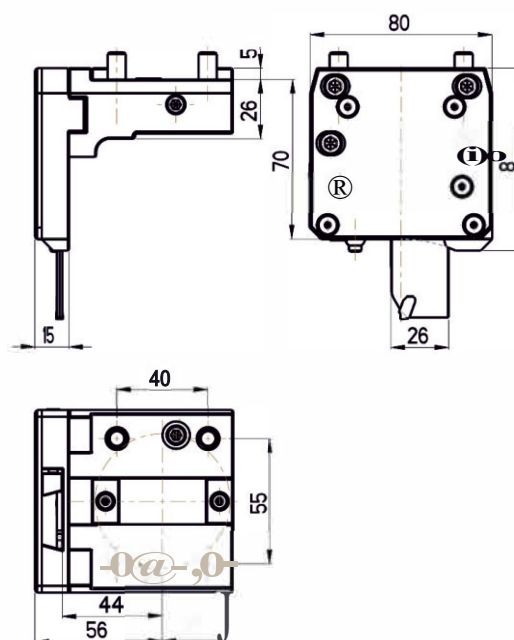


NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT44

Cut off toolholder (right)

NGT CR-44x26(NT)

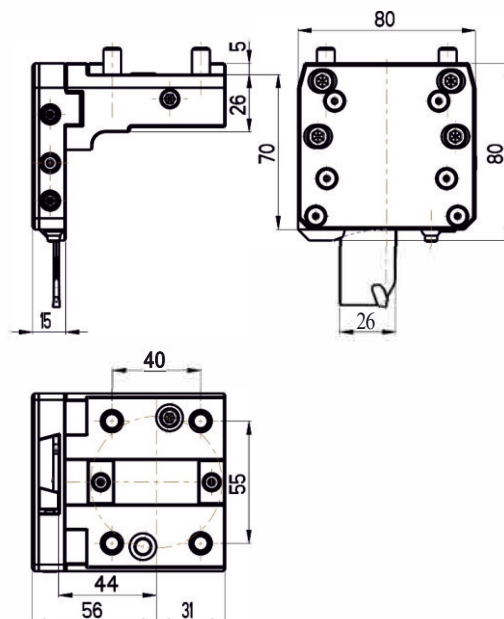
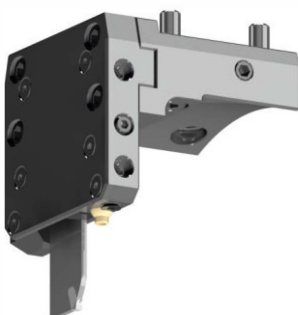
External cooling



Cut off toolholder (left)

NGT CL-44x26(NT)

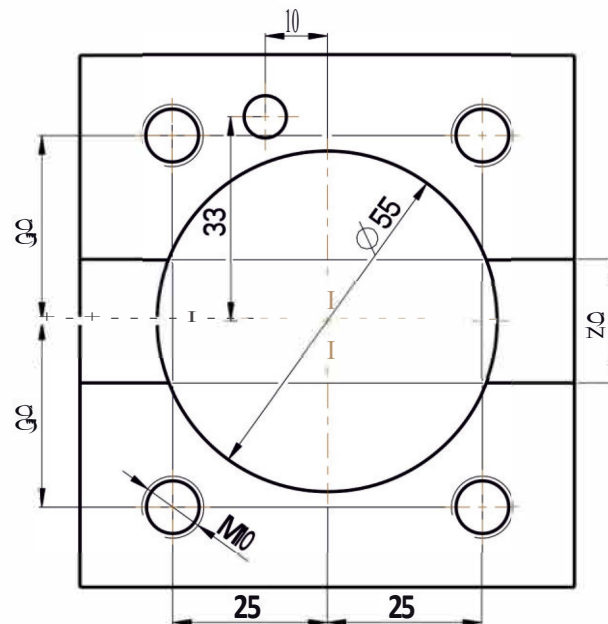
External cooling



NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT55

CMZ	TA 15-30, TD 15-55 M/MS/Y/YS (15 ST)
	TA 2400, 640, 1100 (15 ST)
	TTL 52/66
	TX52/66
EUROTECH	TA 15-30, TD 15-55 M/MS/Y/YS (15 ST)
	TTL 52/66
MURATEC	MT100B
NAKAMURA-TOME	AS-200
	NTJ
	NTMB
	SC-150M
	SC-200M
	SC-250 M
	SUPERNTJ
	TW-10
	TW-20 (16 ST)
	WT-150
	WT-20-11 M/MY
	WT-250
	WTS-150
	WTW-150
	WY-250

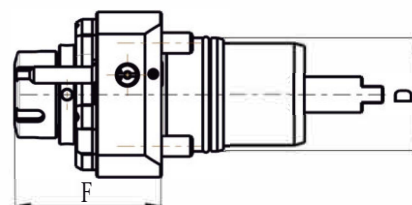
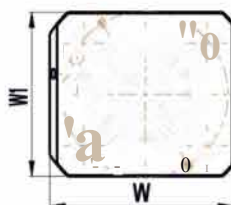
CONNECTION TURRET- NAKAMURA-TOME BMT 55



NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT55

Straight BMT drilling and milling head

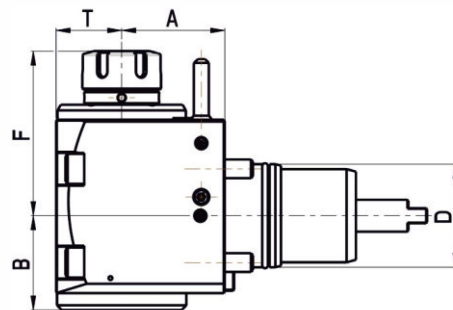
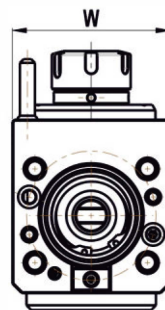
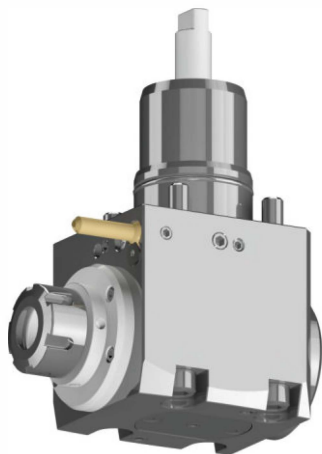
Direction of rotation: 



Code	D	Tool grip	Internal Cooling	F	W	WI	Torque [Nm]	Speed	Ratio	p [bar]
NGTI-55/101-25/1 (NT)	55	ER25	no	71	89.5	80	50	6000	1: 1	-
NGTI-55/101-25/2(NT)	55	ER25	yes	71	89.5	80	50	6000	1: 1	20
NGTI-55/101-32/1 (NT)	55	ER32	no	74	89,5	80	50	6000	1: 1	-
NGTI-55/101-32/2(NT)	55	ER32	yes	74	89,5	80	50	6000	1: 1	20

Angular BMT drilling and milling head

Direction of rotation: 



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGTI-55/201 -25/1.3 -55(NT)	55	ER25	no	right/left	55	50.3	89	35	84	28	6000	1: 1	-
NGTI-55/201 -25/2.3 -55(NT)	55	ER25	yes	right/left	55	50.3	89	35	84	28	6000	1: 1	20
NGTI-55/201 -25/3.3 -55(NT)	55	ER25	yes	right/left	55	61	89	35	84	28	6000	1: 1	20

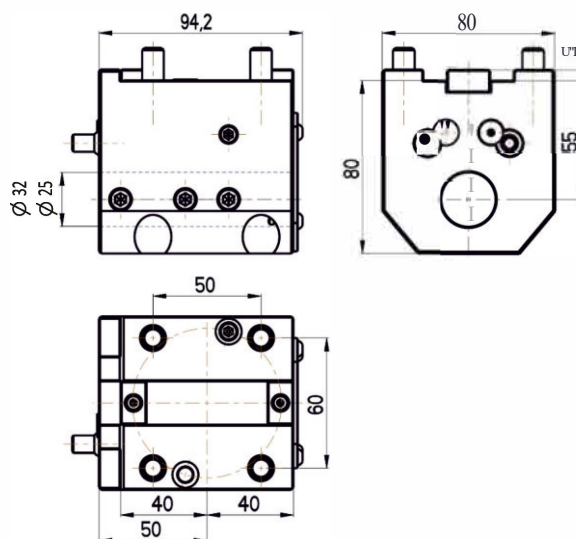
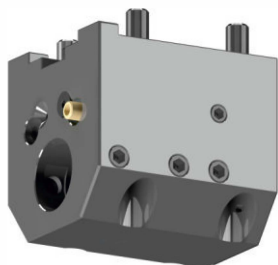
NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT55

Boring bar holder

NGT ID-55x32x55S(NT)

NGT ID-55x25x55S(NT)

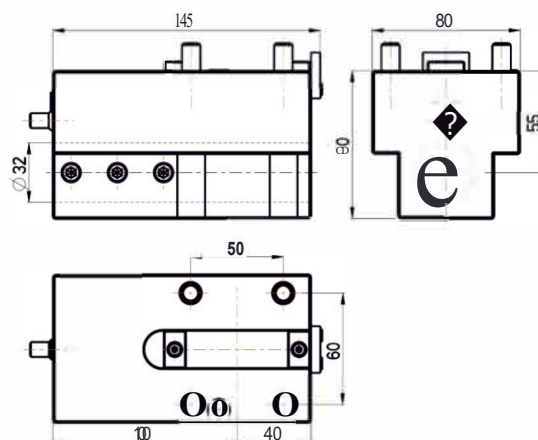
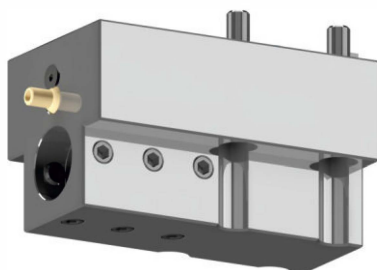
External/ Internal cooling 80bar



Extended boring bar holder

NGT ID-55x32x55(NT)

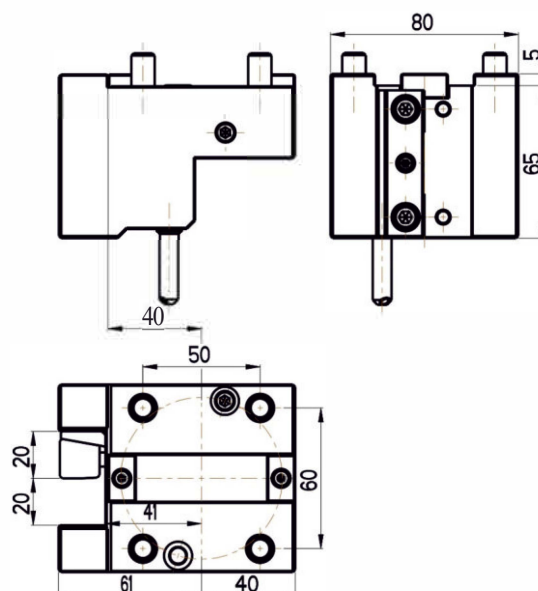
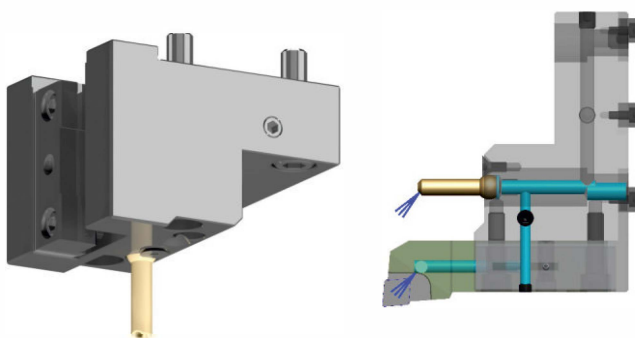
External cooling 80bar



Universal turning holder

NGT OD-55x20x65(NT)

External/Internal cooling 80bar

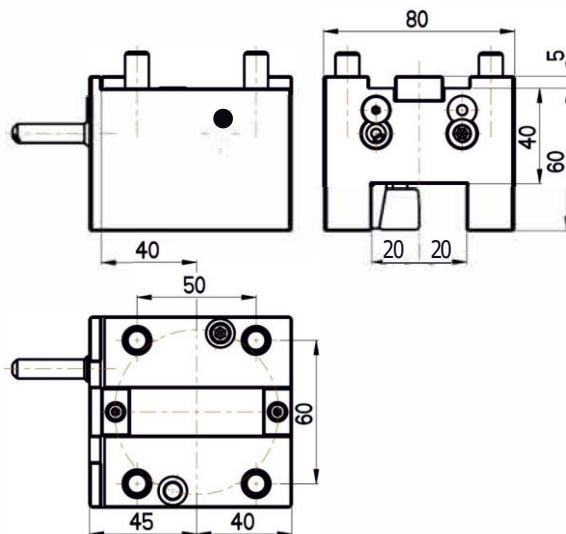
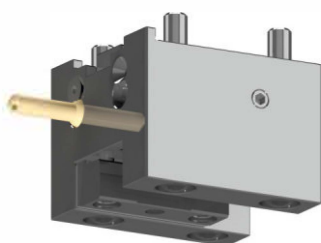


NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT55

Universal turning face holder

NGT F-55x20x60(NT)

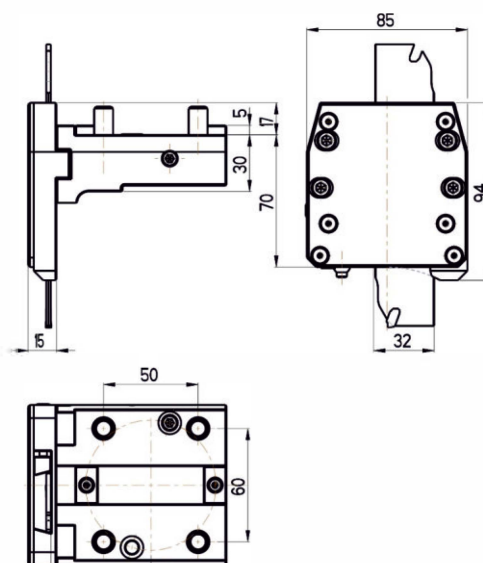
External cooling 80bar



Cut off toolholder (right)

NGT CR-55x32(NT)

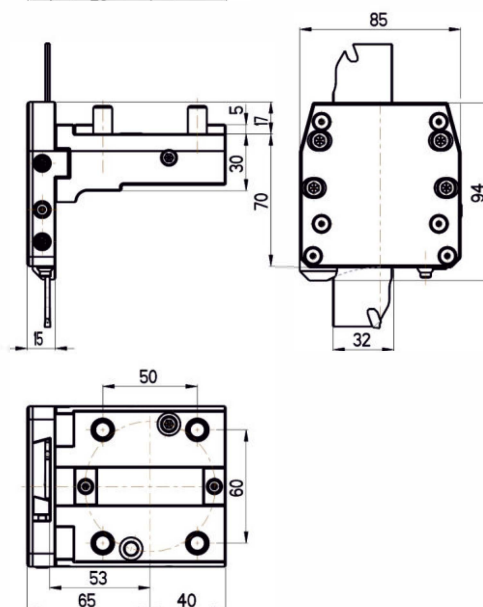
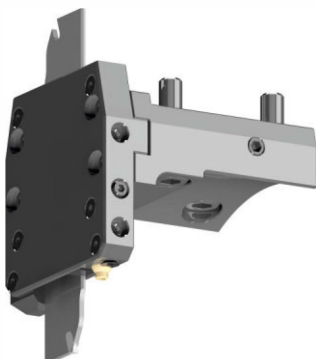
External cooling



Cut off toolholder (left)

NGT CL-55x32(NT)

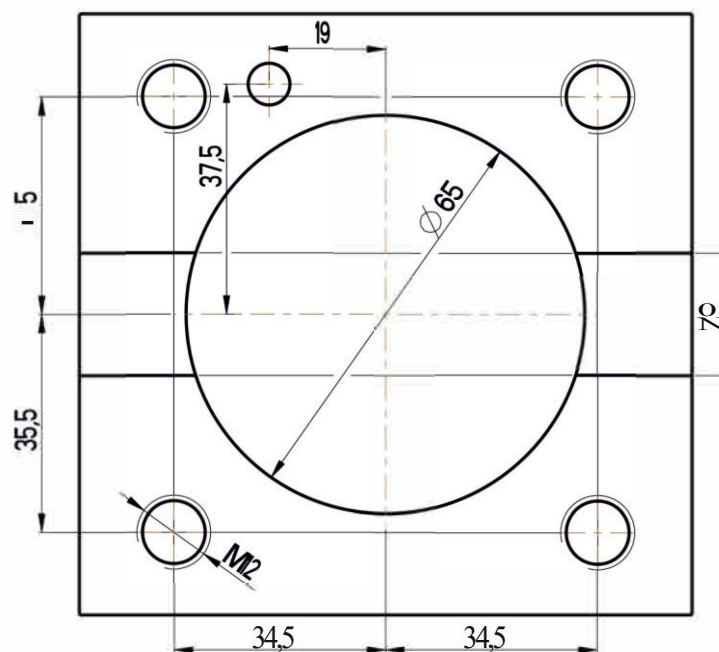
External cooling



NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT65

AVEREX	MTX1-76 SY1, MTX2-76 SY7
CHIAH CHYUN	CT1/2/3-52/65 YM/Y2M(S)
GANESH	GENTURN 52/78 TTMV, 78 MSY
MC MACHINERY	LT1/2/3-52/76 YM/Y2M
NAKAMURA-TOME	SC-300 M
	SUPER NTX
	TW-20 (12 ST)
	TW-30 (16 ST)
	WT-300

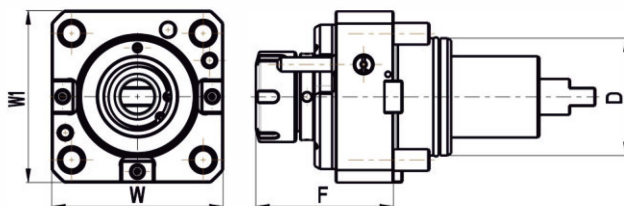
CONNECTION TURRET- NAKAMURA-TOME BMT65



NAKAMURA-TOME LIVEANDSTATICTOOLHOLDERSBMT65

Straight BMT drilling and milling head

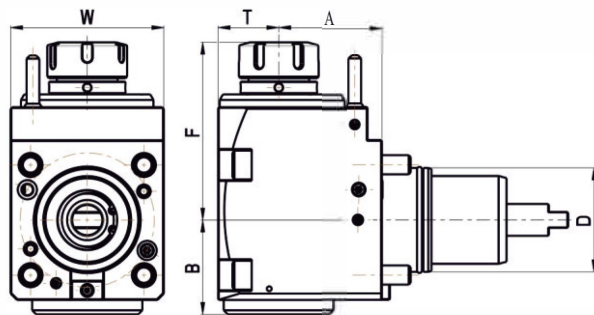
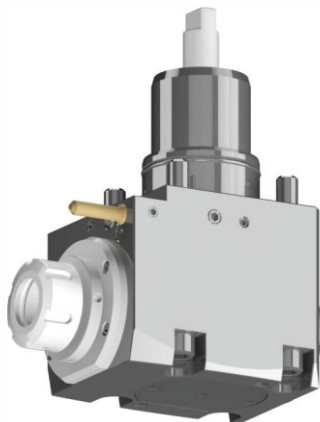
Direction of rotation: 



Code	D	Tool grip	Internal Cooling	F	W	WL	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGTI-65/101 -32/1(NT)	65	ER32	no	76	96	96	70	6000	1:1	-
NGTI-65/101 -32/2(NT)	65	ER32	yes	76	96	96	70	6000	1:1	20
NGTI-65/101 -25/1(NT)	65	ER25	no	73	96	96	70	6000	1:1	-
NGTI-65/101 -25/2(NT)	65	ER25	yes	73	96	96	70	6000	1:1	20

Angular BMT drilling and milling head

Direction of rotation: 



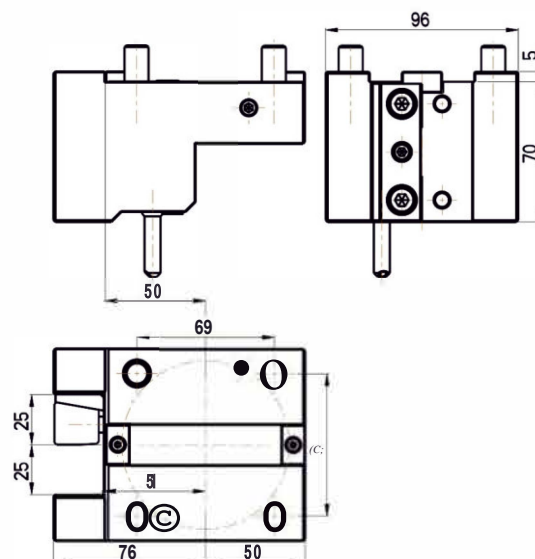
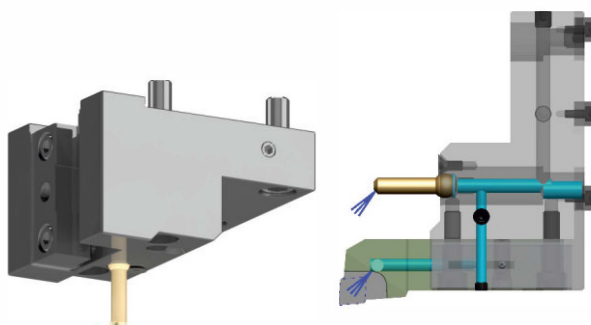
Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGTI-65/201 -32/1.3 -65(NT)	65	ER32	no	right/left	65	59	111	38	96	70	6000	1: 1	-
NGTI-65/201 -32/2.3 -65(NT)	65	ER32	yes	right/left	65	59	111	38	96	70	6000	1: 1	20
NGTI-65/201 -25/1.3 -65(NT)	65	ER25	no	right/left	65	59	108	38	96	70	6000	1: 1	-
NGTI-65/201 -25/2.3 -65(NT)	65	ER25	yes	right/left	65	59	108	38	96	70	6000	1: 1	20
NGTI-65/201 -25/3.3 -65(NT)	65	ER25	yes	right/left	65	70	108	38	96	70	6000	1; 1	80
NGTI-65/201 -32/3.3 -65(NT)	65	ER25	yes	right/left	65	70	111	38	96	70	6000	1: 1	80

NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT65

Universal turning holder

NGT OD-65x25x70(NT)

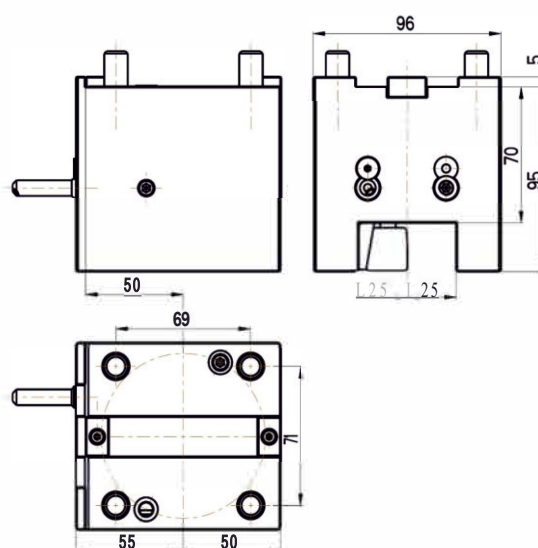
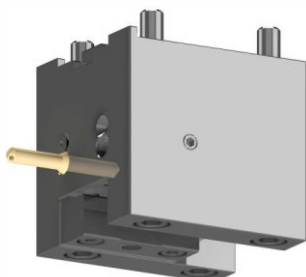
External/Internal **cooling 80bar**



Universal turning face holder

NGT F-65x25x95(NT)

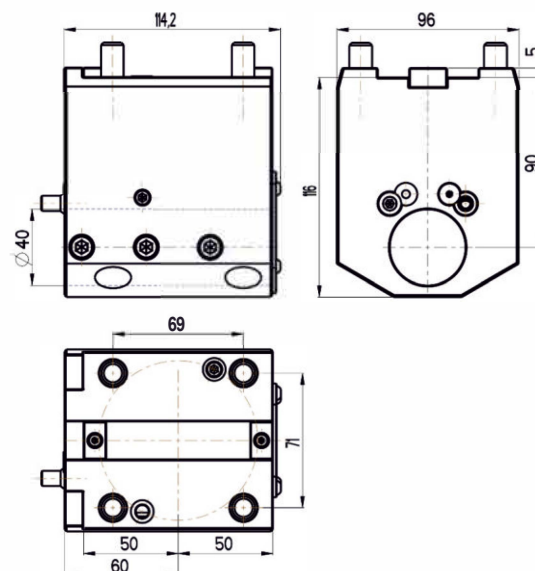
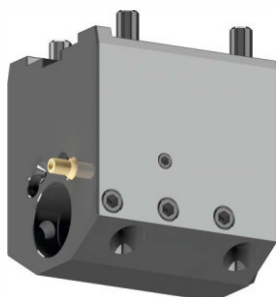
External cooling 80bar



Boring bar holder

NGT ID-65x40x90(NT)

External/Internal cooling 80bar

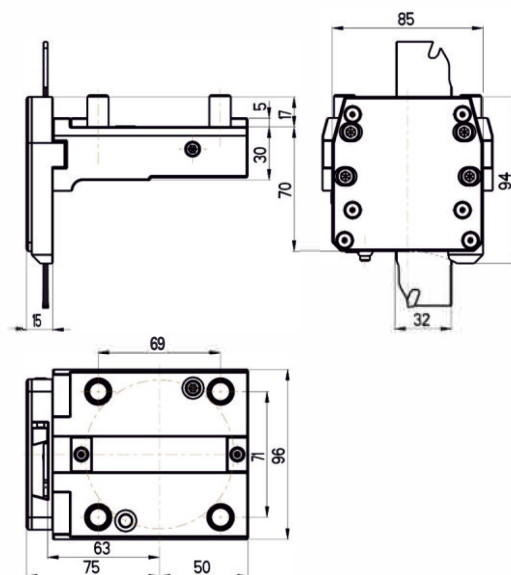
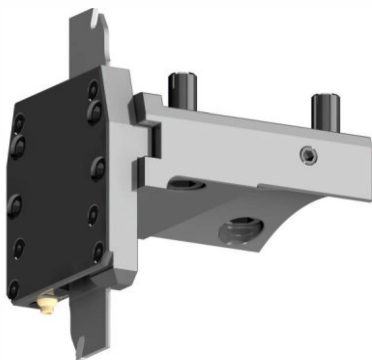


NAKAMURA-TOME LIVE AND STATIC TOOLHOLDERS BMT65

Cut off toolholder (right)

NGT CR-65x32(NT)

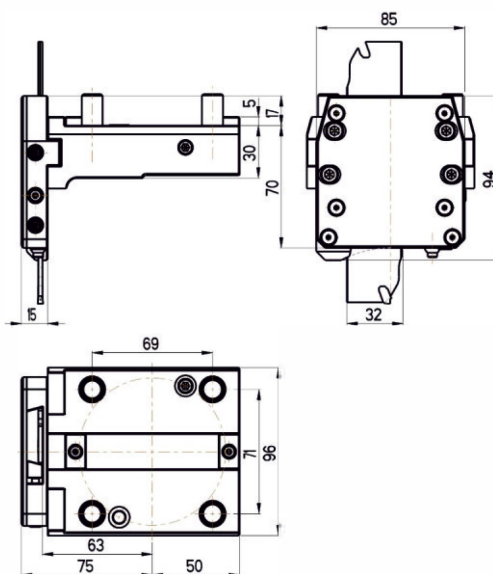
External cooling



Cut off toolholder (left)

NGT CL-65x32(NT)

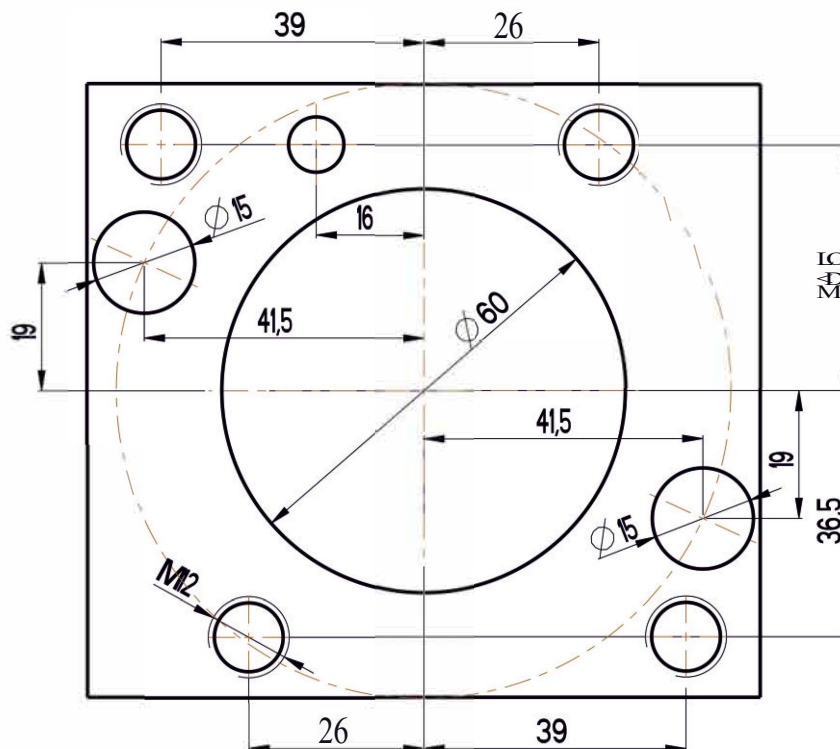
External cooling



OKUMA LIVE AND STATIC TOOLHOLDERS BMT60

OKUMA	GENOS L300 MW
	GENOS L3000 E-M
	LB 2000 EXM
	LB 2500 EXM
	LB 3000 EXM
	LU 2000 EX M/MY
	LU 2500 EX M/MY
	LU 3000 EX M/MY

CONNECTION TURRET - OKUMA BMT60

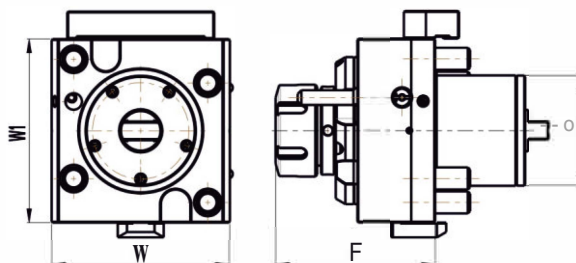


OKUMA LIVE AND STATIC TOOLHOLDERS BMT60

Straight BMT drilling and milling head

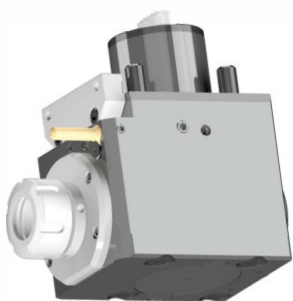


Direction of rotation: ('('\,

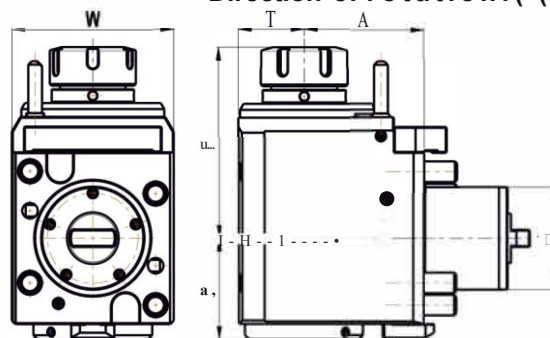


Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGTI-60/101 -32/1(JA)	60	ER32	no	87	97	100	70	6000	1:1	-
NGTI-60/101 -32/2(JA)	60	ER32	yes	87	97	100	70	6000	1:1	20

Angular BMT drilling and milling head

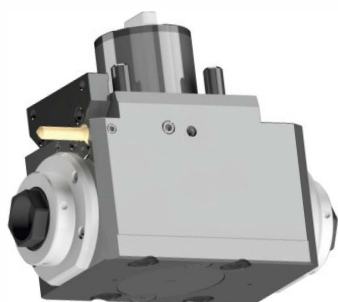


Direction of rotation: ('('

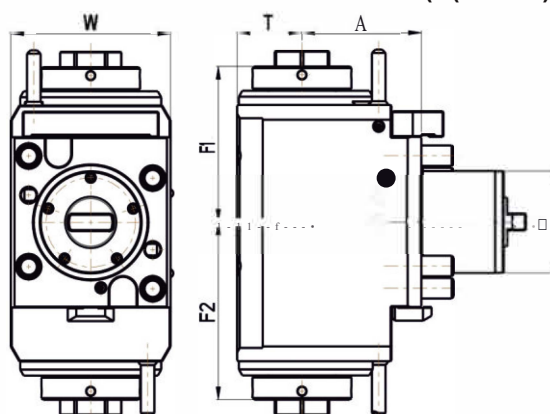


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGTI-60/201 -32/1.3-70(JA)	60	ER32	no	right/left	70	59	111	38	94	70	6000	1:1	-
NGTI-60/201 -32/2.3-70(JA)	60	ER32	yes	right/left	70	59	111	38	94	70	6000	1:1	20
NGTI-60/201 -32/3.3-70(JA)	60	ER32	yes	right/left	70	70	111	38	94	70	6000	1:1	80

Double angular BMT drilling and milling head



Direction of rotation: (\(\ / +)



Code	D	Tool grip	Internal Cooling	Direction	A	F1	F2	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGTI-60/201 -32D/1.3 -70(JA)	60	ER32	no	right/left	70	91	104	38	94	70	6000	1:1	-
NGTI-60/201 -32D/2.3-70(JA)	60	ER32	yes	right/left	70	91	104	38	94	70	6000	1:1	20

OKUMA

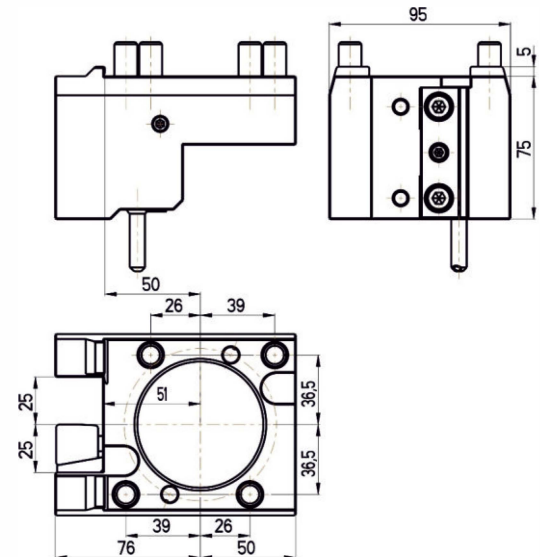
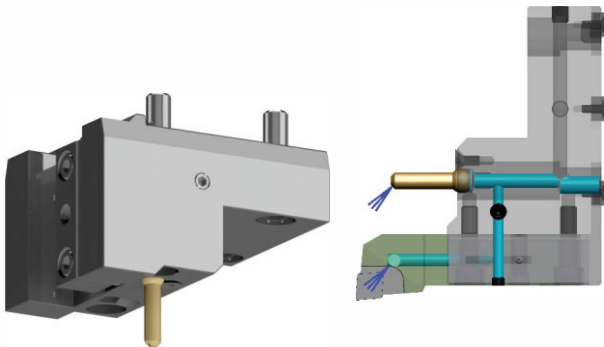
LIVE AND STATIC TOOLHOLDERS

BMT60

Universal turning holder

NGT OD-60x25x75(JA)

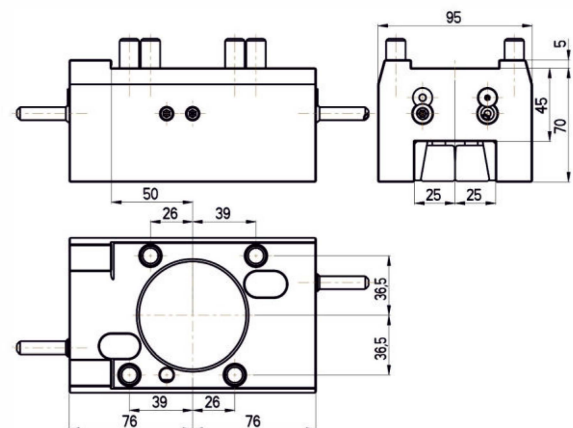
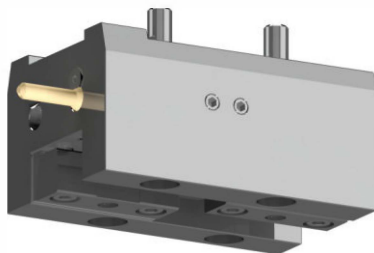
External/Internal cooling 80bar



Universal turning face double holder

NGT F-60x25x70D(JA)

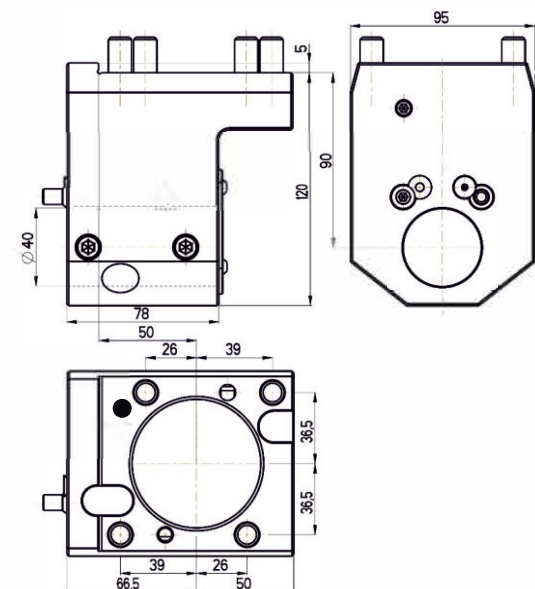
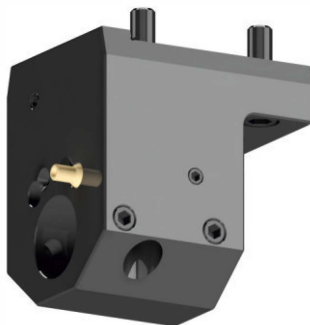
External cooling 80bar



Boring bar holder

NGT ID-60x40x90(JA)

External/Internal cooling 80bar



OKUMA

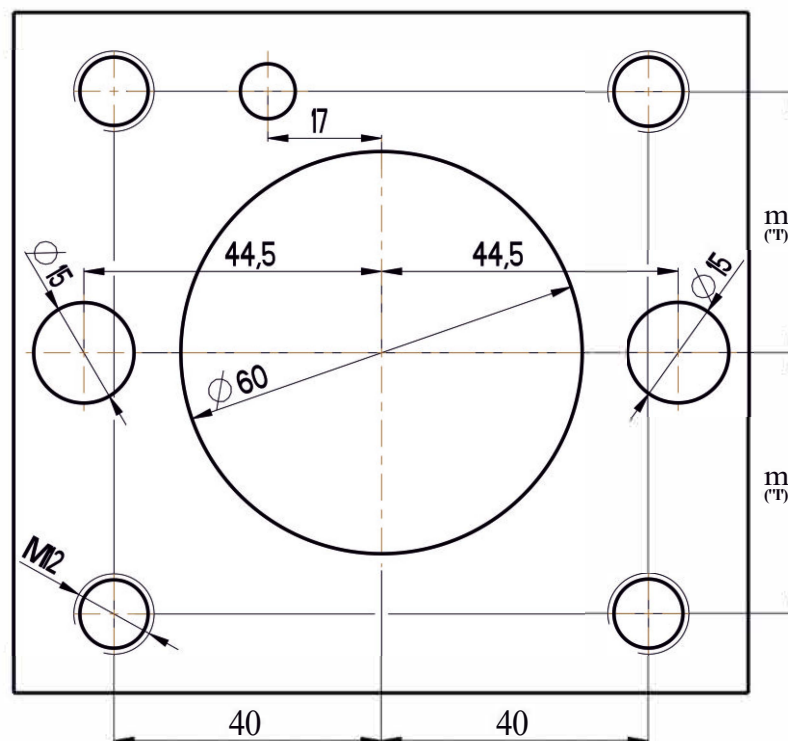
LIVE AND STATIC TOOLHOLDERS

BMT60

OKUMA

LB 4000 EX M

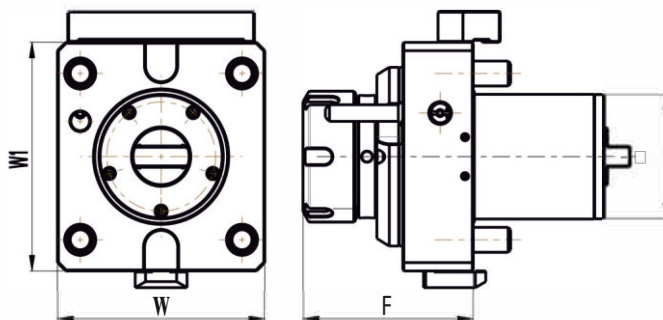
CONNECTION TURRET - OKUMABMT60



OKUMA LIVE AND STATIC TOOLHOLDERS BMT60

Straight BMT drilling and milling head

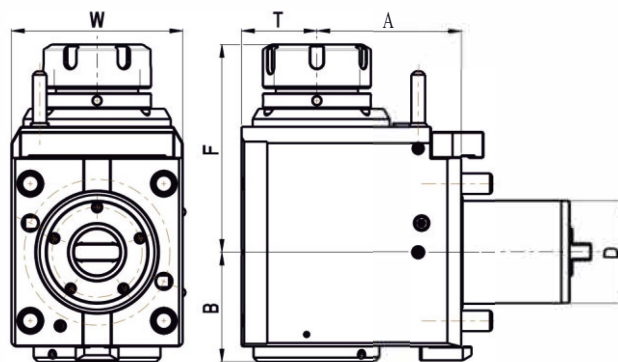
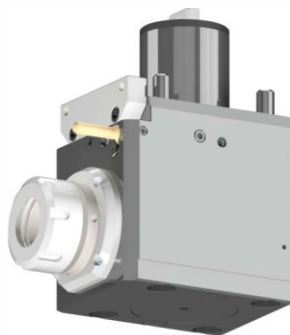
Direction of rotation: (), (\



Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT2-60/101-40/1(JB)	60	ER40	no	82	100	110	80	6000	1:1	-
NGT2-60/101-40/2(JB)	60	ER40	yes	82	100	110	80	6000	1:1	20

Angular BMT drilling and milling head

Direction of rotation: (\



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-60/201-40/1.3-85(JB)	60	ER40	no	right/left	85	64	121	44	100	80	6000	1:1	-
NGT2-60/201-40/2.3-85(JB)	60	ER40	yes	right/left	85	64	121	44	100	80	6000	1:1	20
NGT2-60/201-40/3.3-85(JB)	60	ER40	yes	right/left	85	75	121	44	100	80	6000	1:1	80

OKUMA

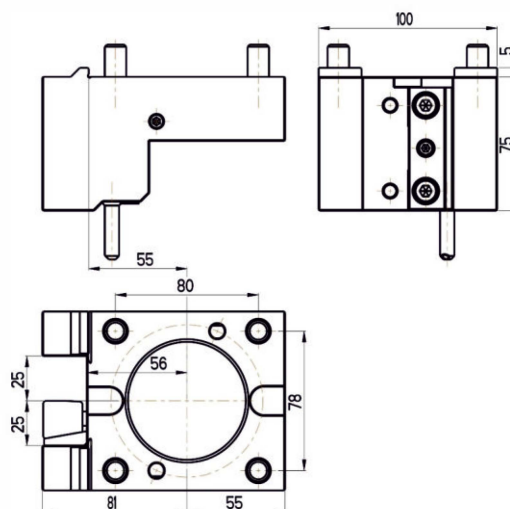
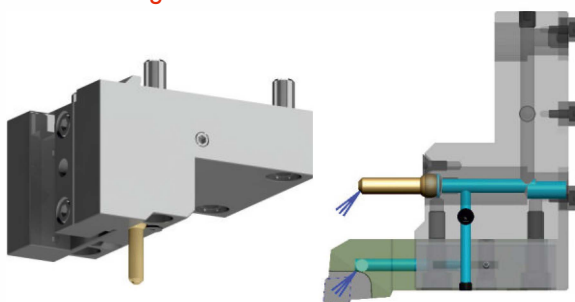
LIVE AND STATIC TOOLHOLDERS

BMT60

Universal turning holder

NGT OD-60x25x75(JB)

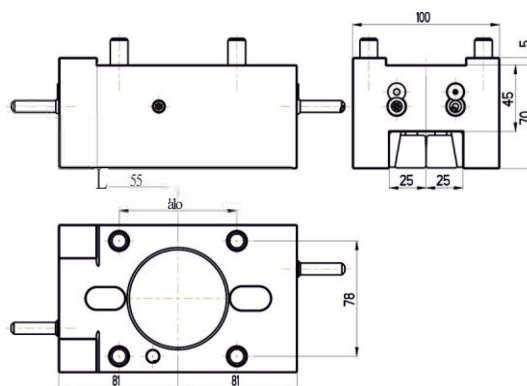
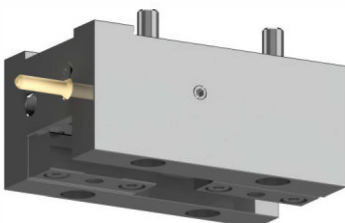
External/Internal cooling 80 bar



Universal turning face double holder

NGT F-60x25x70D(JB)

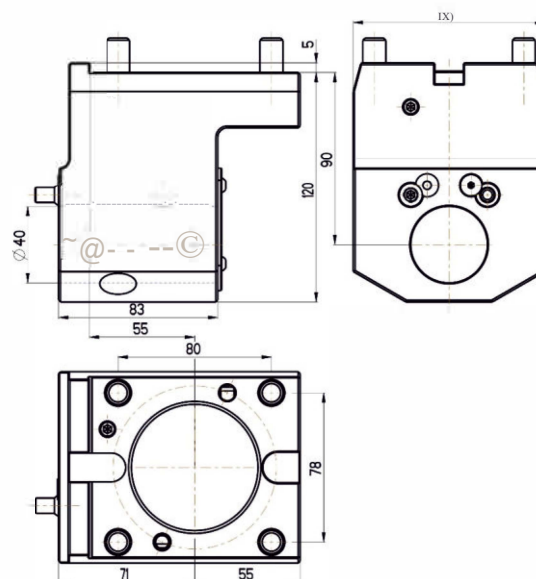
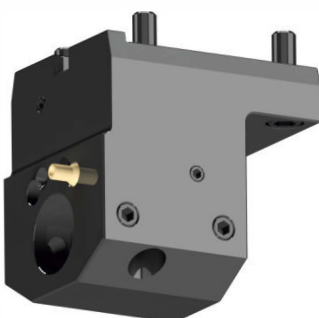
External cooling 80bar



Boring bar holder

NGT ID-60x40x90(JB)

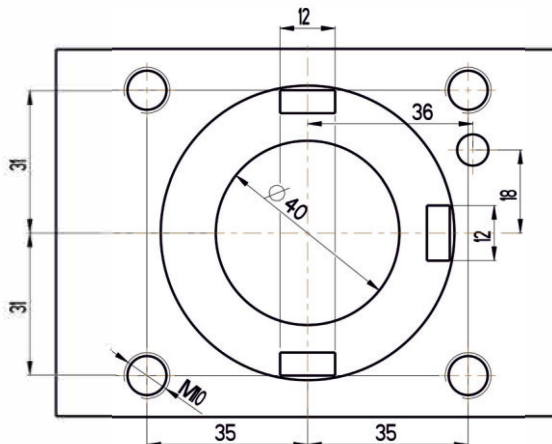
External/Internal cooling 80bar



MORI SEIKI LIVEANDSTATICTOOLHOLDERS BMT40

ACCUWAY	UT-200 Y/SY(BMT)
	UT-2000 T2M (BMT)
	UZ-2000 (BMT)
DMG MORI/ GILDEMEISTER	CLX 450 BMT
	CTX 310 BMT
GANESH	ASL-8/10/78M(S)Y, ASL-52 TTMV
MORI SEIKI	ALX-1500
	ALX-2000
	ALX-2500
	DURATURN 2050 MC
	DURATURN 2550 MC
	NL-1500 205T
	NL-2000 205T
	NL-2500 205T
	NLX-1500 205T
	NLX-2000 205T
	NLX-2500 205T
	NRX-2000 MC
	NT-3100/3200
	NTX-1000
	NTX-1500
	NTX-2000
	NTX-2500
	NZ-1500
	NZ-2000
	NZX-1500/800
	NZX-2000 205T
	NZX-2000 205T
TAKISAWA	TM-2000 Y2/T12
	TS-2000 -5000 20ST

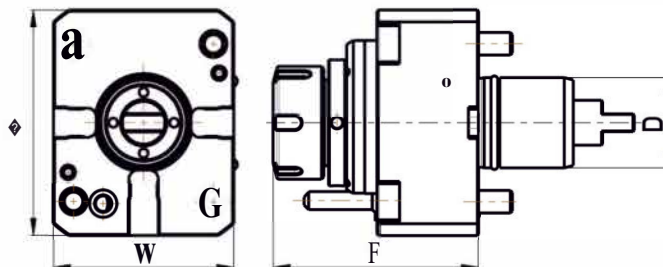
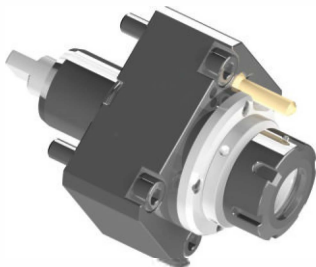
CONNECTION TURRET - MORI SEIKI BMT40



MORI SEIKI LIVE TOOLHOLDERS BMT40

Straight BMT drilling and milling head

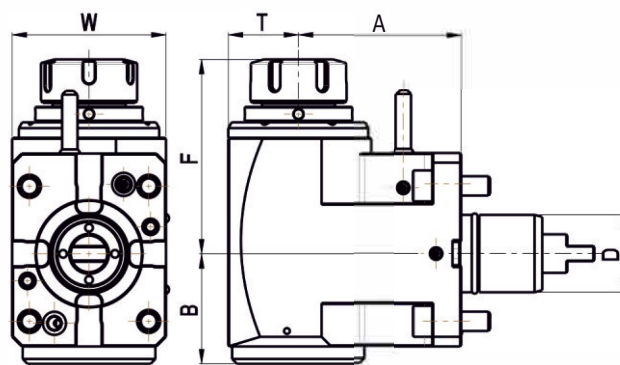
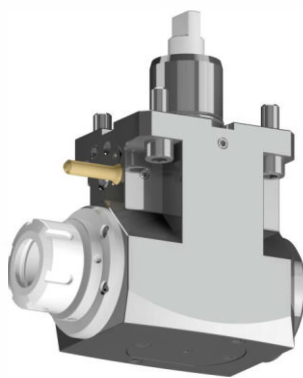
Direction of rotation: (), (\)



Code	D	Tool grip	Internal Cooling	F	W	WI	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT2-40/101-32/1-12K(MS)	40	ER32	no	91	80	100	50	12000	1: 1	-
NGTI-40/101-32/2(MS)	40	ER32	yes	91	80	100	50	6000	1: 1	20
NGT2-40/101-25/1-12K(MS)	40	ER25	no	88	80	100	50	12000	1: 1	-
NGT2-40/101-25/2(MS)	40	ER25	yes	88	80	100	50	6000	1: 1	20

Angular BMT drilling and milling head

Direction of rotation: (\)

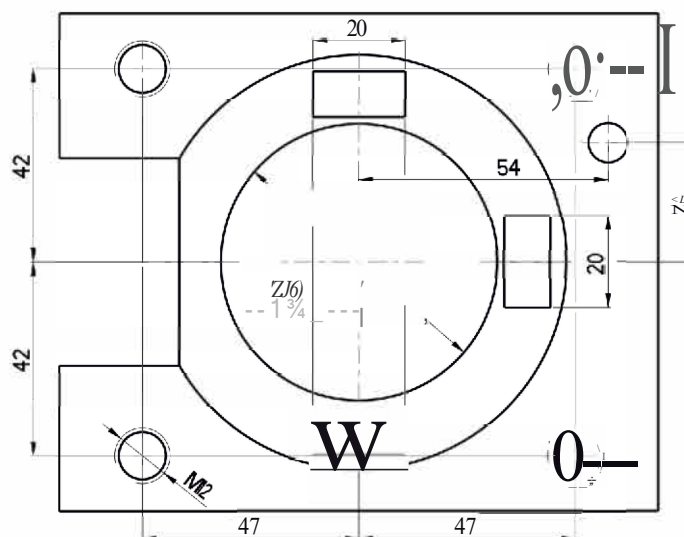


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT2-40/201-32/1.3-85(MS)	40	ER32	no	right/left	85	57	101	36,5	80	50	6000	1: 1	-
NGT2-40/201-32/2.3-85(MS)	40	ER32	yes	right/left	85	57	101	36,5	80	50	6000	1: 1	20
NGT2-40/201-32/3.3-85(MS)	40	ER32	yes	right/left	85	68	101	36,5	80	50	6000	1: 1	80

MORI SEIKI LIVEANDSTATICTOOLHOLDERS BMT60

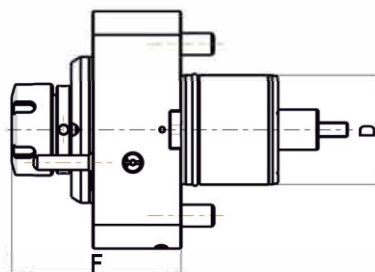
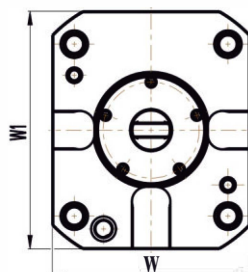
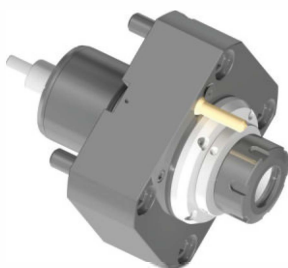
FOCUS CNC	FNL/FBL-250Y/SY (12ST, BMT60)
MORI SEIKI	NL-1500
	NL-2000
	NL-2500
	NL-3000
	NLX-1500
	NLX-2000
	NLX-2500
	NLX-3000
	NLX-4000
	NT-3250 DCG / HSC
	NT-4200
	NT-4250
	NT-4300
	NT-5400
	NZL-2500
	NZX-2500
MTRENT	MTCUT T25/32 Y/SY
TAKISAWA	TS3000 Y/YS 12ST
	TS4000 Y/YS 12ST
	TS5000 Y/YS 12ST

CONNECTION TURRET - MORI SEIKI BMT60



MORI SEIKI LIVE TOOLHOLDERS BMT60

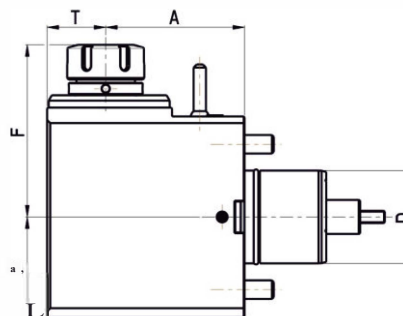
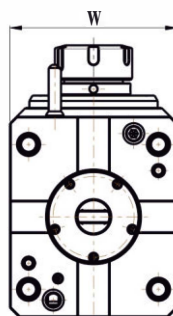
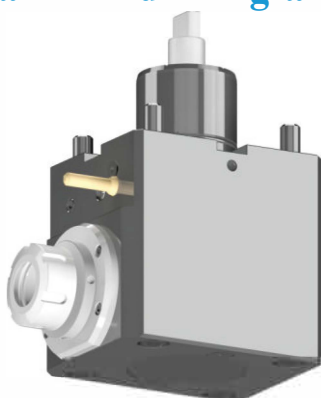
Straight BMTdrilling and milling head



Direction of rotation: (' \.

Code	D	Tool grip	Internal Cooling	F	W	WI	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-60/101-32/1 (MS)	60	ER32	no	93	108	130	70	6000	1: 1	-
NGT2-60/101-32/2(MS)	60	ER32	yes	93	108	130	70	6000	1: 1	20
NGT2-60/101-32/1-12K(MS)	60	ER32	no	93	108	130	70	12000	1: 1	-

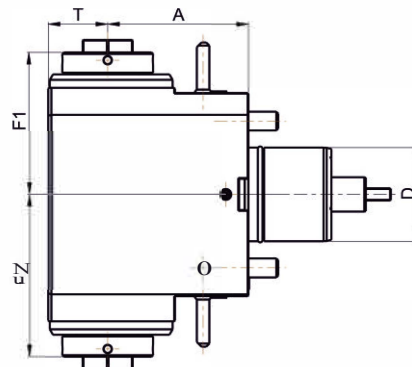
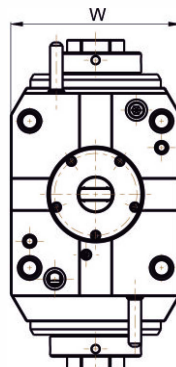
Angular BMTdrilling and milling head



Direction of rotation: (\ \.

Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT2-60/201-32/1.3-90(MS)	60	ER32	no	right/left	90	65	111	38	108	70	6000	1: 1	-
NGT2-60/201-32/2.3-90(MS)	60	ER32	yes	right/left	90	65	111	38	108	70	6000	1: 1	20
NGT2-60/201-32/3.3-90(MS)	60	ER32	yes	right/left	90	70	111	38	108	70	6000	1: 1	80

Double angular BMTdrilling and milling head



Direction of rotation: (' (\ \.f)

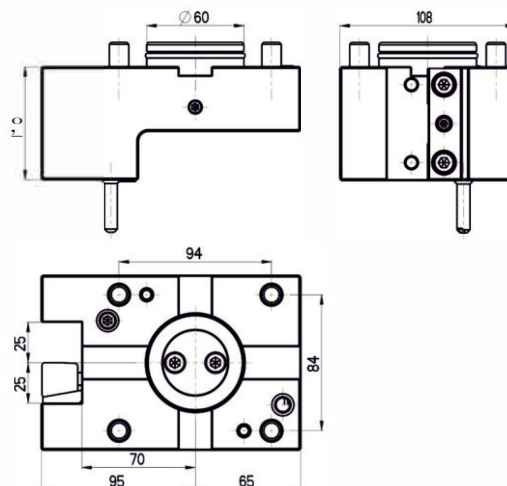
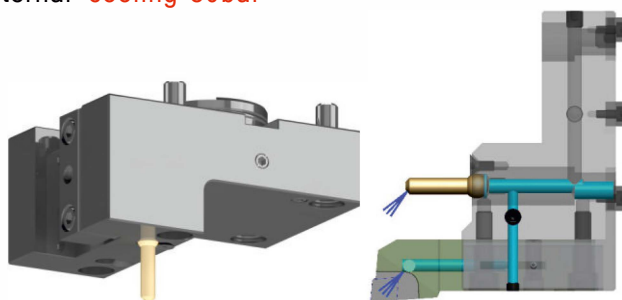
Code	D	Tool grip	Internal Cooling	Direction	A	F1	F2	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-60/205-32D/1.3-90(MS)	60	ER32	no	right/left	90	91	103	38	108	70	6000	1: 1	-
NGT2-60/205-32D/2.3-90(MS)	60	ER32	yes	right/left	90	91	103	38	108	70	6000	1: 1	20

MORI SEIKI LIVE TOOLHOLDERS BMT60

Universal turning holder

NGT OD-60x25x70(MS)

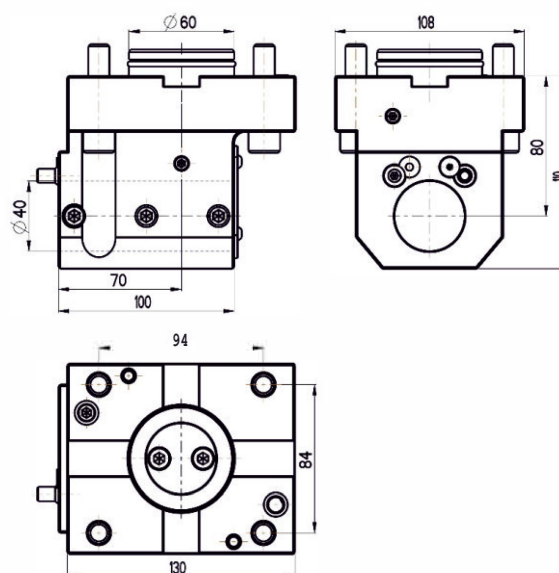
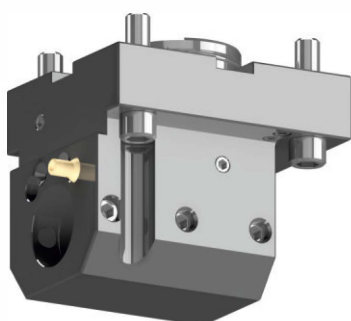
External/Internal cooling 80bar



Boring bar holder

NGT ID-60x40x80(MS)

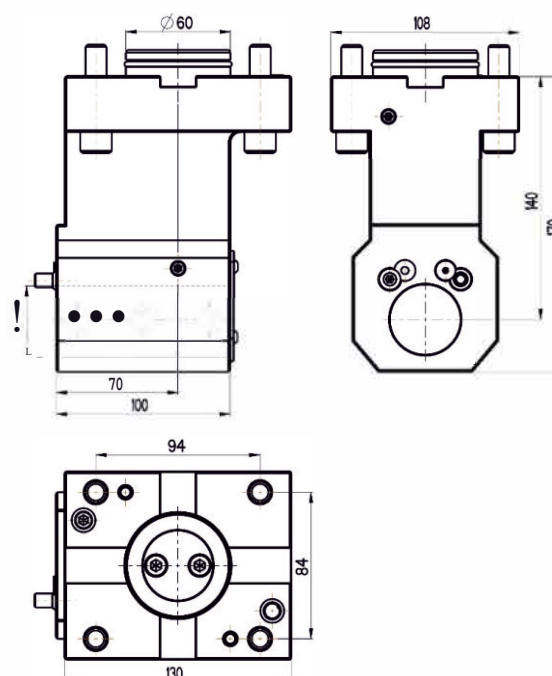
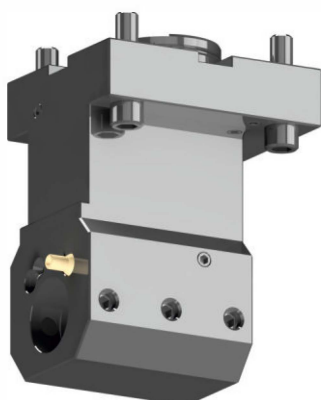
External/Internal cooling 80bar



Boring bar holder

NGT ID-60x40x140(MS)

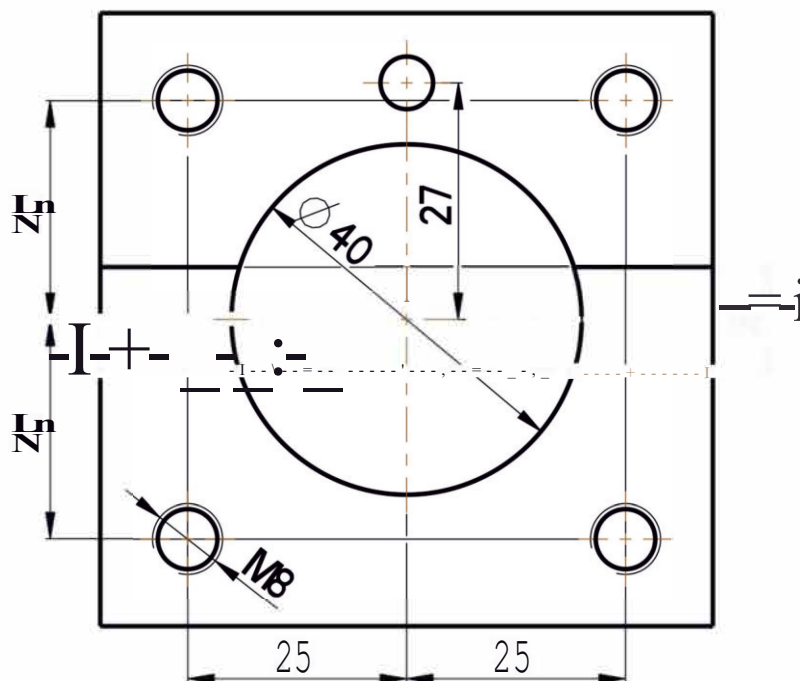
External/Internal cooling 80bar



BIGLIA LIVEAND STATICTOOLHOLDERS BMT40

BIGLIA	B436
	B436
	B438
	B438
EUROTECH	B436
	B436
	B438
	B438

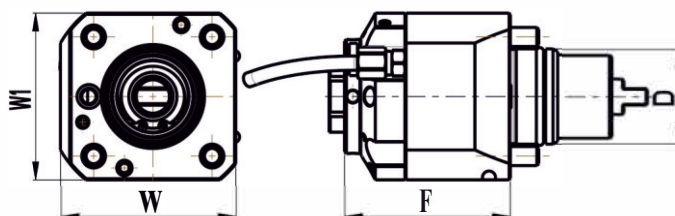
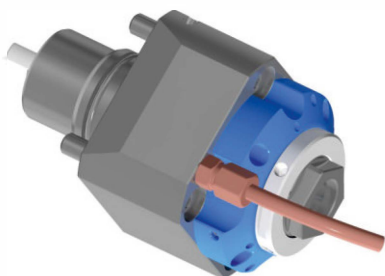
CONNECTION TURRET - BIGLIA BMT40



BIGLIA LIVE TOOLHOLDERS BMT40

Straight BMT drilling and milling head

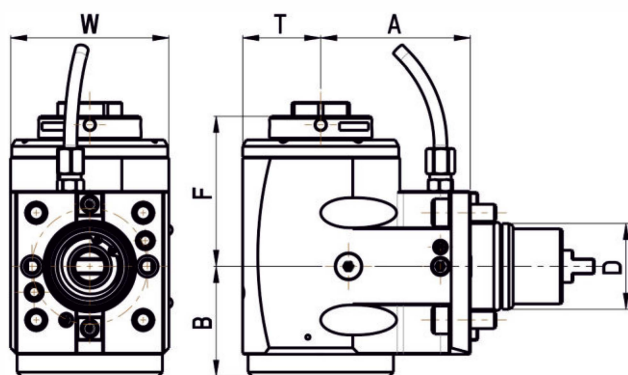
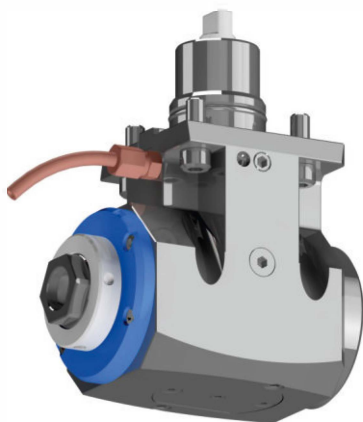
Direction of rotation: (\\)



Code	D	Tool grip	Internal Cooling	F	W	WI	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-40/105-25/1 (BL)	40	ER25	no	70	74	70	40	6000	1: 1	-
NGT2-40/105-25/2 (BL)	40	ER25	yes	70	74	70	40	6000	1: 1	20
NGT2-40/105-25/3 (BL)	40	ER25	yes	70	74	70	40	6000	1: 1	80

Angular BMT drilling and milling head

Direction of rotation: (\\)

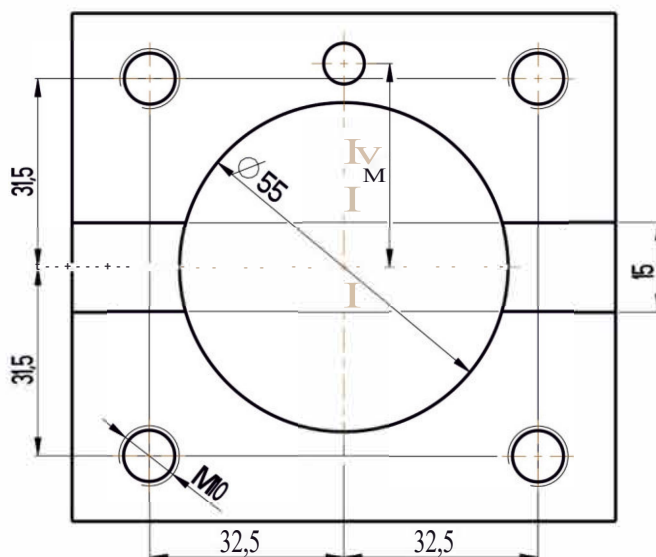


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-40/205-25/1.3-70 (BL)	55	ER25	no	right/left	70	51	70	36,5	74	28	6000	1: 1	-
NGT2-40/205-25/2.3-70 (BL)	55	ER25	yes	right/left	70	51	70	36,5	74	28	6000	1: 1	20
NGT2-40/205-25/3.3-70 (BL)	55	ER25	yes	right/left	70	61	70	36,5	74	28	6000	1: 1	80

BIGLIA LIVE AND STATIC TOOLHOLDERS BMT55

BIGLIA	B1200
	B1200Y
	B1250 16ST
	B301
	B445
	B446
	B465
	B470
	B501
	B545
	B565
	B620
	B650
	B658
	B745
	B750 16ST
	B765
	BV210
	BV315
	QUATTRO B445
	QUATTRO B470
EUROTECH	730SLY
	830SLY
	B1250 16ST

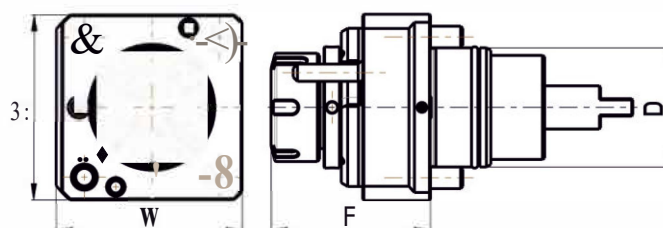
CONNECTION TURRET - BIGLIA BMT55



BIGLIA LIVE TOOLHOLDERS BMT55

Straight BMT drilling and milling head

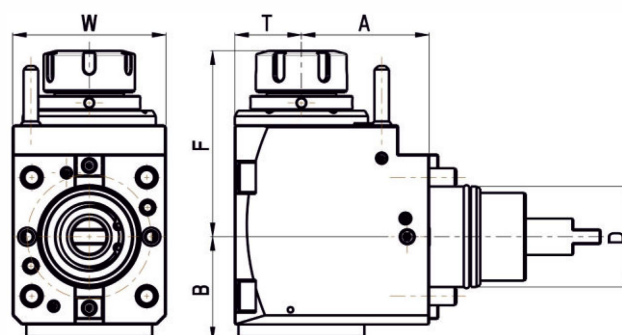
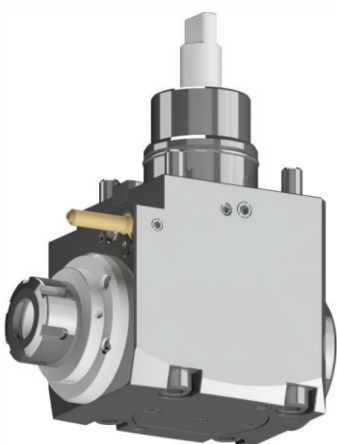
Direction of rotation: 0 (↺)



Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-55/10-;25/1 (BL)	55	ER25	no	71	86,5	86	50	6000	1:1	-
NGT2-55/101-25/2(BL)	55	ER25	yes	71	86,5	86	50	6000	1:1	20
NGT1-55/101-32/1 (BL)	55	ER32	no	74	86,5	86	50	6000	1:1	-
NGT2-55/101-32/2(BL)	55	ER32	yes	74	86,5	86	50	6000	1:1	20

Angular BMT drilling and milling head

Direction of rotation: 0 (↺)

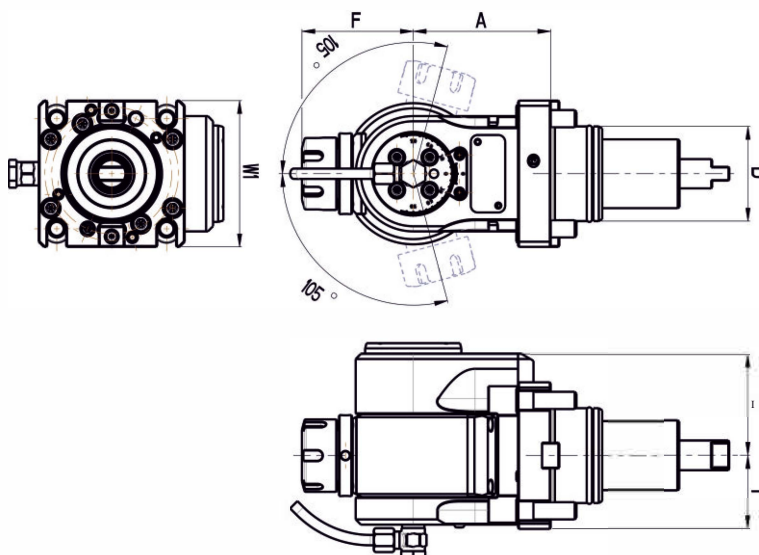
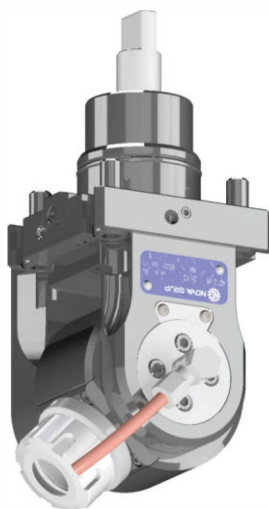


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-55/201-25/1.3-70(BL)	55	ER25	no	right/left	70	57	99	36,5	84	50	6000	1:1	-
NGT2-55/201-25/2.3-70(BL)	55	ER25	yes	right/left	70	57	99	36,5	84	50	6000	1:1	20
NGT2-55/201-25/3.3-70(BL)	55	ER25	yes	right/left	70	68	99	36,5	84	50	6000	1:1	80
NGT2-55/201-32/1.3-70(BL)	55	ER32	no	right/left	70	57	102	36,5	84	50	6000	1:1	-
NGT2-55/201-32/2.3-70(BL)	55	ER32	yes	right/left	70	57	102	36,5	84	50	6000	1:1	20
NGT2-55/201-32/3.3-70(BL)	55	ER32	yes	right/left	70	68	102	36,5	84	50	6000	1:1	80

BIGLIA LIVE TOOLHOLDERS BMT55

Variable angle BMT drilling and milling head

Direction of rotation: (), (\)

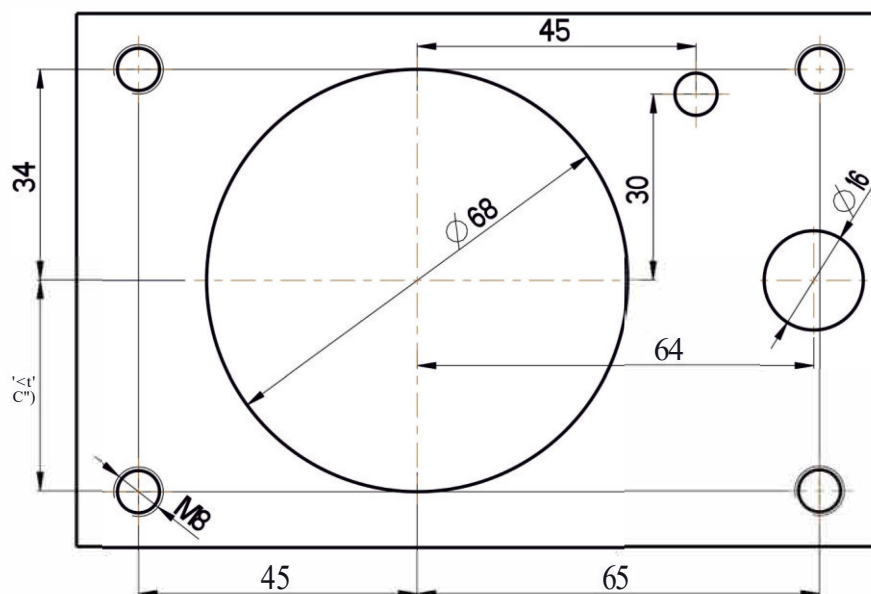


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	Wl	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGTZ-55/501-25/1 (BL)	55	ER25	no	right/left	80	59	65	42	90	16	6000	1:1	-
NGT2-55/501-25/2(BL)	55	ER25	yes	right/left	80	59	65	42	90	16	6000	1:1	20

MAZAK LIVE AND STATIC TOOLHOLDERS BMT68

MAZAK	MZ68B/C
	QT 100 MIMS/MY/MSY
	QT 200 MIMS/MY/MSY
	QT 250 M/MS/MY/MSY
	QT Ez 8-12M/MY/MSY
	QTC 100 MIMS/MY/MSY
	QTC 200 M/MS/MY/MSY
	QTC 300 M/MS/MY/MSY
	QTC 350 M/MS/MY/MSY
	QTE 100 MIMS/MY/MSY
	QTE 200 M/MS/MY/MSY
	QTE 300 MIMS/MY/MSY
	QTE 350 M/MS/MY/MSY
	QTS 100 M/MS/MY/MSY
	QTS 150 M/MS/MY/MSY
	QTS 200 M/MS/MY/MSY
	QTS 250 M/MS/MY/MSY
	QTU 100 M/MS/MY/MSY
	QTU 200 M/MS/MY/MSY
	QTU 300 MIMS/MY/MSY
	QTU 350 M/MS/MY/MSY

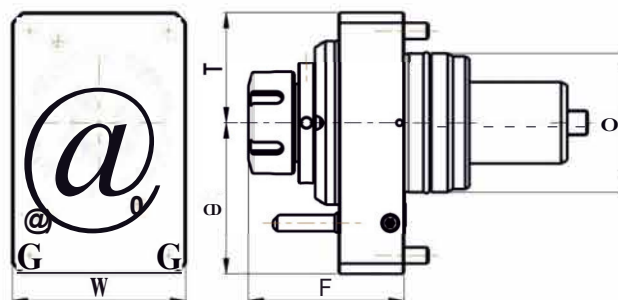
CONNECTION TURRET - MAZAK BMT68



MAZAK LIVE AND STATIC TOOLHOLDERS BMT68

Straight BMT drilling and milling head

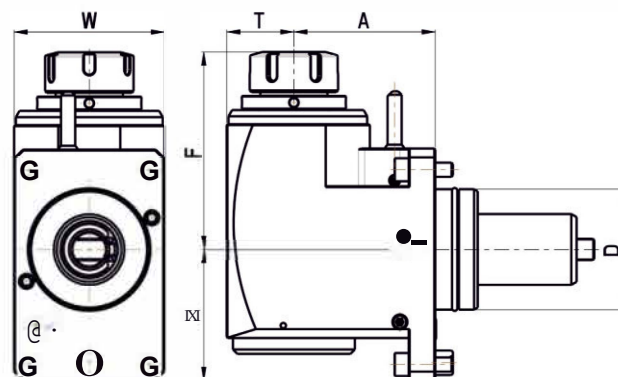
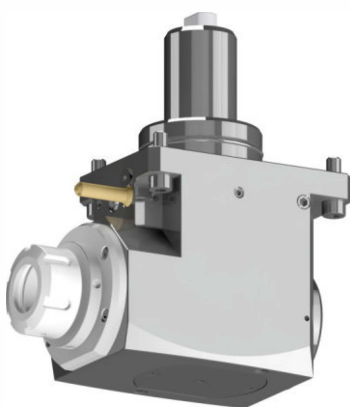
Direction of rotation: (), ('\



Code	D	Tool grip	Internal Cooling	F	W	WI	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-68/101-32/1-12K(MS)	68	ER32	no	76	85	128	70	12000	1: 1	-
NGTI-68/101-32/2(MS)	68	ER32	yes	76	85	128	70	6000	1: 1	20

Angular BMT drilling and milling head

Direction of rotation: ('\ ('\

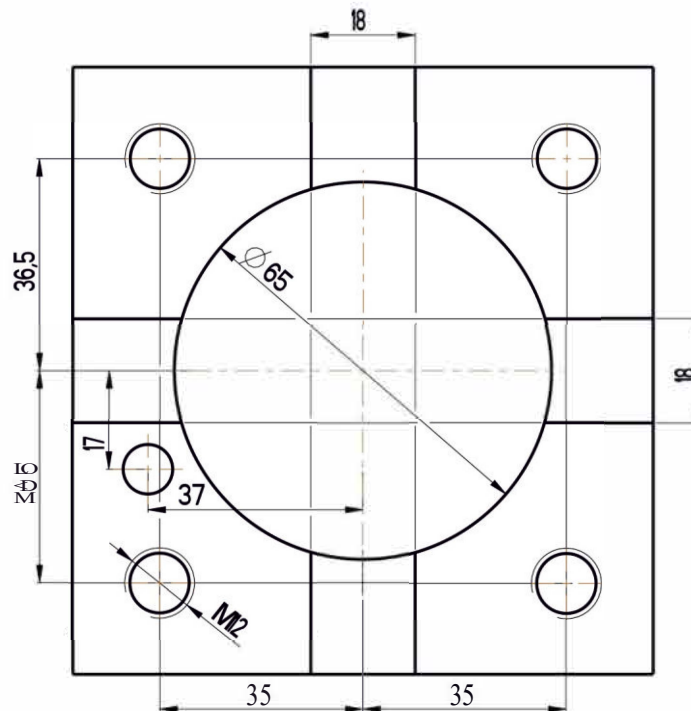


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-68/201-32/1.3-80(MZ)	68	ER32	no	right/left	80	59	111	38	85	70	6000	1: 1	-
NGT2-68/201-32/2.3-80(MZ)	68	ER32	yes	right/left	80	59	111	38	85	70	6000	1: 1	20
NGT2-68/201-32/3.3-80(MZ)	68	ER32	yes	right/left	80	70	111	38	85	70	6000	1: 1	80

EMAG LIVEAND STATICTOOLHOLDERS BMT65

EMG	VL6 / VL300 (BMT65)
	VTC 200/250 (BMT65)
	VM 9 (BMT65)
	VVC 450 (BMT65)

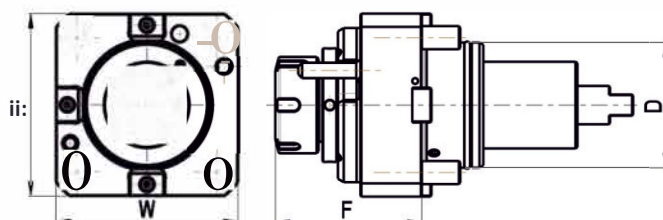
CONNECTION TURRET - BMT65



LIVE TOOLHOLDERS BMT65

Straight BMT drilling and milling head

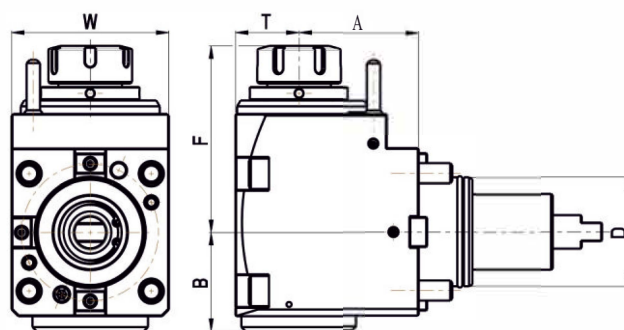
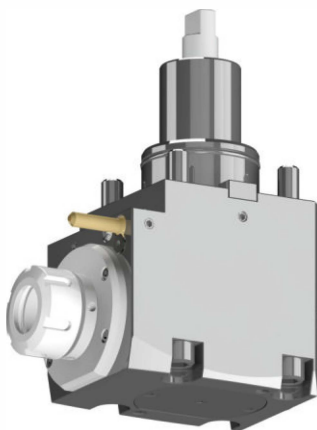
Direction of rotation: (), (\)



Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-65/101-32/1 (EM)	65	ER32	no	76	95	95	70	6000	1:1	-
NGT2-65/101-32/2(EM)	65	ER32	yes	76	95	95	70	6000	1:1	20
NGT2-65/101-25/1 (EM)	65	ER25	no	73	95	95	70	6000	1:1	-
NGT2-65/101-25/2(EM)	65	ER25	yes	73	95	95	70	6000	1:1	20

Angular BMT drilling and milling head

Direction of rotation: (\)

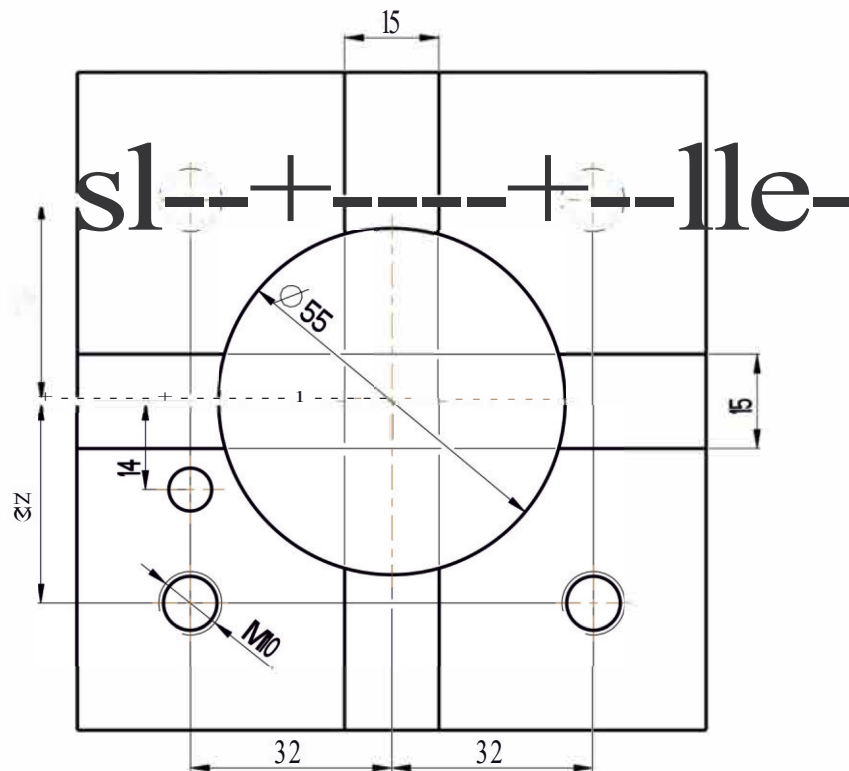


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-65/201-32/1.3-72(EM)	65	ER32	no	right/left	72	59	111	38	94	70	6000	1:1	-
NGT2-65/201-32/2.3-72(EM)	65	ER32	yes	right/left	72	59	111	38	94	70	6000	1:1	20
NGT2-65/201-32/3.3-72(EM)	65	ER32	yes	right/left	72	70	111	38	94	70	6000	1:1	80
NGT2-65/201-25/1.3-72(EM)	65	ER25	no	right/left	72	59	108	38	94	70	6000	1:1	-
NGT2-65/201-25/2.3-72(EM)	65	ER25	yes	right/left	72	59	108	38	94	70	6000	1:1	20
NGT2-65/201-25/3.3-72(EM)	65	ER25	yes	right/left	72	70	108	38	94	70	6000	1:1	80

EMAG LIVEAND STATICTOOLHOLDERS BMT55-83

EMG	VL2 P (BMT55-83)
	VL2 / VLC100 (BMT55-83)
	VL4-V2 (BMT55-83)
	VT2 / VTC100 (BMT55-83)
EMCO	Hyperturn 65 (BMT55)
	Maxxturn 65 (BMT55)
	Maxxturn 95 (BMT55)

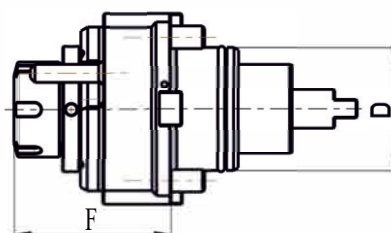
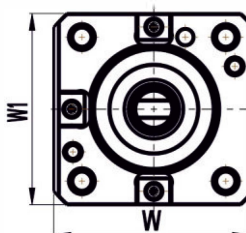
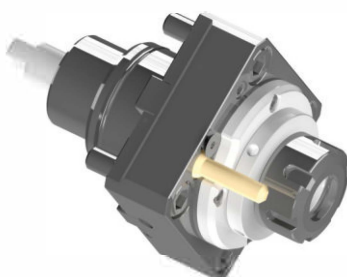
CONNECTION TURRET - BMT55



LIVE TOOLHOLDERS BMT55-83

Straight BMT drilling and milling head

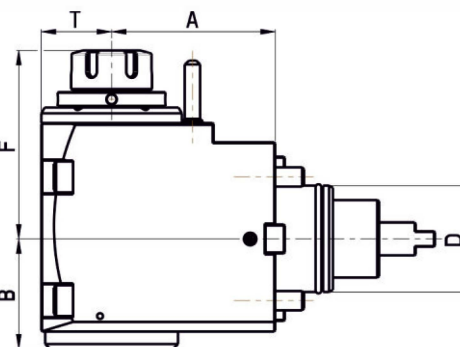
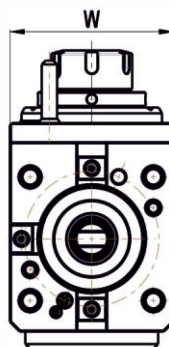
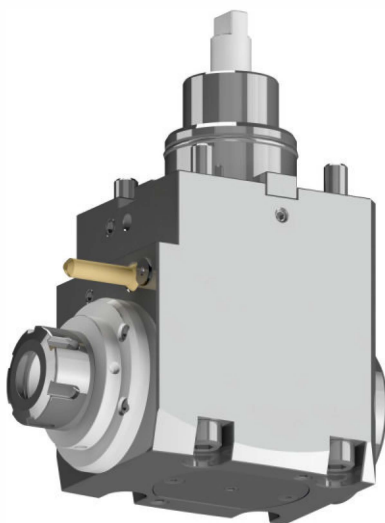
Direction of rotation:(),(')\



Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-55/101-25/1(EM1)	55	ER25	no	70	87	85	50	6000	1:1	-
NGT2-55/101-25/2(EM1)	55	ER25	yes	70	87	85	50	6000	1:1	20
NGT2-55/101-32/1(EM1)	55	ER32	no	73	87	85	50	6000	1:1	-
NGT2-55/101-32/2(EM1)	55	ER32	yes	73	87	85	50	6000	1:1	20

Angular BMT drilling and milling head

Direction of rotation:(')\('\'

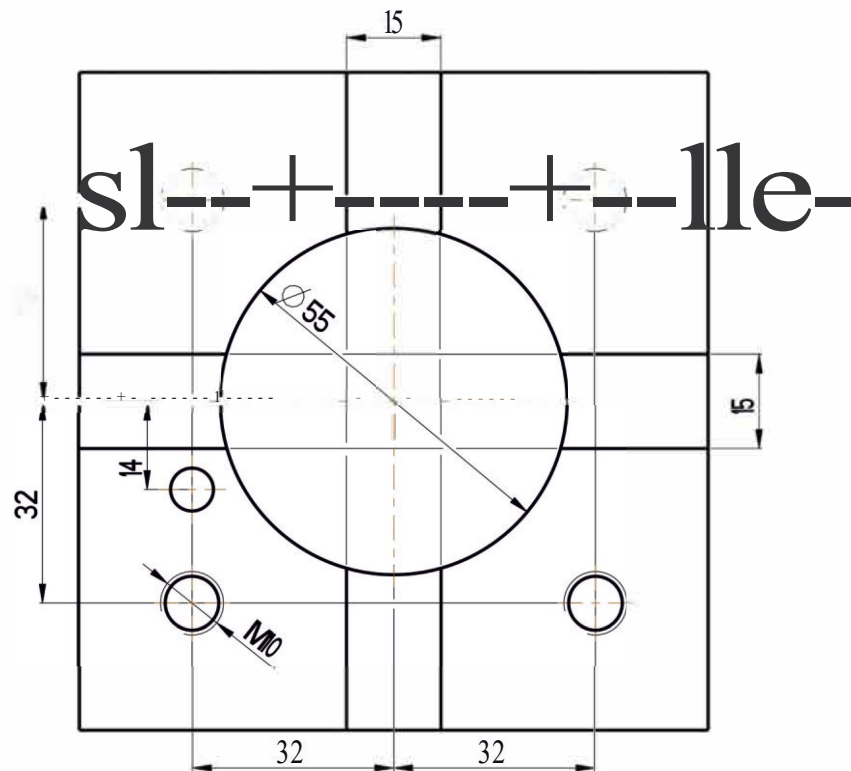


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-55/201-25/1.3-70(EM1)	55	ER25	no	right/left	70	57	98	36,5	85	50	6000	1:1	-
NGT2-55/201-25/2.3-70(EM1)	55	ER25	yes	right/left	70	57	98	36,5	85	50	6000	1:1	20
NGT2-55/201-25/1.3-85(EM1)	55	ER25	no	right/left	85	57	98	36,5	85	50	6000	1:1	-
NGT2-55/201-25/2.3-85(EM1)	55	ER25	yes	right/left	85	57	98	36,5	85	50	6000	1:1	20
NGT2-55/201-32/1.3-85(EM1)	55	ER32	no	right/left	85	57	101	36,5	85	50	6000	1:1	-
NGT2-55/201-32/2.3-85(EM1)	55	ER32	yes	right/left	85	57	101	36,5	85	50	6000	1:1	20
NGT2-55/201-32/1.3-70(EM1)	55	ER32	no	right/left	70	57	101	36,5	85	50	6000	1:1	-
NGT2-55/201-32/2.3-70(EM1)	55	ER32	yes	right/left	70	57	101	36,5	85	50	6000	1:1	20
NGT2-55/201-32/3.3-70(EM1)	55	ER32	yes	right/left	70	68	101	36,5	85	50	6000	1:1	80
NGT2-55/201-25/3.3-70(EM1)	55	ER25	yes	right/left	70	68	98	36,5	85	50	6000	1:1	80
NGT2-55/201-25/3.3-85(EM1)	55	ER25	yes	right/left	85	68	98	36,5	85	50	6000	1:1	80
NGT2-55/201-32/3.3-85(EM1)	55	ER32	yes	right/left	85	68	101	36,5	85	50	6000	1:1	80

EMAG LIVEAND STATICTOOLHOLDERS BMT55-100

EMG	VL4-V3 (BMT55-100)
	VL3 DUO (BMT55-100)
	VL5 DUO (BMT55-100)

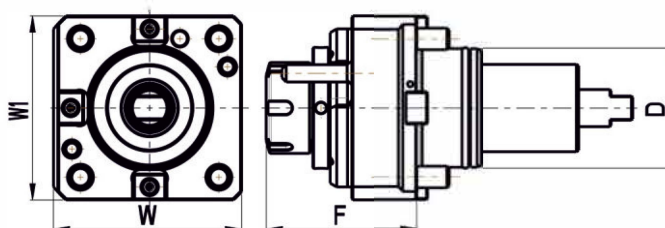
CONNECTION TURRET - BMT55



LIVE TOOLHOLDERS BMT55-100

Straight BMT drilling and milling head

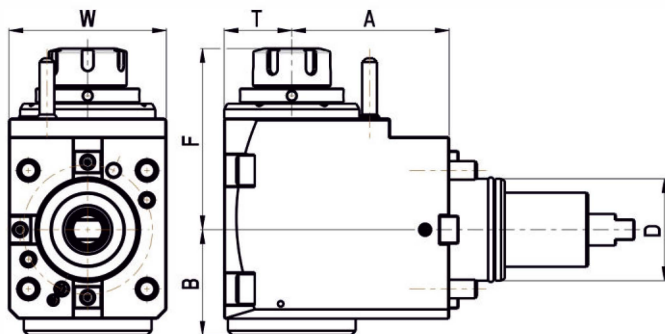
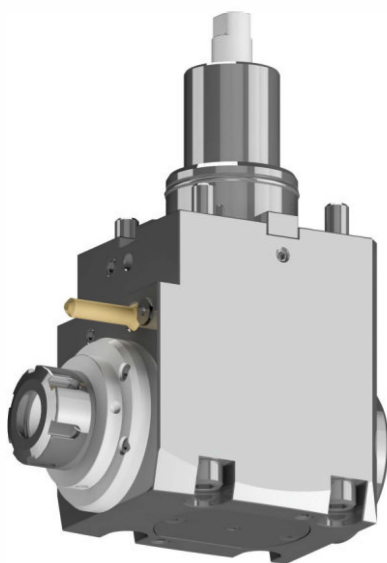
Direction of rotation: (), (')



Code	D	Tool grip	Internal Cooling	F	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-55/101-25/1 (EM2)	55	ER25	no	70	87	85	50	6000	1:1	-
NGT2-55/101-25/2 (EM2)	55	ER25	yes	70	87	85	50	6000	1:1	20
NGT2-55/101-32/1 (EM2)	55	ER32	no	73	87	85	50	6000	1:1	-
NGT2-55/101-32/2 (EM2)	55	ER32	yes	73	87	85	50	6000	1:1	20

Angular BMT drilling and milling head

Direction of rotation: ('), (')



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT2-55/201-25/1.3-85(EM2)	55	ER25	no	right/left	85	57	98	36,5	85	50	6000	1:1	-
NGT2-55/201-25/2.3-85(EM2)	55	ER25	yes	right/left	85	57	98	36,5	85	50	6000	1:1	20
NGT2-55/201-25/3.3-85(EM2)	55	ER25	yes	right/left	85	68	98	36,5	85	50	6000	1:1	80
NGT2-55/201-32/1.3-85(EM2)	55	ER32	no	right/left	85	57	101	36,5	85	50	6000	1:1	-
NGT2-55/201-32/2.3-85(EM2)	55	ER32	yes	right/left	85	57	101	36,5	85	50	6000	1:1	20
NGT2-55/201-32/3.3-85(EM2)	55	ER32	yes	right/left	85	68	101	36,5	85	50	6000	1:1	80



VOi TURRET TOOLHOLDERS

Suitable for:

voi 30/40/SQ

SAUTER DIN 5480

SAUTER DIN 5482

DUPLOMATIC DIN 1809

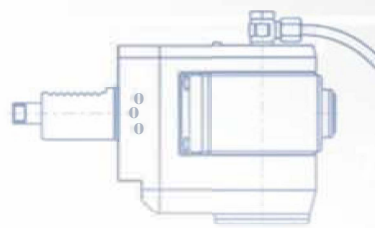
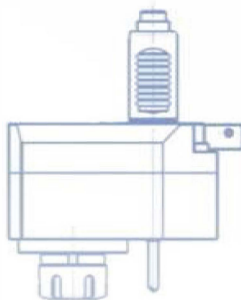
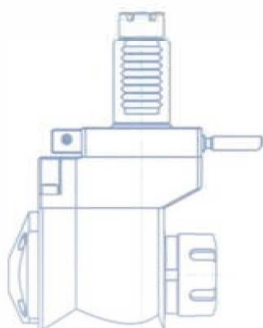
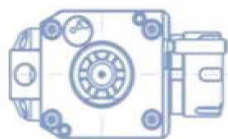
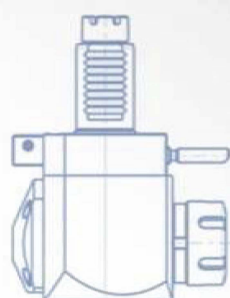
BARUFFALDI / TOEM

HAAS

OKUMA

INDEX TRAUB

MAZAK

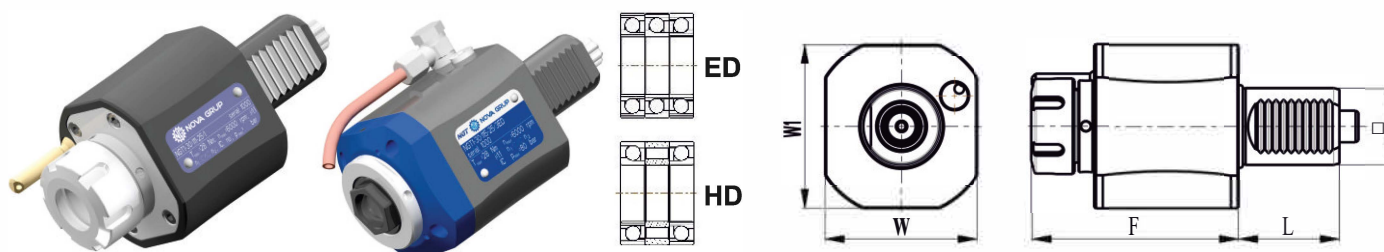


SAUTER TURRET DIN 5482

Straight drilling and milling head



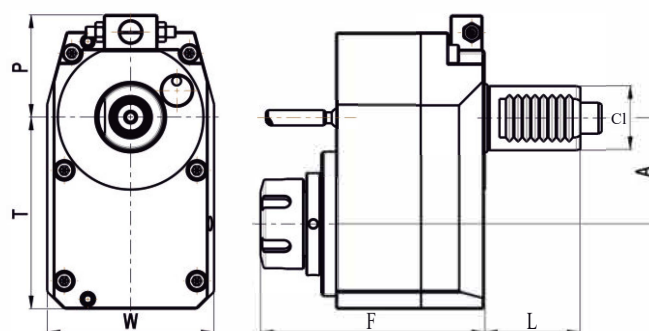
Direction of rotation: (\\)



Code	D	Tool grip	Internal Cooling	F	L	W	WI	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/111-25/1	30	ER25	no	90	45	64	68	28	6000	1:1	-
NGT1-30/111-25/2	30	ER25	yes	90	45	64	68	28	6000	1:1	20
NGT1-40/111-25/1	40	ER25	no	106	53	80	86	50	6000	1:1	-
NGT1-40/111-25/2	40	ER25	yes	106	53	80	86	50	6000	1:1	20
NGT1-40/111-32/1	40	ER32	no	109	53	80	86	50	6000	1:1	-
NGT1-40/111-32/2	40	ER32	yes	109	53	80	86	50	6000	1:1	20
NGT1-30/115-25/3ED	30	ER25	yes	88,5	45	67	67	28	6000	1:1	80
NGT1-30/115-25/3HD	30	ER25	yes	88,5	45	67	67	28	6000	1:1	80
NGT1-40/115-25/3ED	40	ER25	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/115-25/3HD	40	ER25	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/115-32/3ED	40	ER32	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/115-32/3HD	40	ER32	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-50/111-32/1	50	ER32	no	114	71	88	88	80	6000	1:1	-
NGT1-50/111-32/2	50	ER32	yes	114	71	88	88	80	6000	1:1	20
NGT1-50/111-40/1	50	ER40	no	116	71	88	88	80	6000	1:1	-
NGT1-50/111-40/2	50	ER40	yes	116	71	88	88	80	6000	1:1	20

Offset straight drilling and milling head

Direction of rotation: (\\)



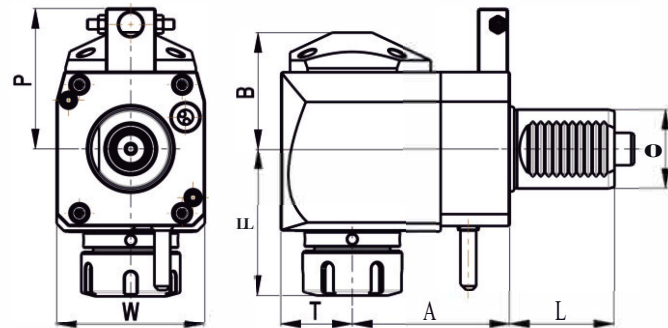
Code	D	Tool grip	Internal Cooling	Direction	A	F	L	P	T	W	Torque [Nm]	Speed [rpm]	Ratio
NGT1-30/311-25/1.1-50(1:2)	30	ER25	no	right	50	108	45	48	90	78	14	12000	1:2
NGT1-30/311-25/1.1-50(2:1)	30	ER25	no	right	50	108	45	48	90	78	40	3000	2:1

SAUTER TURRET DIN 5482

Angular drilling and milling head



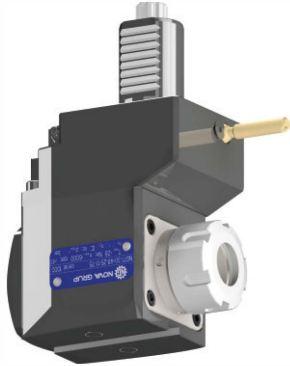
Direction of rotation: (I - I)



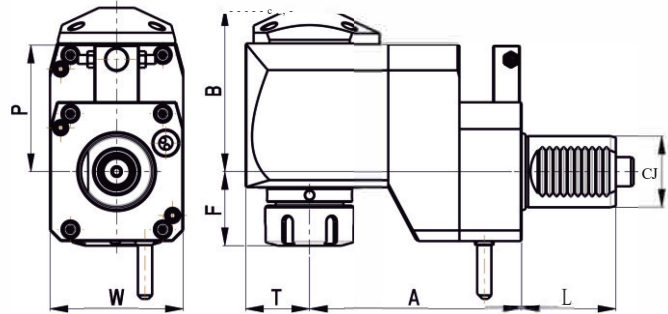
Code	D	Tool grip	IC	Direction	A	B	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/211-25/3.1-55	30	ER25	yes	right	55	61	65	45	48	29	64	28	6000	1:1	80
NGT1-30/211-25/3.2-55	30	ER25	yes	left	55	61	65	45	48	29	64	28	6000	1:1	80
NGT1-30/211-25/1.2-55	30	ER25	no	left	55	48	65	45	48	29	64	28	6000	1:1	-
NGT1-30/211-25/2.2-55	30	ER25	yes	left	55	51	65	45	48	29	64	28	6000	1:1	20
NGT1-30/211-25/1.1-55	30	ER25	no	right	55	48	65	45	48	29	64	28	6000	1:1	-
NGT1-30/211-25/2.1-55	30	ER25	yes	right	55	51	65	45	48	29	64	28	6000	1:1	20
NGT1-40/211-25/1.1-80	40	ER25	no	right	80	59	72	53	71	36	75	50	6000	1:1	-
NGT1-40/211-25/2.1-80	40	ER25	yes	right	80	62	72	53	71	36	75	50	6000	1:1	20
NGT1-40/211-32/1.1-80	40	ER32	no	right	80	59	75	53	71	36	75	50	6000	1:1	-
NGT1-40/211-32/2.1-80	40	ER32	yes	right	80	62	75	53	71	36	75	50	6000	1:1	20
NGT1-40/211-25/1.2-80	40	ER25	no	left	80	59	72	53	71	36	75	50	6000	1:1	-
NGT1-40/211-25/2.2-80	40	ER25	yes	left	80	62	72	53	71	36	75	50	6000	1:1	20
NGT1-40/211-32/1.2-80	40	ER32	no	left	80	59	75	53	71	36	75	50	6000	1:1	-
NGT1-40/211-32/2.2-80	40	ER32	yes	left	80	62	75	53	71	36	75	50	6000	1:1	20
NGT1-40/211-25/3.1-80	40	ER25	yes	right	80	72	72	53	71	36	75	50	6000	1:1	80
NGT1-40/211-32/3.1-80	40	ER32	yes	right	80	72	75	53	71	36	75	50	6000	1:1	80
NGT1-40/211-25/3.2-80	40	ER25	yes	left	80	72	72	53	71	36	75	50	6000	1:1	80
NGT1-40/211-32/3.2-80	40	ER32	yes	left	80	72	75	53	71	36	75	50	6000	1:1	80
NGT1-50/211-32/1.1-110	50	ER32	no	right	110	64	117	71	83	42	88	80	6000	1:1	-
NGT1-50/211-32/2.1-110	50	ER32	yes	right	110	64	117	71	83	42	88	80	6000	1:1	20
NGT1-50/211-32/3.1-110	50	ER32	yes	right	110	75	117	71	83	42	88	80	6000	1:1	80
NGT1-50/211-40/1.1-110	50	ER40	no	right	110	64	119	71	83	42	88	80	6000	1:1	-
NGT1-50/211-40/2.1-110	50	ER40	yes	right	110	64	119	71	83	42	88	80	6000	1:1	20
NGT1-50/211-40/3.1-110	50	ER40	yes	right	110	75	119	71	83	42	88	80	6000	1:1	80
NGT1-50/211-32/1.2-110	50	ER32	no	left	110	64	117	71	83	42	88	80	6000	1:1	-
NGT1-50/211-32/2.2-110	50	ER32	yes	left	110	64	117	71	83	42	88	80	6000	1:1	20
NGT1-50/211-32/3.2-110	50	ER32	yes	left	110	75	117	71	83	42	88	80	6000	1:1	80
NGT1-50/211-40/1.2-110	50	ER40	no	left	110	64	119	71	83	42	88	80	6000	1:1	-
NGT1-50/211-40/2.2-110	50	ER40	yes	left	110	64	119	71	83	42	88	80	6000	1:1	20
NGT1-50/211-40/3.2-110	50	ER40	yes	left	110	75	119	71	83	42	88	80	6000	1:1	80
NGT1-50/211-32/1.3-110	50	ER32	no	right/left	110	64	117	71	83	42	88	80	6000	1:1	-
NGT1-50/211-32/2.3-110	50	ER32	yes	right/left	110	64	117	71	83	42	88	80	6000	1:1	20
NGT1-50/211-32/3.3-110	50	ER32	yes	right/left	110	75	117	71	83	42	88	80	6000	1:1	80
NGT1-50/211-40/1.3-110	50	ER40	no	right/left	110	64	119	71	83	42	88	80	6000	1:1	-
NGT1-50/211-40/2.3-110	50	ER40	yes	right/left	110	64	119	71	83	42	88	80	6000	1:1	20
NGT1-50/211-40/3.3-110	50	ER40	yes	right/left	110	75	119	71	83	42	88	80	6000	1:1	80

SAUTER TURRET DIN 5482

Offset angular drilling and milling head



Direction of rotation: (' \

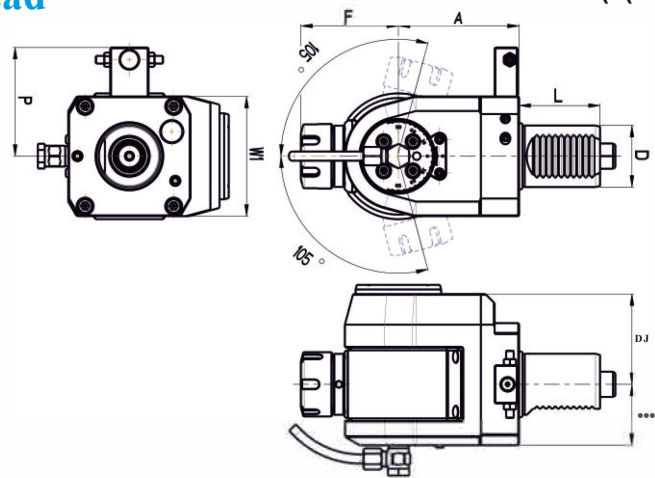


Code	D	Tool grip	Internal Cooling	Direction	A	B	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/411-25/1.1-75	30	ER25	no	right	75	71	42	45	48	29	64	28	6000	1:1	-
NGT1-30/411-25/2.1-75	30	ER25	yes	right	75	74	42	45	48	29	64	28	6000	1:1	20
NGT1-30/411-25/1.2-75	30	ER25	no	left	75	71	42	45	48	29	64	28	6000	1:1	-
NGT1-30/411-25/2.2-75	30	ER25	yes	left	75	74	42	45	48	29	64	28	6000	1:1	20
NGT1-40/411-25/1.1-120	40	ER25	no	right	120	92	39	53	71	36	75	50	6000	1:1	-
NGT1-40/411-25/2.1-120	40	ER25	yes	right	120	95	39	53	71	36	75	50	6000	1:1	20
NGT1-40/411-32/1.1-120	40	ER32	no	right	120	92	42	53	71	36	75	50	6000	1:1	-
NGT1-40/411-32/2.1-120	40	ER32	yes	right	120	95	42	53	71	36	75	50	6000	1:1	20
NGT1-30/411-25/3.1-75	30	ER25	yes	right	75	84	42	45	48	29	64	28	6000	1:1	80
NGT1-30/411-25/3.2-75	30	ER25	yes	left	75	84	42	45	48	29	64	28	6000	1:1	80
NGT1-40/411-25/3.1-120	40	ER25	yes	right	120	105	39	53	71	36	75	50	6000	1:1	80
NGT1-40/411-32/3.1-120	40	ER32	yes	right	120	105	42	53	71	36	75	50	6000	1:1	80

Variable angle drilling and milling head



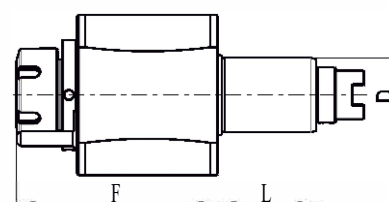
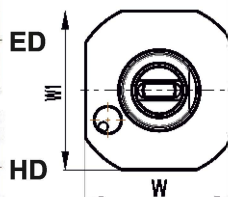
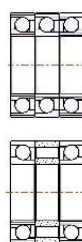
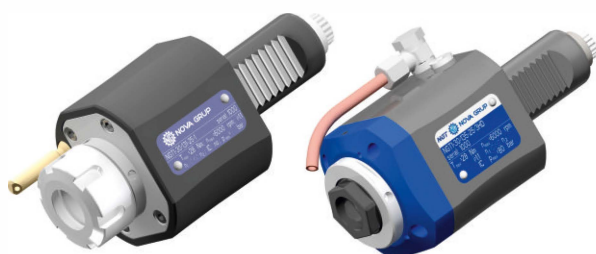
Direction of rotation: (' \



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/515-16/1	30	ER16	no	right	79	59	45	45	48	40	64	16	6000	1:1	-
NGT1-30/515-16/2	30	ER16	yes	right	86	59	45	45	48	40	64	16	6000	1:1	20
NGT1-30/511-25/1	30	ER25	no	right	79	59	65	45	48	40	64	16	6000	1:1	-
NGT1-30/511-25/2	30	ER25	yes	right	86	59	65	45	48	40	64	16	6000	1:1	20
NGT1-40/511-25/1	40	ER25	no	right	79	59	65	53	71	40	78	16	6000	1:1	-
NGT1-40/511-25/2	40	ER25	yes	right	86	59	65	53	71	40	78	16	6000	1:1	20
NGT1-30/515-16.1.2	30	ER16	no	left	79	59	45	45	48	40	64	16	6000	1:1	-
NGT1-30/515-16.2.2	30	ER16	yes	left	86	59	45	45	48	40	64	16	6000	1:1	20
NGT1-30/511-25.1.2	30	ER25	no	left	79	59	65	45	48	40	64	16	6000	1:1	-
NGT1-30/511-25.2.2	30	ER25	yes	left	86	59	65	45	48	40	64	16	6000	1:1	20
NGT1-40/511-25.1.2	40	ER25	no	left	79	59	65	53	71	40	78	16	6000	1:1	-
NGT1-40/511-25.2.2	40	ER25	yes	left	86	59	65	53	71	40	78	16	6000	1:1	20
NGT1-50/511-25.1	50	ER25	no	right	79	59	65	71	83	44	94	16	6000	1:1	-
NGT1-50/511-25.2	50	ER25	yes	right	86	59	65	71	83	44	94	16	6000	1:1	20
NGT1-50/511-25.1.2	50	ER25	no	left	79	59	65	71	83	44	94	16	6000	1:1	-
NGT1-50/511-25.2.2	50	ER25	yes	left	86	59	65	71	83	44	94	16	6000	1:1	20

SAUTER TURRET DIN 5480

Straight drilling and milling head



Direction of rotation: 00

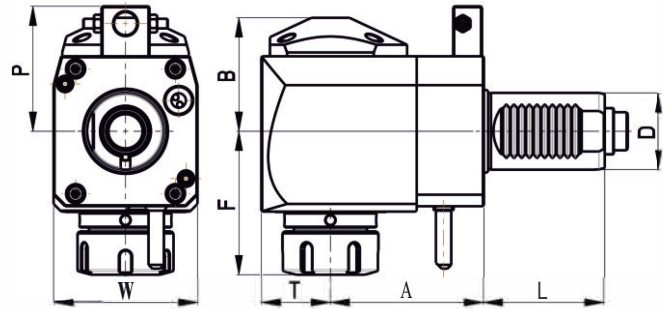
Code	D	Tool grip	Internal Cooling	F	L	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/131-25/1	30	ER25	no	90	55	64	68	28	6000	1:1	-
NGT1-30/131-25/2	30	ER25	yes	90	55	64	68	28	6000	1:1	20
NGT1-40/131-25/1	40	ER25	no	106	63	80	86	50	6000	1:1	-
NGT1-40/131-25/2	40	ER25	yes	106	63	80	86	50	6000	1:1	20
NGT1-40/131-32/1	40	ER32	no	109	63	80	86	50	6000	1:1	-
NGT1-40/131-32/2	40	ER32	yes	109	63	80	86	50	6000	1:1	20
NGT1-30/135-25/3ED	30	ER25	yes	88.5	55	67	67	28	6000	1:1	80
NGT1-30/135-25/3HD	30	ER25	yes	88.5	55	67	67	28	6000	1:1	80
NGT1-40/135-25/3ED	40	ER25	yes	93.5	63	79	79	50	6000	1:1	80
NGT1-40/135-25/3HD	40	ER25	yes	93.5	63	79	79	50	6000	1:1	80
NGT1-40/135-32/3ED	40	ER32	yes	93.5	63	79	79	50	6000	1:1	80
NGT1-40/135-32/3HD	40	ER32	yes	93.5	63	79	79	50	6000	1:1	80
NGT1-50/131-32/1	50	ER32	no	114	78	88	88	80	6000	1:1	-
NGT1-50/131-32/2	50	ER32	yes	114	78	88	88	80	6000	1:1	20
NGT1-50/131-40/1	50	ER40	no	116	78	88	88	80	6000	1:1	-
NGT1-50/131-40/2	50	ER40	yes	116	78	88	88	80	6000	1:1	20

SAUTER TURRET DIN 5480

Angular drilling and milling head



Direction of rotation: 0 ./)

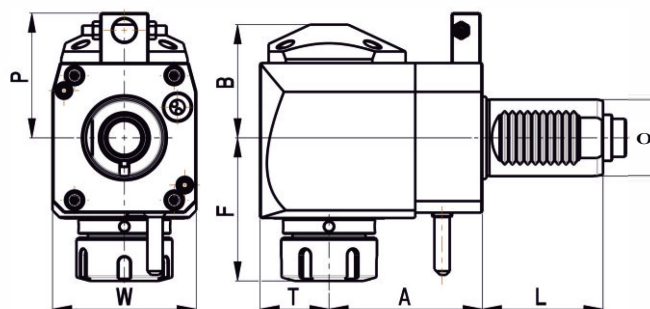


Code	D	Tool grip	IC	Direction	A	B	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/231-25/1.1-55	30	ER25	no	right	55	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/2.1-55	30	ER25	yes	right	55	51	65	55	56	29	64	28	6000	1:1	20
NGT1-30/231-25/1.1-85	30	ER25	no	right	85	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/2.1-85	30	ER25	yes	right	85	51	65	55	56	29	64	28	6000	1:1	20
NGT1-30/231-25/1.1-100	30	ER25	no	right	100	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/2.1-100	30	ER25	yes	right	100	51	65	55	56	29	64	28	6000	1:1	20
NGT1-30/231-25/2.2-100	30	ER25	yes	left	100	51	65	55	56	29	64	28	6000	1:1	20
NGT1-30/231-25/1.2-100	30	ER25	no	left	100	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/1.2-55	30	ER25	no	left	55	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/2.2-55	30	ER25	yes	left	55	51	65	55	56	29	64	28	6000	1:1	20
NGT1-30/231-25/1.2-85	30	ER25	no	left	85	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/2.2-85	30	ER25	yes	left	85	51	65	55	56	29	64	28	6000	1:1	20
NGT1-40/231-25/1.1-80	40	ER25	no	right	80	59	72	63	65	36	75	50	6000	1:1	-
NGT1-40/231-25/2.1-80	40	ER25	yes	right	80	62	72	63	65	36	75	50	6000	1:1	20
NGT1-40/231-32/1.1-80	40	ER32	no	right	80	59	75	63	65	36	75	50	6000	1:1	-
NGT1-40/231-32/2.1-80	40	ER32	yes	right	80	62	75	63	65	36	75	50	6000	1:1	20
NGT1-40/231-25/1.1-100	40	ER25	no	right	100	59	72	63	65	36	75	50	6000	1:1	-
NGT1-40/231-25/2.1-100	40	ER25	yes	right	100	62	72	63	65	36	75	50	6000	1:1	20
NGT1-40/231-32/1.1-100	40	ER32	no	right	100	59	75	63	65	36	75	50	6000	1:1	-
NGT1-40/231-32/2.1-100	40	ER32	yes	right	100	62	75	63	65	36	75	50	6000	1:1	20
NGT1-40/231-25/1.2-80	40	ER25	no	left	80	59	72	63	65	36	75	50	6000	1:1	-
NGT1-40/231-25/2.2-80	40	ER25	yes	left	80	62	72	63	65	36	75	50	6000	1:1	20
NGT1-40/231-32/1.2-80	40	ER32	no	left	80	59	75	63	65	36	75	50	6000	1:1	-
NGT1-40/231-32/2.2-80	40	ER32	yes	left	80	62	75	63	65	36	75	50	6000	1:1	20
NGT1-40/231-25/1.2-100	40	ER25	no	left	100	59	72	63	65	36	75	50	6000	1:1	-
NGT1-40/231-25/2.2-100	40	ER25	yes	left	100	62	72	63	65	36	75	50	6000	1:1	20
NGT1-40/231-32/1.2-100	40	ER32	no	left	100	59	75	63	65	36	75	50	6000	1:1	-
NGT1-40/231-32/2.2-100	40	ER32	yes	left	100	62	75	63	65	36	75	50	6000	1:1	20
NGT1-30/231-25/3.1-55	30	ER25	yes	right	55	61	65	55	56	29	64	28	6000	1:1	80
NGT1-30/231-25/3.2-55	30	ER25	yes	left	55	61	65	55	56	29	64	28	6000	1:1	80
NGT1-30/231-25/3.1-85	30	ER25	yes	right	85	61	65	55	56	29	64	28	6000	1:1	80
NGT1-30/231-25/3.2-85	30	ER25	yes	left	85	61	65	55	56	29	64	28	6000	1:1	80
NGT1-30/231-25/3.1-100	30	ER25	yes	right	100	61	65	55	56	29	64	28	6000	1:1	80
NGT1-30/231-25/3.2-100	30	ER25	yes	left	100	61	65	55	56	29	64	28	6000	1:1	80
NGT1-30/231-25/1.3-55	30	ER25	no	right/left	55	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/2.3-55	30	ER25	yes	right/left	55	51	65	55	56	29	64	28	6000	1:1	20
NGT1-30/231-25/3.3-55	30	ER25	yes	right/left	55	61	65	55	56	29	64	28	6000	1:1	80
NGT1-30/231-25/1.3-85	30	ER25	no	right/left	85	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/2.3-85	30	ER25	yes	right/left	85	51	65	55	56	29	64	28	6000	1:1	20

SAUTER TURRET DIN 5480



Direction of rotation: 0 - 1)



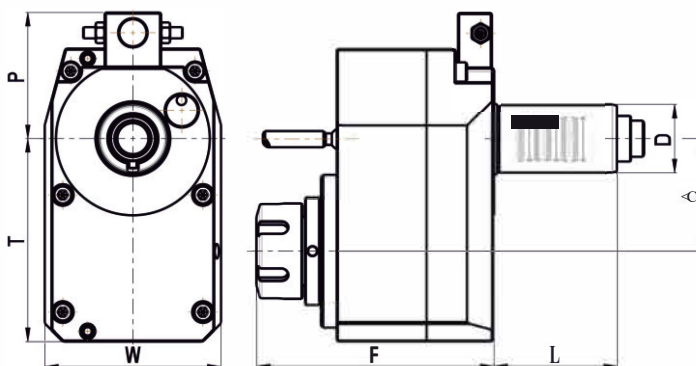
Code	D	Tool Grip	IC	Direction	A	B	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/231-25/3.3-85	30	ER25	yes	right/left	85	61	65	55	56	29	64	28	6000	1:1	80
NGT1-30/231-25/1.3-100	30	ER25	no	right/left	100	48	65	55	56	29	64	28	6000	1:1	-
NGT1-30/231-25/2.3-100	30	ER25	yes	right/left	100	51	65	55	56	29	64	28	6000	1:1	20
NGT1-30/231-25/3.3-100	30	ER25	yes	right/left	100	48	65	55	56	29	64	28	6000	1:1	80
NGT1-40/231-25/3.1-80	40	ER25	yes	right	80	72	72	63	65	36	75	50	6000	1:1	80
NGT1-40/231-32/3.1-80	40	ER32	yes	right	80	72	75	63	65	36	75	50	6000	1:1	80
NGT1-40/231-25/3.2-80	40	ER25	yes	left	80	72	72	63	65	36	75	50	6000	1:1	80
NGT1-40/231-32/3.2-80	40	ER32	yes	left	80	72	75	63	65	36	75	50	6000	1:1	80
NGT1-40/231-25/3.1-100	40	ER25	yes	right	100	72	72	63	65	36	75	50	6000	1:1	80
NGT1-40/231-32/3.1-100	40	ER32	yes	right	100	72	75	63	65	36	75	50	6000	1:1	80
NGT1-40/231-25/3.2-100	40	ER25	yes	left	100	72	72	63	65	36	75	50	6000	1:1	80
NGT1-40/231-32/3.2-100	40	ER32	yes	left	100	72	75	63	65	36	75	50	6000	1:1	80
NGT1-40/231-25/1.3-80	40	ER25	no	right/left	80	59	72	63	65	36	75	50	6000	1:1	-
NGT1-40/231-25/2.3-80	40	ER25	yes	right/left	80	62	72	63	65	36	75	50	6000	1:1	20
NGT1-40/231-25/3.3-80	40	ER25	yes	right/left	80	72	72	63	65	36	75	50	6000	1:1	80
NGT1-40/231-32/1.3-80	40	ER32	no	right/left	80	59	75	63	65	36	75	50	6000	1:1	-
NGT1-40/231-32/2.3-80	40	ER32	yes	right/left	80	62	75	63	65	36	75	50	6000	1:1	20
NGT1-40/231-32/3.3-80	40	ER32	yes	right/left	80	72	75	63	65	36	75	50	6000	1:1	80
NGT1-40/231-25/1.3-100	40	ER25	no	right/left	100	59	72	63	65	36	75	50	6000	1:1	-
NGT1-40/231-25/2.3-100	40	ER25	yes	right/left	100	62	72	63	65	36	75	50	6000	1:1	20
NGT1-40/231-25/3.3-100	40	ER25	yes	right/left	100	72	72	63	65	36	75	50	6000	1:1	80
NGT1-40/231-32/1.3-100	40	ER32	no	right/left	100	64	75	63	65	36	75	50	6000	1:1	-
NGT1-40/231-32/2.3-100	40	ER32	yes	right/left	100	64	75	63	65	36	75	50	6000	1:1	20
NGT1-40/231-32/3.3-100	40	ER32	yes	right/left	100	75	75	63	65	36	75	50	6000	1:1	80
NGT1-50/231-32/1.1-110	50	ER32	no	right	110	64	117	78	73	42	88	80	6000	1:1	-
NGT1-50/231-32/2.1-110	50	ER32	yes	right	110	64	117	78	73	42	88	80	6000	1:1	20
NGT1-50/231-32/3.1-110	50	ER32	yes	right	110	75	117	78	73	42	88	80	6000	1:1	80
NGT1-50/231-40/1.1-110	50	ER40	no	right	110	64	119	78	73	42	88	80	6000	1:1	-
NGT1-50/231-40/2.1-110	50	ER40	yes	right	110	64	119	78	73	42	88	80	6000	1:1	20
NGT1-50/231-40/3.1-110	50	ER40	yes	right	110	75	119	78	73	42	88	80	6000	1:1	80
NGT1-50/231-32/1.2-110	50	ER32	no	left	110	64	117	78	73	42	88	80	6000	1:1	-
NGT1-50/231-32/2.2-110	50	ER32	yes	left	110	64	117	78	73	42	88	80	6000	1:1	20
NGT1-50/231-32/3.2-110	50	ER32	yes	left	110	75	117	78	73	42	88	80	6000	1:1	80
NGT1-50/231-40/1.2-110	50	ER40	no	left	110	64	119	78	73	42	88	80	6000	1:1	-
NGT1-50/231-40/2.2-110	50	ER40	yes	left	110	64	119	78	73	42	88	80	6000	1:1	20
NGT1-50/231-40/3.2-110	50	ER40	yes	left	110	75	119	78	73	42	88	80	6000	1:1	80
NGT1-50/231-32/1.3-110	50	ER32	no	right/left	110	64	117	78	73	42	88	80	6000	1:1	-
NGT1-50/231-32/2.3-110	50	ER32	yes	right/left	110	64	117	78	73	42	88	80	6000	1:1	20
NGT1-50/231-32/3.3-110	50	ER32	yes	right/left	110	75	117	78	73	42	88	80	6000	1:1	80
NGT1-50/231-40/1.3-110	50	ER40	no	right/left	110	64	119	78	73	42	88	80	6000	1:1	-
NGT1-50/231-40/2.3-110	50	ER40	yes	right/left	110	64	119	78	73	42	88	80	6000	1:1	20

SAUTER TURRET DIN 5480

Offset straight drilling and milling head



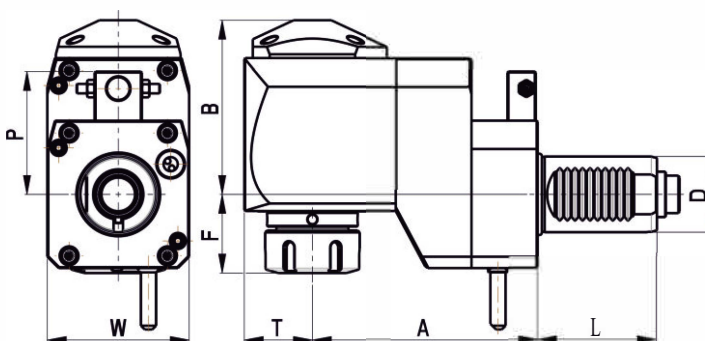
Direction of rotation:



Code	D	Tool grip	Internal Cooling	Direction	A	F	L	P	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/331-25/1.1-50(1:2)	30	ER25	no	right	50	106	55	56	90	78	14	12000	1:2	-
NGT1-30/331-25/1.1-50(2:1)	30	ER25	no	right	50	106	55	56	90	78	40	3000	2:1	-

Offset angular drilling and milling head

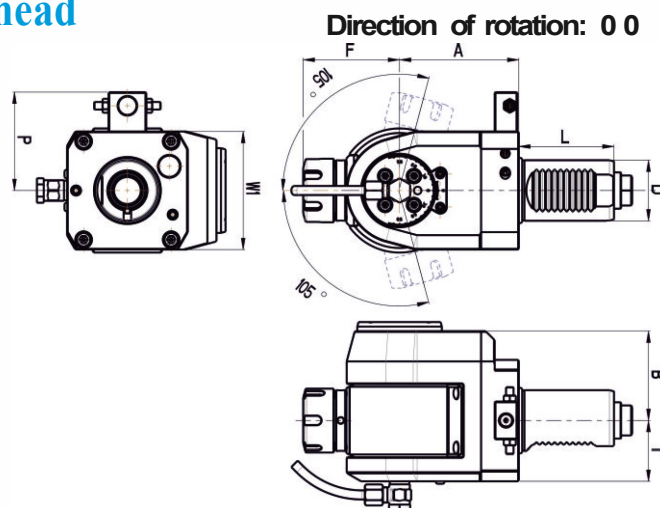
Direction of rotation: 0 (°)



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/431-25/1.1-75	30	ER25	no	right	75	71	42	55	56	29	64	28	6000	1:1	-
NGT1-30/431-25/2.1-75	30	ER25	yes	right	75	74	42	55	56	29	64	28	6000	1:1	20
NGT1-40/431-25/1.1-120	40	ER25	no	right	120	92	39	63	65	36	75	50	6000	1:1	-
NGT1-40/431-25/2.1-120	40	ER25	yes	right	120	95	39	63	65	36	75	50	6000	1:1	20
NGT1-40/431-32/1.1-120	40	ER32	no	right	120	92	42	63	65	36	75	50	6000	1:1	-
NGT1-40/431-32/2.1-120	40	ER32	yes	right	120	95	42	63	65	36	75	50	6000	1:1	20
NGT1-30/431-25/3.1-75	30	ER25	yes	right	75	84	42	55	56	29	64	28	6000	1:1	80
NGT1-40/431-25/3.1-120	40	ER25	yes	right	120	105	39	63	65	36	75	50	6000	1:1	80
NGT1-40/431-32/3.1-120	40	ER32	yes	right	120	105	42	63	65	36	75	50	6000	1:1	80

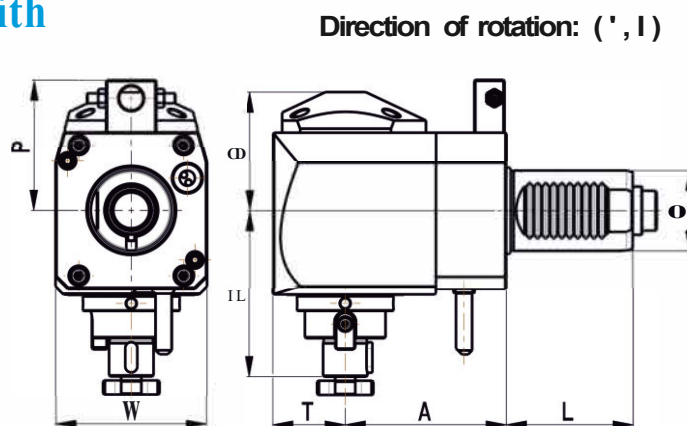
SAUTER TURRET DIN 5480

Variable angle drilling and milling head



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	L	p	T	Wl	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/535-16/1	30	ER16	no	right	79	59	45	55	56	40	64	16	6000	1:1	-
NGT1-30/535-16/2	30	ER16	yes	right	86	59	45	55	56	40	64	16	6000	1:1	20
NGT1-30/531-25/1	30	ER25	no	right	79	59	45	55	56	40	64	16	6000	1:1	-
NGT1-30/531-25/2	30	ER25	yes	right	86	59	45	55	56	40	64	16	6000	1:1	20
NGT1-40/531-25/1	40	ER25	no	right	79	59	65	63	65	40	78	16	6000	1:1	-
NGT1-40/531-25/2	40	ER25	yes	right	86	59	65	63	65	40	78	16	6000	1:1	20
NGT1-30/535-16.1.2	30	ER16	no	left	79	59	45	55	56	40	64	28	6000	1:1	-
NGT1-30/535-16.2.2	30	ER16	yes	left	86	59	45	55	56	40	64	16	6000	1:1	20
NGT1-30/531-25.1.2	30	ER25	no	left	79	59	65	55	56	40	64	16	6000	1:1	-
NGT1-30/531-25.2.2	30	ER25	yes	left	86	59	65	55	56	40	64	16	6000	1:1	20
NGT1-40/531-25.1.2	40	ER25	no	left	79	59	65	63	65	40	78	16	6000	1:1	-
NGT1-40/531-25.2.2	40	ER25	yes	left	86	59	65	63	65	40	78	16	6000	1:1	20
NGT1-50/531-25.1	50	ER25	no	right	79	59	65	78	73	44	94	16	6000	1:1	-
NGT1-50/531-25.2	50	ER25	yes	right	86	59	65	78	73	44	94	16	6000	1:1	20
NGT1-50/531-25.1.2	50	ER25	no	left	79	59	65	78	73	44	94	16	6000	1:1	-
NGT1-50/531-25.2.2	50	ER25	yes	left	86	59	65	78	73	44	94	16	6000	1:1	20

Angular drilling and milling head with Weldon shaft



Code	D	Tool grip	Internal Cooling	Direction	A	B	F	L	p	T	Wl	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/233-16/1.1-80	40	016	no	right	80	59	76.5	63	65	36	75	50	6000	1:1	-
NGT1-40/233-22/1.1-80	40	022	no	right	80	59	82.5	63	65	36	75	50	6000	1:1	-
NGT1-40/233-16/1.3-80	40	016	no	right/left	80	72	76.5	63	65	36	75	50	6000	1:1	-
NGT1-40/233-22/1.3-80	40	022	no	right/left	80	72	82.5	63	65	36	75	50	6000	1:1	-

DUPLOMATIC TURRET DIN 1809



Straight drilling and milling head

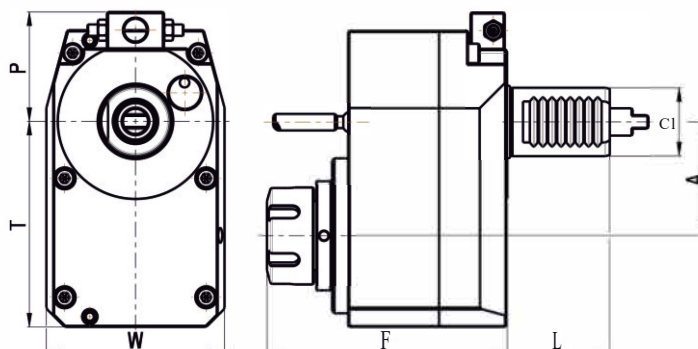
Direction of rotation: (' (\ .



Code	D	Tool grip	IC	F	L	L1	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/121-25/1	30	ER25	no	90	45	62	64	68	28	6000	1:1	-
NGT1-30/121-25/2	30	ER25	yes	90	45	62	64	68	28	6000	1:1	20
NGT1-30/121-25/1 B	30	ER25	no	90	55	67	64	68	28	6000	1:1	-
NGT1-30/121-25/2B	30	ER25	yes	90	55	67	64	68	28	6000	1:1	20
NGT1-40/121-25/1	40	ER25	no	106	53	72	80	86	50	6000	1:1	-
NGT1-40/121-25/2	40	ER25	yes	106	53	72	80	86	50	6000	1:1	20
NGT1-40/121-32/1	40	ER32	no	109	53	72	80	86	50	6000	1:1	-
NGT1-40/121-32/2	40	ER32	yes	109	53	72	80	86	50	6000	1:1	20
NGT1-40/121-32/1S	40	ER32	no	97	53	72	80	86	50	6000	1:1	-
NGT1-40/121-32/2S	40	ER32	yes	97	53	72	80	86	50	6000	1:1	20
NGT1-30/125-25/3ED	30	ER25	yes	88.5	45	62	67	67	28	6000	1:1	80
NGT1-30/125-25/3HD	30	ER25	yes	88.5	45	62	67	67	28	6000	1:1	80
NGT1-30/125-25/3EDB	30	ER25	yes	89.5	55	67	67	67	28	6000	1:1	80
NGT1-30/125-25/3HDB	30	ER25	yes	88.5	55	67	67	67	28	6000	1:1	80
NGT1-40/125-25/3ED	40	ER25	yes	93.5	53	72	79	79	50	6000	1:1	80
NGT1-40/125-25/3HD	40	ER25	yes	93.5	53	72	79	79	50	6000	1:1	80
NGT1-40/125-32/3ED	40	ER32	yes	93.5	53	72	79	79	50	6000	1:1	80
NGT1-40/125-32/3HD	40	ER32	yes	93.5	53	72	79	79	50	6000	1:1	80
NGT1-50/121-32/1	50	ER32	no	114	71	92	88	88	80	6000	1:1	-
NGT1-50/121-32/2	50	ER32	yes	114	71	92	88	88	80	6000	1:1	20
NGT1-50/121-40/1	50	ER40	no	116	71	92	88	88	80	6000	1:1	-
NGT1-50/121-40/2	50	ER40	yes	116	71	92	88	88	80	6000	1:1	20

Offset straight drilling and milling head

Direction of rotation: () - ")



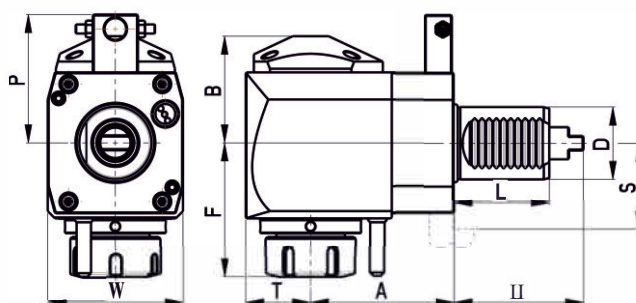
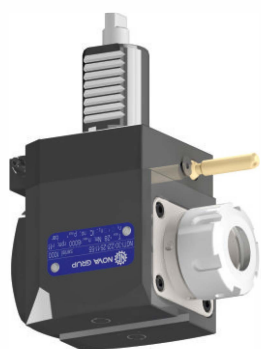
Code	D	Tool grip	IC	Direction	A	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/321-25/1.1-50(1 :2)	30	ER25	no	right	50	108	45	48	90	78	14	12000	1:2	-
NGT1-30/321-25/1.1-50(2:1)	30	ER25	no	right	50	108	45	48	90	78	40	3000	2:1	-

DUPLOMATIC TURRET DIN 1809

Angular drilling and milling head



Direction of rotation: (' , . f)



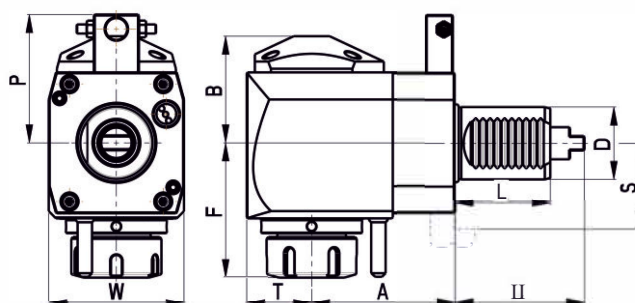
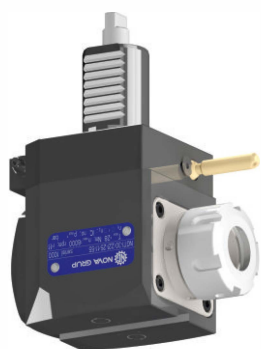
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	S	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/221-25/1.1-55	30	ER25	no	right	55	48	65	45	62	48	-	29	64	28	6000	1:1	-
NGT1-30/221-25/2.1-55	30	ER25	yes	right	55	51	65	45	62	48	-	29	64	28	6000	1:1	20
NGT1-30/221-25/1.2-55B	30	ER25	no	left	55	48	65	55	67	48	-	29	64	28	6000	1:1	-
NGT1-30/221-25/2.2-55B	30	ER25	yes	left	55	51	65	55	67	48	-	29	64	28	6000	1:1	20
NGT1-40/221-25/1.1-80	40	ER25	no	right	80	59	72	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-25/2.1-80	40	ER25	yes	right	80	62	72	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-32/1.1-80	40	ER32	no	right	80	59	75	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-32/2.1-80	40	ER32	yes	right	80	62	75	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-25/1.2-80	40	ER25	no	left	80	59	72	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-25/2.2-80	40	ER25	yes	left	80	62	72	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-32/1.2-80	40	ER32	no	left	80	59	75	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-32/2.2-80	40	ER32	yes	left	80	62	75	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-25/1.2-100D	40	ER25	no	left	100	59	72	53	72	-	48	36	75	50	6000	1:1	-
NGT1-40/221-25/2.2-100D	40	ER25	yes	left	100	62	72	53	72	-	48	36	75	50	6000	1:1	20
NGT1-40/221-32/1.2-100D	40	ER32	no	left	100	59	75	53	72	-	48	36	75	50	6000	1:1	-
NGT1-40/221-32/2.2-100D	40	ER32	yes	left	100	62	75	53	72	-	48	36	75	50	6000	1:1	20
NGT1-40/221-25/1.2-100	40	ER25	no	left	100	59	72	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-25/2.2-100	40	ER25	yes	left	100	62	72	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-32/1.2-100	40	ER32	no	left	100	59	75	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-32/2.2-100	40	ER32	yes	left	100	62	75	53	72	71	-	36	75	50	6000	1:1	20
NGT1-30/221-25/1.2-55	30	ER25	no	left	55	48	65	45	62	48	-	29	64	28	6000	1:1	-
NGT1-30/221-25/2.2-55	30	ER25	yes	left	55	51	65	45	62	48	-	29	64	28	6000	1:1	20
NGT1-30/221-25/1.2-55C	30	ER25	no	left	55	48	65	45	62	56	-	29	64	28	6000	1:1	-
NGT1-30/221-25/2.2-55C	30	ER25	yes	left	55	51	65	45	62	56	-	29	64	28	6000	1:1	20
NGT1-30/221-25/ 1.2-55D	30	ER25	no	left	55	48	65	55	67	56	-	29	64	28	6000	1:1	-
NGT1-30/221-25/2.2-55D	30	ER25	yes	left	55	51	65	55	67	56	-	29	64	28	6000	1:1	20
NGT1-30/221-25/1.2-85	30	ER25	no	left	85	48	65	45	62	48	-	29	64	28	6000	1:1	-
NGT1-30/221-25/2.2-85	30	ER25	yes	left	85	51	65	45	62	48	-	29	64	28	6000	1:1	20
NGT1 -30/221-25/ 1.3-55	30	ER25	no	right/left	55	48	65	45	62	48	-	29	64	28	6000	1:1	-
NGT1 -30/221-25/2. 3-55	30	ER25	yes	right/left	55	51	65	45	62	48	-	29	64	28	6000	1:1	20
NGT1-30/221-25/3.1-55	30	ER25	yes	right	55	61	65	45	62	48	-	29	64	28	6000	1:1	80
NGT1-30/221-25/3.2-55	30	ER25	yes	left	55	61	65	45	62	48	-	29	64	28	6000	1:1	80
NGT1-30/221-25/3.2-55B	30	ER25	yes	left	55	61	65	55	67	48	-	29	64	28	6000	1:1	80
NGT1-30/221-25/3.2-55C	30	ER25	yes	left	55	61	65	45	62	56	-	29	64	28	6000	1:1	80
NGT1-30/221-25/3.2-55D	30	ER25	yes	left	55	61	65	55	67	56	-	29	64	28	6000	1:1	80
NGT1-30/221-25/3.2-85	30	ER25	yes	left	85	61	65	45	62	48	-	29	64	28	6000	1:1	80
NGT1-30/221-25/3.3-55	30	ER25	yes	right/left	55	61	65	45	62	48	-	29	64	28	6000	1:1	80
NGT1-40/221-25/3.1-80	40	ER25	yes	right	80	72	72	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-32/3.1-80	40	ER32	yes	right	80	72	75	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-25/3.2-80	40	ER25	yes	left	80	72	72	53	72	71	-	36	75	50	6000	1:1	80

DUPLOMATIC TURRET DIN 1809

Angular drilling and milling head



Direction of rotation: (' , . f)

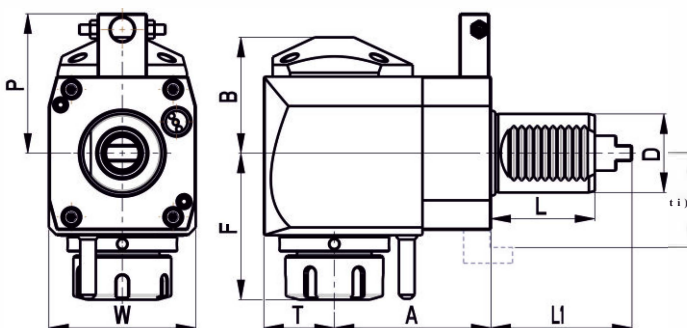


Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	S	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/221-32/3.2-80	40	ER32	yes	left	80	72	75	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-25/3.2-100	40	ER25	yes	left	100	72	72	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-32/3.2-100	40	ER32	yes	left	100	72	75	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-25/3.2-100D	40	ER25	yes	left	100	72	72	53	72	-	48	36	75	50	6000	1:1	80
NGT1-40/221-32/3.2-100D	40	ER32	yes	left	100	72	75	53	72	-	48	36	75	50	6000	1:1	80
NGT1-40/221-25/1.3-80	40	ER25	no	right/left	80	59	72	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-25/2.3-80	40	ER25	yes	right/left	80	62	72	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-25/3.3-80	40	ER25	yes	right/left	80	72	72	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-32/1.3-80	40	ER32	no	right/left	80	59	75	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-32/2.3-80	40	ER32	yes	right/left	80	62	75	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-32/3.3-80	40	ER32	yes	right/left	80	72	75	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-25/1.3-100	40	ER25	no	right/left	100	59	72	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-25/2.3-100	40	ER25	yes	right/left	100	62	72	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-25/3.3-100	40	ER25	yes	right/left	100	72	72	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-32/1.3-100	40	ER32	no	right/left	100	59	75	53	72	71	-	36	75	50	6000	1:1	-
NGT1-40/221-32/2.3-100	40	ER32	yes	right/left	100	62	75	53	72	71	-	36	75	50	6000	1:1	20
NGT1-40/221-32/3.3-100	40	ER32	yes	right/left	100	72	75	53	72	71	-	36	75	50	6000	1:1	80
NGT1-40/221-25/1.3-100D	40	ER25	no	right/left	100	59	72	53	72	-	48	36	75	50	6000	1:1	-
NGT1-40/221-25/2.3-100D	40	ER25	yes	right/left	100	62	72	53	72	-	48	36	75	50	6000	1:1	20
NGT1-40/221-25/3.3-100D	40	ER25	yes	right/left	100	72	72	53	72	-	48	36	75	50	6000	1:1	80
NGT1-40/221-32/1.3-100D	40	ER32	no	right/left	100	59	75	53	72	-	48	36	75	50	6000	1:1	-
NGT1-40/221-32/2.3-100D	40	ER32	yes	right/left	100	62	75	53	72	-	48	36	75	50	6000	1:1	20
NGT1-40/221-32/3.3-100D	40	ER32	yes	right/left	100	72	75	53	72	-	48	36	75	50	6000	1:1	80
NGT1-50/221-32/1.1-110	50	ER32	no	right	110	64	117	71	92	83	-	42	88	80	6000	1:1	-
NGT1-50/221-32/2.1-110	50	ER32	yes	right	110	64	117	71	92	83	-	42	88	80	6000	1:1	20
NGT1-50/221-32/3.1-110	50	ER32	yes	right	110	75	117	71	92	83	-	42	88	80	6000	1:1	80
NGT1-50/221-40/1.1-110	50	ER40	no	right	110	64	119	71	92	83	-	42	88	80	6000	1:1	-
NGT1-50/221-40/2.1-110	50	ER40	yes	right	110	64	119	71	92	83	-	42	88	80	6000	1:1	20
NGT1-50/221-40/3.1-110	50	ER40	yes	right	110	75	119	71	92	83	-	42	88	80	6000	1:1	80
NGT1-50/221-32/1.2-110	50	ER32	no	left	110	64	117	71	92	83	-	42	88	80	6000	1:1	-
NGT1-50/221-32/2.2-110	50	ER32	yes	left	110	64	117	71	92	83	-	42	88	80	6000	1:1	20
NGT1-50/221-32/3.2-110	50	ER32	yes	left	110	75	117	71	92	83	-	42	88	80	6000	1:1	80
NGT1-50/221-40/1.2-110	50	ER40	no	left	110	64	119	71	92	83	-	42	88	80	6000	1:1	-
NGT1-50/221-40/2.2-110	50	ER40	yes	left	110	64	119	71	92	83	-	42	88	80	6000	1:1	20
NGT1-50/221-40/3.2-110	50	ER40	yes	left	110	75	119	71	92	83	-	42	88	80	6000	1:1	80
NGT1-50/221-32/1.3-110	50	ER32	no	right/left	110	64	117	71	92	83	-	42	88	80	6000	1:1	-

DUPLOMATIC TURRET DIN 1809



Direction of rotation: (\\)



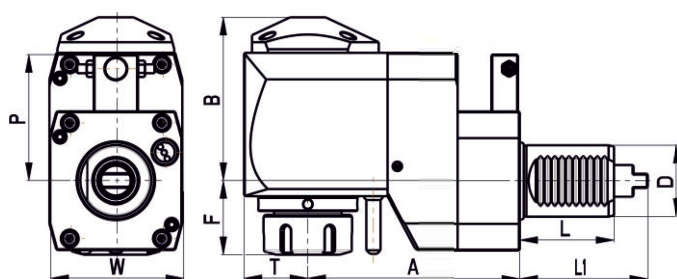
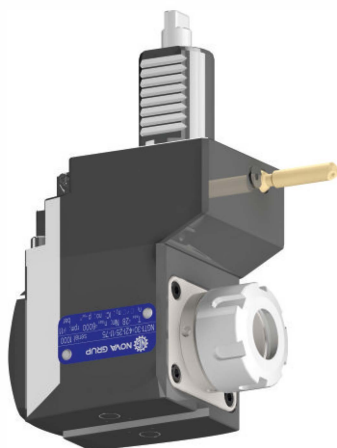
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	S	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-50/221-32/2.3-110	50	ER32	yes	right/left	110	64	117	71	92	83	-	42	88	80	6000	1:1	20
NGT1-50/221-32/3.3-110	50	ER32	yes	right/left	110	75	117	71	92	83	-	42	88	80	6000	1:1	80
NGT1-50/221-40/1.3-110	50	ER40	no	right/left	110	64	119	71	92	83	-	42	88	80	6000	1:1	-
NGT1-50/221-40/2.3-110	50	ER40	yes	right/left	110	64	119	71	92	83	-	42	88	80	6000	1:1	20
NGT1-50/221-40/3.3-110	50	ER40	yes	right/left	110	75	119	71	92	83	-	42	88	80	6000	1:1	80
NGT1-50/221-32/1.1-110B	50	ER32	no	right	110	64	117	71	92	76	-	42	88	80	6000	1:1	-
NGT1-50/221-32/2.1-110B	50	ER32	yes	right	110	64	117	71	92	76	-	42	88	80	6000	1:1	20
NGT1-50/221-32/3.1-110B	50	ER32	yes	right	110	75	117	71	92	76	-	42	88	80	6000	1:1	80
NGT1-50/221-40/1.1-110B	50	ER40	no	right	110	64	119	71	92	76	-	42	88	80	6000	1:1	-
NGT1-50/221-40/2.1-110B	50	ER40	yes	right	110	64	119	71	92	76	-	42	88	80	6000	1:1	20
NGT1-50/221-40/3.1-110B	50	ER40	yes	right	110	75	119	71	92	76	-	42	88	80	6000	1:1	80
NGT1-50/221-32/1.2-110B	50	ER32	no	left	110	64	117	71	92	76	-	42	88	80	6000	1:1	-
NGT1-50/221-32/2.2-110B	50	ER32	yes	left	110	64	117	71	92	76	-	42	88	80	6000	1:1	20
NGT1-50/221-32/3.2-110B	50	ER32	yes	left	110	75	117	71	92	76	-	42	88	80	6000	1:1	80
NGT1-50/221-40/1.2-110B	50	ER40	no	left	110	64	119	71	92	76	-	42	88	80	6000	1:1	-
NGT1-50/221-40/2.2-110B	50	ER40	yes	left	110	64	119	71	92	76	-	42	88	80	6000	1:1	20
NGT1-50/221-40/3.2-110B	50	ER40	yes	left	110	75	119	71	92	76	-	42	88	80	6000	1:1	80

DUPLOMATIC TURRET DIN 1809

Offset angular drilling and milling head



Direction of rotation: \(\backslash\)



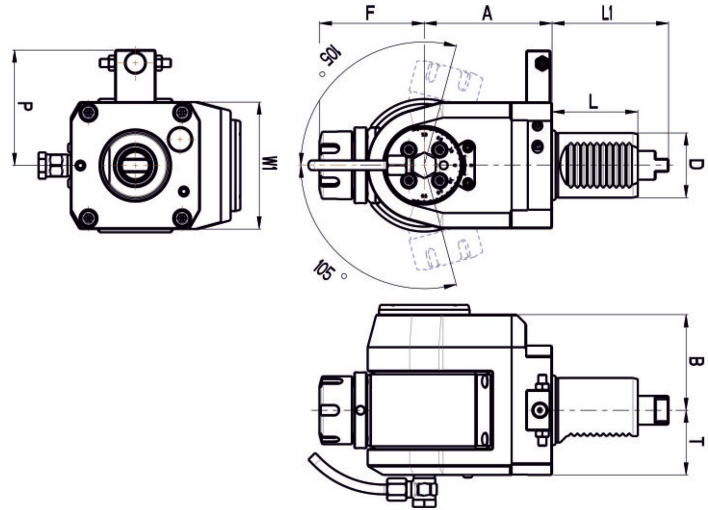
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/421-25/1.1-75	30	ER25	no	right	75	71	42	45	62	48	29	64	28	6000	1:1	-
NGT1-30/421-25/2.1-75	30	ER25	yes	right	75	74	42	45	62	48	29	64	28	6000	1:1	20
NGT1-30/421-25/1.2-75B	30	ER25	no	left	75	71	42	55	67	48	29	64	28	6000	1:1	-
NGT1-30/421-25/2.2-75B	30	ER25	yes	left	75	74	42	55	67	48	29	64	28	6000	1:1	20
NGT1-40/421-25/1.1-120	40	ER25	no	right	120	92	39	53	72	71	36	75	50	6000	1:1	-
NGT1-40/421-25/2.1-120	40	ER25	yes	right	120	95	39	53	72	71	36	75	50	6000	1:1	20
NGT1-40/421-32/1.1-120	40	ER32	no	right	120	92	42	53	72	71	36	75	50	6000	1:1	-
NGT1-40/421-32/2.1-120	40	ER32	yes	right	120	95	42	53	72	71	36	75	50	6000	1:1	20
NGT1-30/421-25/1.2-75	30	ER25	no	left	75	71	42	45	62	48	29	64	28	6000	1:1	++
NGT1-30/421-25/2.2-75	30	ER25	yes	left	75	74	42	45	62	48	29	64	28	6000	1:1	20
NGT1-30/421-25/3.2-75	30	ER25	yes	left	75	84	42	45	62	48	29	64	28	6000	1:1	80
NGT1-30/421-25/3.1-75	30	ER25	yes	right	75	84	42	45	62	48	29	64	28	6000	1:1	80
NGT1-30/421-25/3.2-75B	30	ER25	yes	left	75	84	42	55	67	48	29	64	28	6000	1:1	80
NGT1-40/421-25/3.1-120	40	ER25	yes	right	120	105	39	53	72	71	36	75	50	6000	1:1	80
NGT1-40/421-32/3.1-120	40	ER32	yes	right	120	105	42	53	72	71	36	75	50	6000	1:1	80

DUPLOMATIC TURRET DIN 1809

Variable angle drilling and milling head



Direction of rotation: **00**



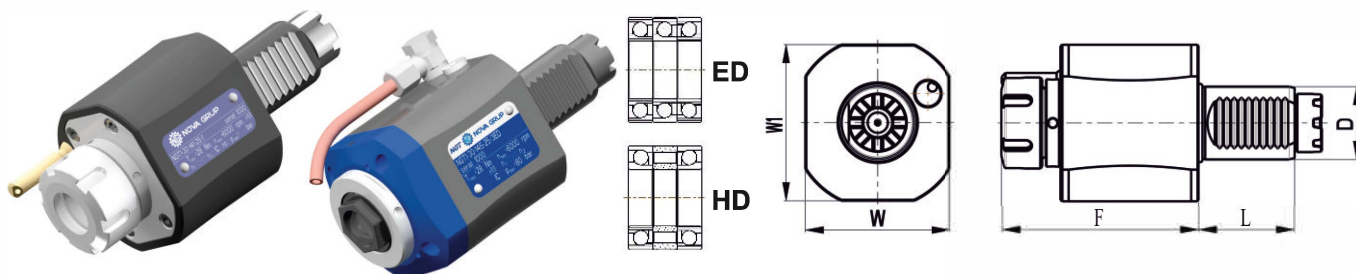
Code	D	Tool grip	C	Direction	A	B	F	L	L1	p	T	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/525-16/1	30	ER16	no	right	79	59	45	45	62	48	40	64	16	6000	1:1	-
NGT1-30/525-16/2	30	ER16	yes	right	86	59	45	45	62	48	40	64	16	6000	1:1	20
NGT1-30/521-25/1	30	ER25	no	right	79	59	45	45	62	48	40	64	16	6000	1:1	-
NGT1-30/521-25/2	30	ER25	yes	right	86	59	45	45	62	48	40	64	16	6000	1:1	20
NGT1-30/525-16/1B	30	ER16	no	right	79	59	65	55	67	48	40	64	16	6000	1:1	-
NGT1-30/525-16/2B	30	ER16	yes	right	86	59	65	55	67	48	40	64	16	6000	1:1	20
NGT1-30/521-25/1 B	30	ER25	no	right	79	59	65	55	67	48	40	64	16	6000	1:1	-
NGT1-30/521-25/2B	30	ER25	yes	right	86	59	65	55	67	48	40	64	16	6000	1:1	20
NGT1-40/521-25/1	40	ER25	no	right	79	59	65	53	62	71	40	78	16	6000	1:1	-
NGT1-40/521-25/2	40	ER25	yes	right	86	59	65	53	62	71	40	78	16	6000	1:1	20
NGT1-30/525-16.1.2	30	ER16	no	left	79	59	45	45	62	48	40	64	16	6000	1:1	-
NGT1-30/525-16.2.2	30	ER16	yes	left	86	59	45	45	62	48	40	64	16	6000	1:1	20
NGT1-30/521-25.1.2	30	ER25	no	left	79	59	65	45	62	48	40	64	16	6000	1:1	-
NGT1-30/521-25.2.2	30	ER25	yes	left	86	59	65	45	62	48	40	64	16	6000	1:1	20
NGT1-30/525-16.1.2B	30	ER16	no	left	79	59	45	55	67	48	40	64	16	6000	1:1	-
NGT1-30/525-16.2.2B	30	ER16	yes	left	86	59	45	55	67	48	40	64	16	6000	1:1	20
NGT1-30/521-25.1.2B	30	ER25	no	left	79	59	65	55	67	48	40	64	16	6000	1:1	-
NGT1-30/521-25.2.2B	30	ER25	yes	left	86	59	65	55	67	48	40	64	16	6000	1:1	20
NGT1-40/521-25.1.2	40	ER25	no	left	79	59	65	53	72	71	40	78	16	6000	1:1	-
NGT1-40/521-25.2.2	40	ER25	yes	left	86	59	65	53	72	71	40	78	16	6000	1:1	20
NGT1-50/521-25.1	50	ER25	no	right	79	59	65	72	92	83	44	94	16	6000	1:1	-
NGT1-50/521-25.2	50	ER25	yes	right	86	59	65	72	92	83	44	94	16	6000	1:1	20
NGT1-50/521-25.1.2	50	ER25	no	left	79	59	65	72	92	83	44	94	16	6000	1:1	-
NGT1-50/521-25.2.2	50	ER25	yes	left	86	59	65	72	92	83	44	94	16	6000	1:1	20
NGT1-50/521-25.1 B	50	ER25	no	right	79	59	65	72	92	76	44	94	16	6000	1:1	-
NGT1-50/521-25.2B	50	ER25	yes	right	86	59	65	72	92	76	44	94	16	6000	1:1	20
NGT1-50/521-25.1.2B	50	ER25	no	left	79	59	65	72	92	76	44	94	16	6000	1:1	-
NGT1-50/521-25.2.2B	50	ER25	yes	left	86	59	65	72	92	76	44	94	16	6000	1:1	20

BARUFFALDI / TOEM TURRET

Straight drilling and milling head



Direction of rotation: **00**



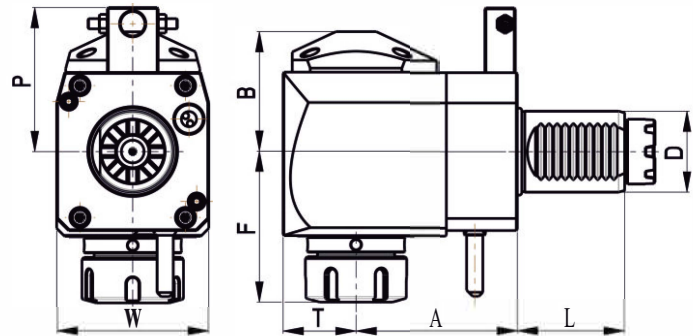
Code	D	Tool grip	IC	F	L	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/141-25/1	30	ER25	no	90	45	64	68	28	6000	1:1	-
NGT1-30/141-25/2	30	ER25	yes	90	45	64	68	28	6000	1:1	20
NGT1-40/141-25/1	40	ER25	no	106	53	80	86	50	6000	1:1	-
NGT1-40/141-25/2	40	ER25	yes	106	53	80	86	50	6000	1:1	20
NGT1-40/141-32/1	40	ER32	no	109	53	80	86	50	6000	1:1	-
NGT1-40/141-32/2	40	ER32	yes	109	53	80	86	50	6000	1:1	20
NGT1-30/145-25/3ED	30	ER25	yes	88,5	45	67	67	28	6000	1:1	80
NGT1-30/145-25/3HD	30	ER25	yes	88,5	45	67	67	28	6000	1:1	80
NGT1-40/145-25/3ED	40	ER25	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/145-25/3HD	40	ER25	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/145-32/3ED	40	ER32	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/145-32/3HD	40	ER32	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-50/141-32/1	50	ER32	no	114	71	88	88	80	6000	1:1	-
NGT1-50/141-32/2	50	ER32	yes	114	71	88	88	80	6000	1:1	20
NGT1-50/141-40/1	50	ER40	no	116	71	88	88	80	6000	1:1	-
NGT1-50/141-40/2	50	ER40	yes	116	71	88	88	80	6000	1:1	20

BARUFFALDI / TOEM TURRET

Angular drilling and milling head



Direction of rotation: (' -')



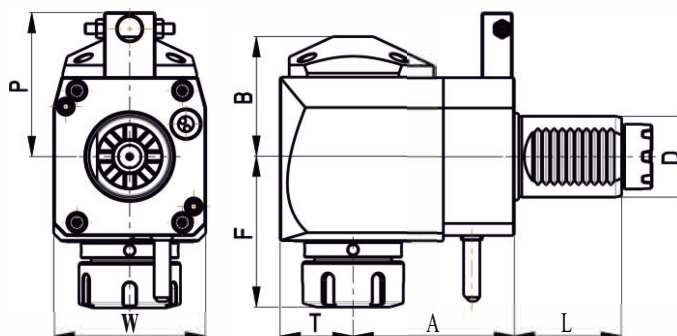
Code	D	Tool grip	IC	Direction	A	B	F	L	p	C	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/241-25/1.1-55	30	ER25	no	right	55	48	65	45	48	-	29	64	28	6000	1:1	-
NGT1-30/241-25/2.1-55	30	ER25	yes	right	55	51	65	45	48	-	29	64	28	6000	1:1	20
NGT1-30/241-25/1.1-85	30	ER25	no	right	85	48	65	45	48	-	29	64	28	6000	1:1	-
NGT1-30/241-25/2.1-85	30	ER25	yes	right	85	51	65	45	48	-	29	64	28	6000	1:1	20
NGT1-30/241-25/1.2-55	30	ER25	no	left	55	48	65	45	48	-	29	64	28	6000	1:1	-
NGT1-30/241-25/2.2-55	30	ER25	yes	left	55	51	65	45	48	-	29	64	28	6000	1:1	20
NGT1-30/241-25/1.2-85	30	ER25	no	left	85	48	65	45	48	-	29	64	28	6000	1:1	-
NGT1-30/241-25/2.2-85	30	ER25	yes	left	85	51	65	45	48	-	29	64	28	6000	1:1	20
NGT1-40/241-25/1.1-80	40	ER25	no	right	80	59	72	53	71	-	36	75	50	6000	1:1	-
NGT1-40/241-25/2.1-80	40	ER25	yes	right	80	62	72	53	71	-	36	75	50	6000	1:1	20
NGT1-40/241-32/1.1-80	40	ER32	no	right	80	59	75	53	71	-	36	75	50	6000	1:1	-
NGT1-40/241-32/2.1-80	40	ER32	yes	right	80	62	75	53	71	-	36	75	50	6000	1:1	20
NGT1-40/241-25/1.2-80	40	ER25	no	left	80	59	72	53	71	-	36	75	50	6000	1:1	-
NGT1-40/241-25/2.2-80	40	ER25	yes	left	80	62	72	53	71	-	36	75	50	6000	1:1	20
NGT1-40/241-32/1.2-80	40	ER32	no	left	80	59	75	53	71	-	36	75	50	6000	1:1	-
NGT1-40/241-32/2.2-80	40	ER32	yes	left	80	62	75	53	71	-	36	75	50	6000	1:1	20
NGT1-40/241-25/1.2-80D	40	ER25	no	left	80	59	72	53	-	42,5	36	75	50	6000	1:1	-
NGT1-40/241-25/2.2-80D	40	ER25	yes	left	80	62	72	53	-	42,5	36	75	50	6000	1:1	20
NGT1-40/241-32/1.2-80D	40	ER32	no	left	80	59	75	53	-	42,5	36	75	50	6000	1:1	-
NGT1-40/241-32/2.2-80D	40	ER32	yes	left	80	62	75	53	-	42,5	36	75	50	6000	1:1	20
NGT1-30/241-25/3.1-55	30	ER25	yes	right	55	61	65	45	48	-	29	64	28	6000	1:1	80
NGT1-30/241-25/3.2-55	30	ER25	yes	left	55	61	65	45	48	-	29	64	28	6000	1:1	80
NGT1-30/241-25/3.1-85	30	ER25	yes	right	85	61	65	45	48	-	29	64	28	6000	1:1	80
NGT1-30/241-25/3.2-85	30	ER25	yes	left	85	61	65	45	48	-	29	64	28	6000	1:1	80
NGT1-30/241-25/1.2-85D	30	ER25	no	left	85	48	65	45	-	35	29	64	28	6000	1:1	-
NGT1-30/241-25/2.2-85D	30	ER25	yes	left	85	51	65	45	-	35	29	64	28	6000	1:1	20
NGT1-30/241-25/3.2-85D	30	ER25	yes	left	85	61	65	45	-	35	29	64	28	6000	1:1	80
NGT1-30/241-25/1.3-85D	30	ER25	no	right/left	85	48	65	45	-	35	29	64	28	6000	1:1	-
NGT1-30/241-25/2.3-85D	30	ER25	yes	right/left	85	51	65	45	-	35	29	64	28	6000	1:1	20
NGT1-30/241-25/3.3-85D	30	ER25	yes	right/left	85	61	65	45	-	35	29	64	28	6000	1:1	80
NGT1-40/241-25/3.1-80	40	ER25	yes	right	80	72	65	53	71	-	36	75	50	6000	1:1	80
NGT1-40/241-32/3.1-80	40	ER32	yes	right	80	72	72	53	71	-	36	75	50	6000	1:1	80
NGT1-40/241-25/3.2-80	40	ER25	yes	left	80	72	75	53	71	-	36	75	50	6000	1:1	80
NGT1-40/241-32/3.2-80	40	ER32	yes	left	80	72	72	53	71	-	36	75	50	6000	1:1	80
NGT1-40/241-25/3.2-80D	40	ER25	yes	left	80	72	75	53	-	42,5	36	75	50	6000	1:1	80
NGT1-40/241-32/3.2-80D	40	ER32	yes	left	80	72	72	53	-	42,5	36	75	50	6000	1:1	80
NGT1-40/241-25/1.3-80	40	ER25	yes	right/left	80	59	75	53	71	-	36	75	50	6000	1:1	-
NGT1-40/241-25/2.3-80	40	ER25	yes	right/left	80	62	72	53	71	-	36	75	50	6000	1:1	20
NGT1-40/241-25/3.3-80	40	ER25	yes	right/left	80	72	72	53	71	-	36	75	50	6000	1:1	80
NGT1-40/241-32/1.3-80	40	ER32	yes	right/left	80	59	75	53	71	-	36	75	50	6000	1:1	-
NGT1-40/241-32/2.3-80	40	ER32	yes	right/left	80	62	75	53	71	-	36	75	50	6000	1:1	20
NGT1-40/241-32/3.3-80	40	ER32	yes	right/left	80	72	75	53	71	-	36	75	50	6000	1:1	80
NGT1-40/241-25/1.3-80D	40	ER25	yes	right/left	80	59	72	53	-	42,5	36	75	50	6000	1:1	-
NGT1-40/241-25/2.3-80D	40	ER25	yes	right/left	80	62	72	53	-	42,5	36	75	50	6000	1:1	20

BARUFFALDI / TOEM TURRET

Angular drilling and milling head



Direction of rotation: ('-')



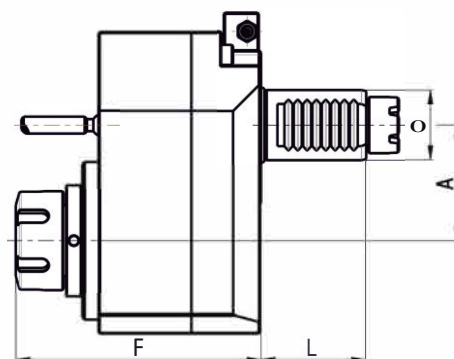
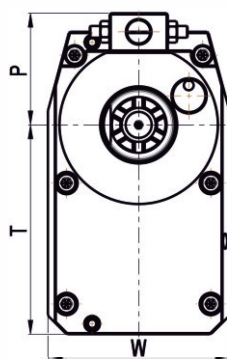
Code	D	Tool grip	IC	Direction	A	B	F	L	p	C	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/241-25/3.3-80D	40	ER25	yes	right/left	80	72	72	53	-	42,5	36	75	50	6000	1:1	80
NGT1-40/241-32/1.3-80D	40	ER32	no	right/left	80	59	75	53	-	42,5	36	75	50	6000	1:1	-
NGT1-40/241-32/2.3-80D	40	ER32	yes	right/left	80	62	75	53	-	42,5	36	75	50	6000	1:1	20
NGT1-40/241-32/3.3-80D	40	ER32	yes	right/left	80	72	75	53	-	42,5	36	75	50	6000	1:1	80
NGT1-40/241-32/1.2-80C	40	ER32	no	left	80	59	75	53	-	57,5	36	75	50	6000	1:1	-
NGT1-40/241-32/2.2-80C	40	ER32	yes	left	80	62	75	53	-	57,5	36	75	50	6000	1:1	20
NGT1-40/241-32/3.2-80C	40	ER32	yes	left	80	72	75	53	-	57,5	36	75	50	6000	1:1	80
NGT1-40/241-32/1.3-80C	40	ER32	no	right/left	80	59	75	53	-	57,5	36	75	50	6000	1:1	-
NGT1-40/241-32/2.3-80C	40	ER32	yes	right/left	80	62	75	53	-	57,5	36	75	50	6000	1:1	20
NGT1-40/241-32/3.3-80C	40	ER32	yes	right/left	80	72	75	53	-	57,5	36	75	50	6000	1:1	80
NGT1-50/241-32/1.1-110	50	ER32	no	right	110	64	117	71	83	-	42	88	80	6000	1:1	-
NGT1-50/241-32/2.1-110	50	ER32	yes	right	110	64	117	71	83	-	42	88	80	6000	1:1	20
NGT1-50/241-32/3.1-110	50	ER32	yes	right	110	75	117	71	83	-	42	88	80	6000	1:1	80
NGT1-50/241-40/1.1-110	50	ER40	no	right	110	64	119	71	83	-	42	88	80	6000	1:1	-
NGT1-50/241-40/2.1-110	50	ER40	yes	right	110	64	119	71	83	-	42	88	80	6000	1:1	20
NGT1-50/241-40/3.1-110	50	ER40	yes	right	110	75	119	71	83	-	42	88	80	6000	1:1	80
NGT1-50/241-32/1.2-110	50	ER32	no	left	110	64	117	71	83	-	42	88	80	6000	1:1	-
NGT1-50/241-32/2.2-110	50	ER32	yes	left	110	64	117	71	83	-	42	88	80	6000	1:1	20
NGT1-50/241-32/3.2-110	50	ER32	yes	left	110	75	117	71	83	-	42	88	80	6000	1:1	80
NGT1-50/241-40/1.2-110	50	ER40	no	left	110	64	119	71	83	-	42	88	80	6000	1:1	-
NGT1-50/241-40/2.2-110	50	ER40	yes	left	110	64	119	71	83	-	42	88	80	6000	1:1	20
NGT1-50/241-40/3.2-110	50	ER40	yes	left	110	75	119	71	83	-	42	88	80	6000	1:1	80

BARUFFALDI / TOEM TURRET

Offset straight drilling and milling head



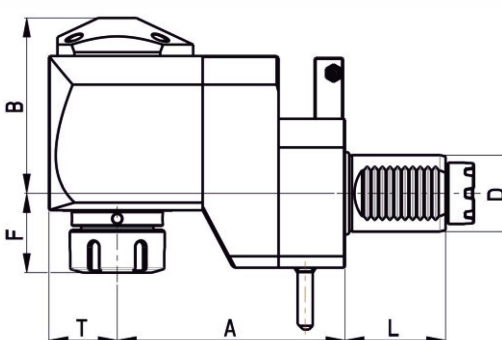
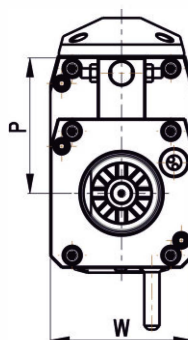
Direction of rotation:



Code	D	Tool grip	Internal Cooling	Direction	A	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/341-25/1.1-50(1:2)	30	ER25	no	right	50	108	45	48	90	78	14	12000	1:2	-
NGT1-30/341-25/1.1-50(2:1)	30	ER25	no	right	50	108	45	48	90	78	40	3000	2:1	-

Offset angular drilling and milling head

Direction of rotation:



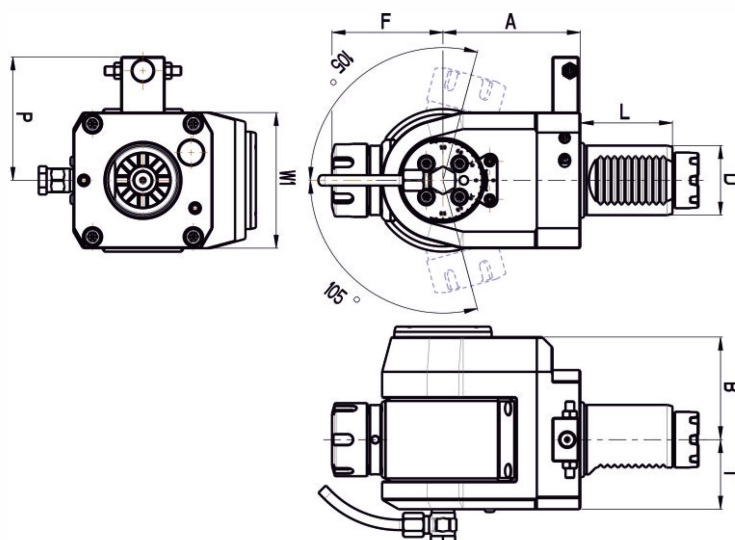
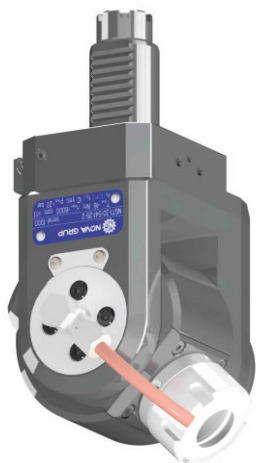
Code	D	Tool grip	Internal Cooling	Direction	A	B	F	L	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/441-25/1.1-75	30	ER25	no	right	75	71	42	45	48	29	64	28	6000	1:1	-
NGT1-30/441-25/2.1-75	30	ER25	yes	right	75	74	42	45	48	29	64	28	6000	1:1	20
NGT1-40/441-25/1.1-120	40	ER25	no	right	120	92	39	53	71	36	75	50	6000	1:1	-
NGT1-40/441-25/2.1-120	40	ER25	yes	right	120	95	39	53	71	36	75	50	6000	1:1	20
NGT1-40/441-25/1.2-120	40	ER25	no	left	120	92	39	53	71	36	75	50	6000	1:1	-
NGT1-40/441-25/2.2-120	40	ER25	yes	left	120	95	39	53	71	36	75	50	6000	1:1	20
NGT1-40/441-32/1.1-120	40	ER32	no	right	120	92	39	53	71	36	75	50	6000	1:1	-
NGT1-40/441-32/2.1-120	40	ER32	yes	right	120	95	39	53	71	36	75	50	6000	1:1	20
NGT1-30/441-25/3.1-75	30	ER25	yes	right	75	84	42	45	48	29	64	28	6000	1:1	80
NGT1-40/441-25/3.1-120	40	ER25	yes	right	120	105	39	53	71	36	75	50	6000	1:1	80
NGT1-40/441-32/3.1-120	40	ER32	yes	right	120	105	42	53	71	36	75	50	6000	1:1	80
NGT1-40/441-25/3.2-120	40	ER25	yes	left	120	105	39	53	71	36	75	50	6000	1:1	80
NGT1-40/441-32/3.2-120	40	ER32	yes	left	120	105	42	53	71	36	75	50	6000	1:1	80

BARUFFALDI / TOEM TURRET

Variable angle drilling and milling head



Direction of rotation: **00**



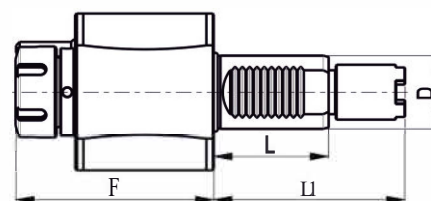
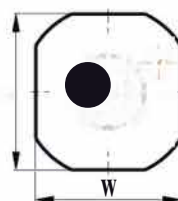
Code	D	Tool grip	Internal Cooling	Direction	A	B	F	L	p	T	WI	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/545-16/1	30	ER16	no	right	79	59	45	45	48	40	64	16	6000	1:1	-
NGT1-30/545-16/2	30	ER16	yes	right	86	59	45	45	48	40	64	16	6000	1:1	20
NGT1-30/541-25/1	30	ER25	no	right	79	59	65	45	48	40	64	16	6000	1:1	-
NGT1-30/541-25/2	30	ER25	yes	right	86	59	65	45	48	40	64	16	6000	1:1	20
NGT1-40/541-25/1	40	ER25	no	right	79	59	65	53	71	40	78	16	6000	1:1	-
NGT1-40/541-25/2	40	ER25	yes	right	86	59	65	53	71	40	78	16	6000	1:1	20
NGT1-30/545-16.1.2	30	ER16	no	left	79	59	45	45	48	40	64	16	6000	1:1	-
NGT1-30/545-16.2.2	30	ER16	yes	left	86	59	45	45	48	40	64	16	6000	1:1	-
NGT1-30/541-25.1.2	30	ER25	no	left	79	59	65	45	48	40	64	16	6000	1:1	20
NGT1-30/541-25.2.2	30	ER25	yes	left	86	59	65	45	48	40	64	16	6000	1:1	-
NGT1-40/541-25.1.2	40	ER25	no	left	79	59	65	53	71	40	78	16	6000	1:1	20
NGT1-40/541-25.2.2	40	ER25	yes	left	86	59	65	53	71	40	78	16	6000	1:1	-
NGT1-50/541-25.1	50	ER25	no	right	79	59	65	71	83	44	94	16	6000	1:1	20
NGT1-50/541-25.2	50	ER25	yes	right	86	59	65	71	83	44	94	16	6000	1:1	-
NGT1-50/541-25.1.2	50	ER25	no	left	79	59	65	71	83	44	94	16	6000	1:1	20
NGT1-50/541-25.2.2	50	ER25	yes	left	86	59	65	71	83	44	94	16	6000	1:1	-

HAAS TURRET

Straight drilling and milling head



IE \
; HD



Direction of rotation: (\ \)

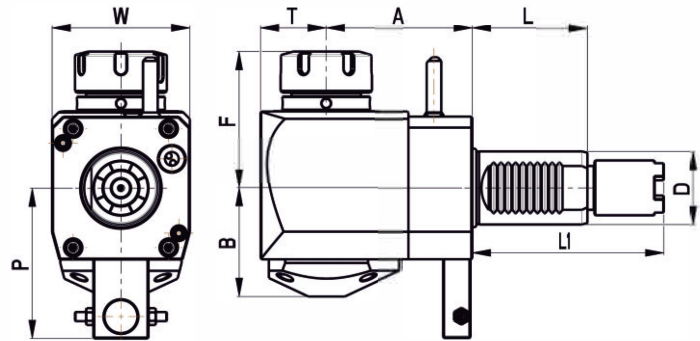
Code	D	Tool grip	IC	F	L	L1	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/151-25/1A	40	ER25	no	106	63	104,85	80	86	50	6000	1:1	-
NGT1-40/151-25/2A	40	ER25	yes	106	63	104,85	80	86	50	6000	1:1	20
NGT1-40/151-32/1A	40	ER32	no	109	63	104,85	80	86	50	6000	1:1	-
NGT1-40/151-32/2A	40	ER32	yes	109	63	104,85	80	86	50	6000	1:1	20
NGT1-40/151-25/1 B	40	ER25	no	106	63	117,55	80	86	50	6000	1:1	-
NGT1-40/151-25/2B	40	ER25	yes	106	63	117,55	80	86	50	6000	1:1	20
NGT1-40/151-32/1 B	40	ER32	no	109	63	117,55	80	86	50	6000	1:1	-
NGT1-40/151-32/2B	40	ER32	yes	109	63	117,55	80	86	50	6000	1:1	20
NGT1-40/151-25/1C	40	ER25	no	106	63	130,25	80	86	50	6000	1:1	-
NGT1-40/151-25/2C	40	ER25	yes	106	63	130,25	80	86	50	6000	1:1	20
NGT1-40/151-32/1C	40	ER32	no	109	63	130,25	80	86	50	6000	1:1	-
NGT1-40/151-32/2C	40	ER32	yes	109	63	130,25	80	86	50	6000	1:1	20
NGT1-40/155-25/3EDA	40	ER25	yes	93,5	63	104,85	79	79	50	6000	1:1	80
NGT1-40/155-25/3HDA	40	ER25	yes	93,5	63	104,85	79	79	50	6000	1:1	80
NGT1-40/155-32/3EDA	40	ER32	yes	93,5	63	104,85	79	79	50	6000	1:1	80
NGT1-40/155-32/3HDA	40	ER32	yes	93,5	63	104,85	79	79	50	6000	1:1	80
NGT1-40/155-25/3EDB	40	ER25	yes	93,5	63	117,55	79	79	50	6000	1:1	80
NGT1-40/155-25/3HDB	40	ER25	yes	93,5	63	117,55	79	79	50	6000	1:1	80
NGT1-40/155-32/3EDB	40	ER32	yes	93,5	63	117,55	79	79	50	6000	1:1	80
NGT1-40/155-32/3HDB	40	ER32	yes	93,5	63	117,55	79	79	50	6000	1:1	80
NGT1-40/155-25/3EDC	40	ER25	yes	93,5	63	130,25	79	79	50	6000	1:1	80
NGT1-40/155-25/3HDC	40	ER25	yes	93,5	63	130,25	79	79	50	6000	1:1	80
NGT1-40/155-32/3EDC	40	ER32	yes	93,5	63	130,25	79	79	50	6000	1:1	80
NGT1-40/155-32/3HDC	40	ER32	yes	93,5	63	130,25	79	79	50	6000	1:1	80

HAAS TURRET

Angular drilling and milling head



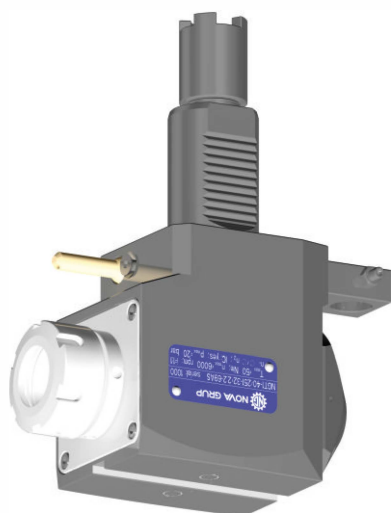
Direction of rotation: **0 Q**



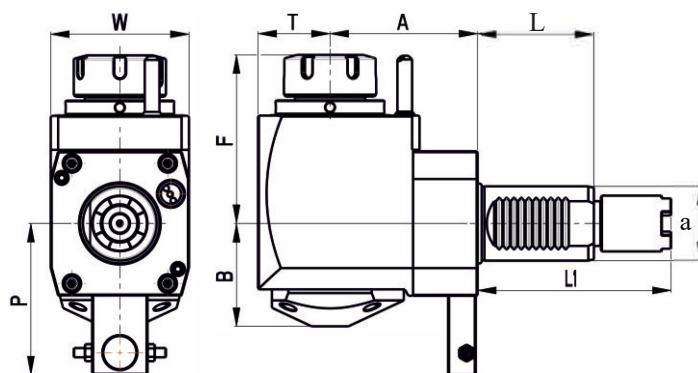
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/251-25/1.2-80A	40	ER25	no	left	80	59	72	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-80A	40	ER25	yes	left	80	62	72	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80A	40	ER32	no	left	80	59	75	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80A	40	ER32	yes	left	80	62	75	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/251-25/1.2-80B	40	ER25	no	left	80	59	72	63	117.55	82	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-80B	40	ER25	yes	left	80	62	72	63	117.55	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80B	40	ER32	no	left	80	59	75	63	117.55	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80B	40	ER32	yes	left	80	62	75	63	117.55	82	36	75	50	6000	1:1	20
NGT1-40/251-25/1.2-80C	40	ER25	no	left	80	59	72	63	130.25	82	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-80C	40	ER25	yes	left	80	62	72	63	130.25	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80C	40	ER32	no	left	80	59	75	63	130.25	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80C	40	ER32	yes	left	80	62	75	63	130.25	82	36	75	50	6000	1:1	20
NGT1-40/251-25/1.2-69A	40	ER25	no	left	69	59	72	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-69A	40	ER25	yes	left	69	62	72	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-69A	40	ER32	no	left	69	59	75	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-69A	40	ER32	yes	left	69	62	75	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/251-25/1.2-69B	40	ER25	no	left	69	59	72	63	117.55	82	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-69B	40	ER25	yes	left	69	62	72	63	117.55	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-69B	40	ER32	no	left	69	59	75	63	117.55	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-69B	40	ER32	yes	left	69	62	75	63	117.55	82	36	75	50	6000	1:1	20
NGT1-40/251-25/1.2-69C	40	ER25	no	left	69	59	72	63	130.25	82	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-69C	40	ER25	yes	left	69	62	72	63	130.25	82	36	75	50	6000	1:1	20
NGT1-40/251-25/3.2-80A	40	ER25	yes	left	80	72	72	63	104.85	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-80A	40	ER32	yes	left	80	72	75	63	104.85	82	36	75	50	6000	1:1	80
NGT1-40/251-25/3.2-80B	40	ER25	yes	left	80	72	72	63	117.55	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-80B	40	ER32	yes	left	80	72	75	63	117.55	82	36	75	50	6000	1:1	80
NGT1-40/251-25/3.2-80C	40	ER25	yes	left	80	72	72	63	130.25	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-80C	40	ER32	yes	left	80	72	75	63	130.25	82	36	75	50	6000	1:1	80
NGT1-40/251-25/3.2-69A	40	ER25	yes	left	69	72	72	63	104.85	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-69A	40	ER32	yes	left	69	72	75	63	104.85	82	36	75	50	6000	1:1	80
NGT1-40/251-25/3.2-69B	40	ER25	yes	left	69	72	72	63	117.55	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-69B	40	ER32	yes	left	69	72	75	63	117.55	82	36	75	50	6000	1:1	80
NGT1-40/251-25/3.2-69C	40	ER25	yes	left	69	72	72	63	130.25	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-69C	40	ER32	yes	left	69	72	75	63	130.25	82	36	75	50	6000	1:1	80

HAAS TURRET

Angular drilling and milling head - SAME DIRECTION



Direction of rotation: (\\)



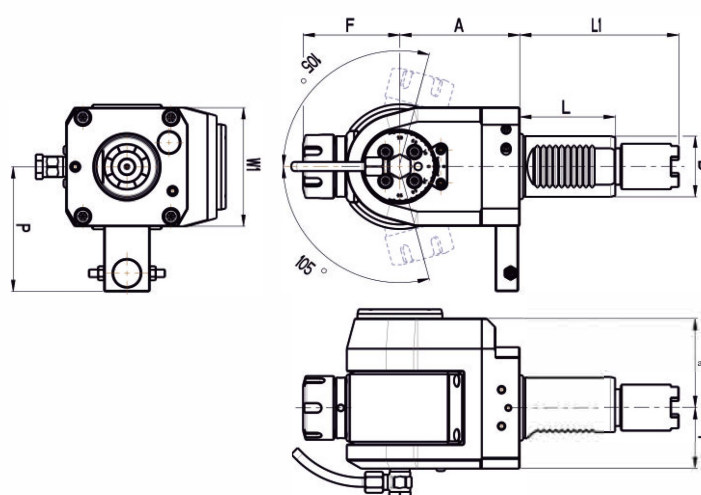
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/251-32/1.2-69AS	40	ER32	no	left	69	56	91	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-69AS	40	ER32	yes	left	69	59	91	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-69BS	40	ER32	no	left	69	56	91	63	117.55	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-69BS	40	ER32	yes	left	69	59	91	63	117.55	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-69CS	40	ER32	no	left	69	56	91	63	130.25	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-69CS	40	ER32	yes	left	69	59	91	63	130.25	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80AS	40	ER32	no	left	80	56	91	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80AS	40	ER32	yes	left	80	59	91	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80BS	40	ER32	no	left	80	56	91	63	117.55	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80BS	40	ER32	yes	left	80	59	91	63	117.55	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80CS	40	ER32	no	left	80	56	91	63	130.25	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80CS	40	ER32	yes	left	80	59	91	63	130.25	82	36	75	50	6000	1:1	20
NGT1-40/251-32/3.2-80AS	40	ER32	yes	left	80	69	91	63	104.85	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-80BS	40	ER25	yes	left	80	69	91	63	117.55	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-80CS	40	ER32	yes	left	80	69	91	63	130.25	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-69AS	40	ER32	yes	left	69	69	91	63	104.85	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-69BS	40	ER32	yes	left	69	69	91	63	117.55	82	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-69CS	40	ER32	yes	left	69	69	91	63	130.25	82	36	75	50	6000	1:1	80

HAAS TURRET

Variable angle drilling and milling head



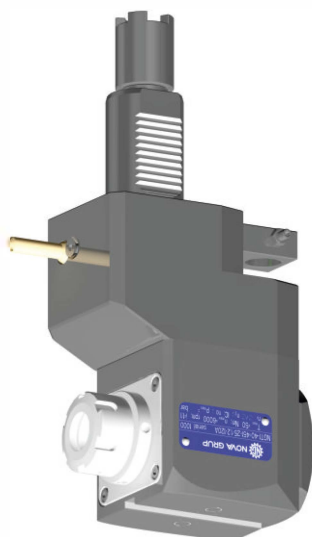
Direction of rotation: (\\)



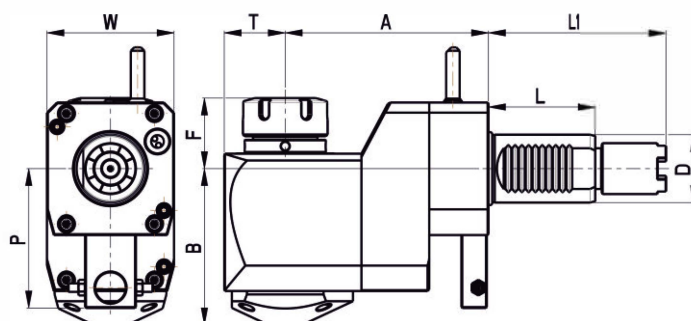
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/551-25/1A	40	ER25	no	left	79	59	65	63	104.85	82	40	78	16	6000	1:1	-
NGT1-40/551-25/2A	40	ER25	yes	left	86	59	65	63	104.85	82	40	78	16	6000	1:1	20
NGT1-40/551-25/1B	40	ER25	no	left	79	59	65	63	117.55	82	40	78	16	6000	1:1	-
NGT1-40/551-25/2B	40	ER25	yes	left	86	59	65	63	117.55	82	40	78	16	6000	1:1	20
NGT1-40/551-25/1C	40	ER25	no	left	79	59	65	63	130.25	82	40	78	16	6000	1:1	-
NGT1-40/551-25/2C	40	ER25	yes	left	86	59	65	63	130.25	82	40	78	16	6000	1:1	20

HAAS TURRET

Offset angular drilling and milling head



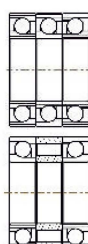
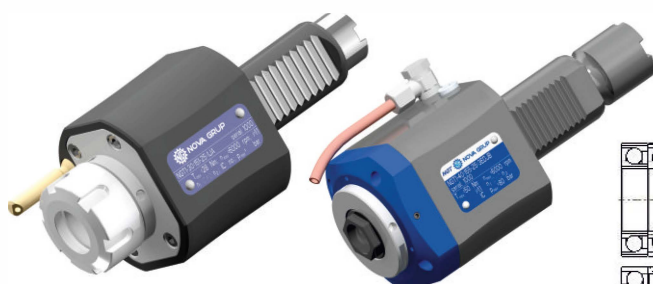
Direction of rotation: (\\)



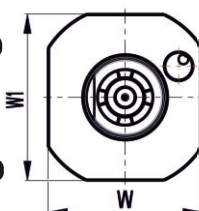
Code	D	Tool grip	IC	Direction	A	B	F	L	LI	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/451-25/1.2-120A	40	ER25	no	left	120	92	39	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/451-25/2.2-120A	40	ER25	yes	left	120	95	39	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/451-32/1.2-120A	40	ER32	no	left	120	92	42	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/451-32/2.2-120A	40	ER32	yes	left	120	95	42	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/451-25/1.2-120B	40	ER25	no	left	120	92	39	63	117.55	82	36	75	50	6000	1:1	-
NGT1-40/451-25/2.2-120B	40	ER25	yes	left	120	95	39	63	117.55	82	36	75	50	6000	1:1	20
NGT1-40/451-32/1.2-120B	40	ER32	no	left	120	92	42	63	117.55	82	36	75	50	6000	1:1	-
NGT1-40/451-32/2.2-120B	40	ER32	yes	left	120	95	42	63	117.55	82	36	75	50	6000	1:1	20
NGT1-40/451-25/1.2-120C	40	ER25	no	left	120	92	39	63	130.25	82	36	75	50	6000	1:1	-
NGT1-40/451-25/2.2-120C	40	ER25	yes	left	120	95	39	63	130.25	82	36	75	50	6000	1:1	20
NGT1-40/451-32/1.2-120C	40	ER32	no	left	120	92	42	63	130.25	82	36	75	50	6000	1:1	-
NGT1-40/451-32/2.2-120C	40	ER32	yes	left	120	95	42	63	130.25	82	36	75	50	6000	1:1	20
NGT1-40/451-25/3.2-120A	40	ER25	yes	left	120	105	39	63	104.85	82	36	75	50	6000	1:1	80
NGT1-40/451-32/3.2-120A	40	ER32	yes	left	120	105	42	63	104.85	82	36	75	50	6000	1:1	80
NGT1-40/451-25/3.2-120B	40	ER25	yes	left	120	105	39	63	117.55	82	36	75	50	6000	1:1	80
NGT1-40/451-32/3.2-120B	40	ER32	yes	left	120	105	42	63	117.55	82	36	75	50	6000	1:1	80
NGT1-40/451-25/3.2-120C	40	ER25	yes	left	120	105	39	63	130.25	82	36	75	50	6000	1:1	80
NGT1-40/451-32/3.2-120C	40	ER32	yes	left	120	105	42	63	130.25	82	36	75	50	6000	1:1	80

OKUMA

Straight drilling and milling head



ED

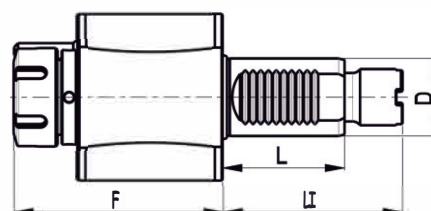


W

HD

W

Direction of rotation: (\\)



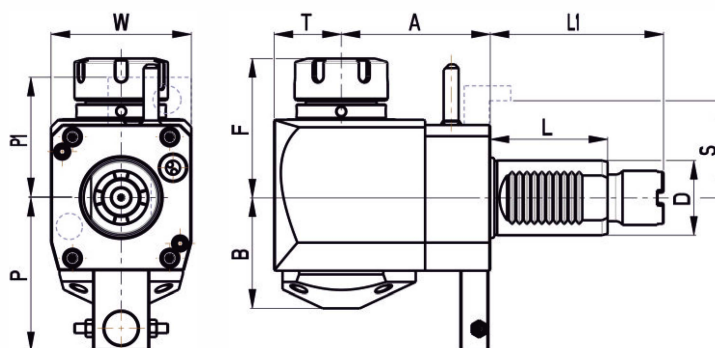
Code	D	Tool grip	IC	F	L	L1	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/151-25/1JA	30	ER25	no	90	55	69	64	68	28	6000	1:1	-
NGT1-30/151-25/2JA	30	ER25	yes	90	55	69	64	68	28	6000	1:1	20
NGT1-40/151-25/1JA	40	ER25	no	106	63	93	80	86	50	6000	1:1	-
NGT1-40/151-25/2JA	40	ER25	yes	106	63	93	80	86	50	6000	1:1	20
NGT1-40/151-32/1JA	40	ER32	no	109	63	93	80	86	50	6000	1:1	-
NGT1-40/151-32/2JA	40	ER32	yes	109	63	93	80	86	50	6000	1:1	20
NGT1-40/151-25/1JB	40	ER25	no	106	63	101	80	86	50	6000	1:1	-
NGT1-40/151-25/2JB	40	ER25	yes	106	63	101	80	86	50	6000	1:1	-
NGT1-40/151-32/1JB	40	ER32	no	109	63	101	80	86	50	6000	1:1	20
NGT1-40/151-32/2JB	40	ER32	yes	109	63	101	80	86	50	6000	1:1	-
NGT1-30/155-25/3EDJA	30	ER25	yes	88,5	55	69	67	67	28	6000	1:1	80
NGT1-30/155-25/3HDJA	30	ER25	yes	88,5	55	69	67	67	28	6000	1:1	80
NGT1-40/155-25/3EDJA	40	ER25	yes	93,5	63	93	79	79	50	6000	1:1	80
NGT1-40/155-25/3HDJA	40	ER25	yes	93,5	63	93	79	79	50	6000	1:1	80
NGT1-40/155-32/3EDJA	40	ER32	yes	93,5	63	93	79	79	50	6000	1:1	80
NGT1-40/155-32/3HDJA	40	ER32	yes	93,5	63	93	79	79	50	6000	1:1	80
NGT1-40/155-25/3EDJB	40	ER25	yes	93,5	63	101	79	79	50	6000	1:1	80
NGT1-40/155-25/3HDJB	40	ER25	yes	93,5	63	101	79	79	50	6000	1:1	80
NGT1-40/155-32/3EDJB	40	ER32	yes	93,5	63	101	79	79	50	6000	1:1	80
NGT1-40/155-32/3HDJB	40	ER32	yes	93,5	63	101	79	79	50	6000	1:1	80
NGT1-50/151-32/1JA	50	ER32	no	114	71	106	88	88	80	6000	1:1	-
NGT1-50/151-32/2JA	50	ER32	yes	114	71	106	88	88	80	6000	1:1	20
NGT1-50/151-40/1JA	50	ER40	no	116	71	106	88	88	80	6000	1:1	-
NGT1-50/151-40/2JA	50	ER40	yes	116	71	106	88	88	80	6000	1:1	20

OKUMA TURRET

Angular drilling and milling head



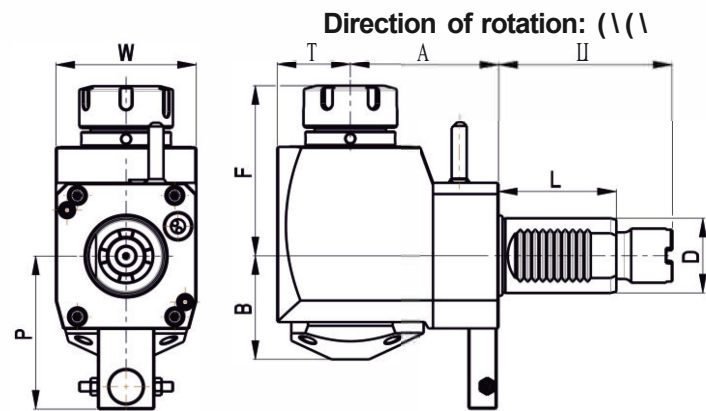
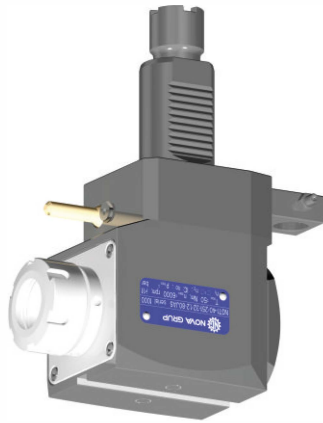
Direction of rotation: (' - Q



Code	D	Tool grip	IC	Direct ion	A	B	F	L	L1	p	S	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/251-25/1.1-85JA	30	ER25	no	right	85	48	65	55	69	P1=57	-	29	64	28	6000	1:1	-
NGT1-30/251-25/2.1-85JA	30	ER25	yes	right	85	51	65	55	69	P1=57	-	29	64	28	6000	1:1	20
NGT1-30/251-25/1.2-55JB	30	ER25	no	left	55	48	65	55	69	72	-	29	64	28	6000	1:1	-
NGT1-30/251-25/2.2-55JB	30	ER25	yes	left	55	51	65	55	69	72	-	29	64	28	6000	1:1	20
NGT1-40/251-25/1.2-80JA	40	ER25	no	left	80	59	72	63	93	82	-	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-80JA	40	ER25	yes	left	80	62	72	63	93	82	-	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80JA	40	ER32	no	left	80	59	75	63	93	82	-	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80JA	40	ER32	yes	left	80	62	75	63	93	82	-	36	75	50	6000	1:1	20
NGT1-40/251-25/1.2-80JB	40	ER25	no	left	80	59	72	63	101	82	-	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-80JB	40	ER25	yes	left	80	62	72	63	101	82	-	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80JB	40	ER32	no	left	80	59	75	63	101	82	-	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80JB	40	ER32	yes	left	80	62	75	63	101	82	-	36	75	50	6000	1:1	20
NGT1-40/251-25/1.1-80JD	40	ER25	no	right	80	59	72	63	93	-	50	36	75	50	6000	1:1	-
NGT1-30/251-25/3.1-85JA	30	ER25	yes	right	55	61	65	55	69	P1=57	-	29	64	28	6000	1:1	80
NGT1-30/251-25/3.2-55JB	30	ER25	yes	left	85	61	65	55	69	72	-	29	64	28	6000	1:1	80
NGT1-40/251-25/3.1-80JD	40	ER25	yes	right	80	72	72	63	93	-	50	36	75	50	6000	1:1	80
NGT1-40/251-32/3.1-80JD	40	ER32	yes	right	80	72	75	63	93	-	50	36	75	50	6000	1:1	80
NGT1-40/251-25/3.2-80JA	40	ER25	yes	left	80	72	72	63	93	82	-	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-80JA	40	ER32	yes	left	80	72	75	63	93	82	-	36	75	50	6000	1:1	80
NGT1-40/251-25/3.2-80JB	40	ER25	yes	left	80	72	72	63	101	82	-	36	75	50	6000	1:1	80
NGT1-40/251-32/3.2-80JB	40	ER32	yes	left	80	72	75	63	101	82	-	36	75	50	6000	1:1	80
NGT1-40/251-32/1.2-80JD	40	ER32	no	left	80	59	75	63	93	-	50	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80JD	40	ER32	yes	left	80	62	75	63	93	-	50	36	75	50	6000	1:1	20
NGT1-40/251-32/3.2-80JD	40	ER32	yes	left	80	72	75	63	93	-	50	36	75	50	6000	1:1	80
NGT1-40/251-32/1.1-80JC	40	ER32	no	right	80	59	75	63	93	-	50	36	75	50	6000	1:1	-
NGT1-40/251-32/2.1-80JC	40	ER32	yes	right	80	62	75	63	93	-	50	36	75	50	6000	1:1	20
NGT1-40/251-32/3.1-80JC	40	ER32	yes	right	80	72	75	63	93	-	50	36	75	50	6000	1:1	80
NGT1-40/251-32/1.1-80JE	40	ER32	no	right	80	59	75	63	101	-	50	36	75	50	6000	1:1	-
NGT1-40/251-32/2.1-80JE	40	ER32	yes	right	80	62	75	63	101	-	50	36	75	50	6000	1:1	20
NGT1-40/251-32/3.1-80JE	40	ER32	yes	right	80	72	75	63	101	-	50	36	75	50	6000	1:1	80
NGT1-50/251-32/1.2-110JA	50	ER32	no	left	110	64	117	71	106	102	-	42	88	80	6000	1:1	-
NGT1-50/251-32/2.2-110JA	50	ER32	yes	left	110	64	117	71	106	102	-	42	88	80	6000	1:1	20
NGT1-50/251-32/3.2-110JA	50	ER32	yes	left	110	75	117	71	106	102	-	42	88	80	6000	1:1	80
NGT1-50/251-40/1.2-110JA	50	ER40	no	left	110	64	119	71	106	102	-	42	88	80	6000	1:1	-
NGT1-50/251-40/2.2-110JA	50	ER40	yes	left	110	64	119	71	106	102	-	42	88	80	6000	1:1	20
NGT1-50/221-40/3.2-110JA	50	ER40	yes	left	110	75	119	71	106	102	-	42	88	80	6000	1:1	80

OKUMA TURRET

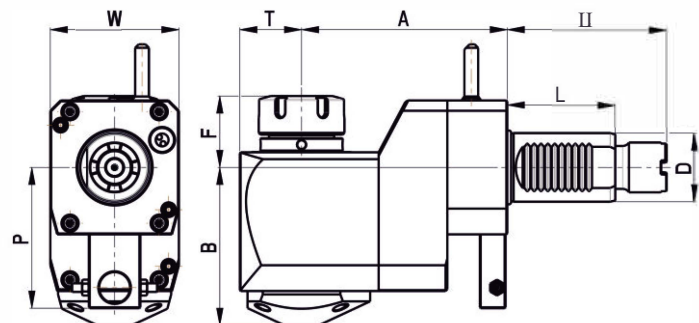
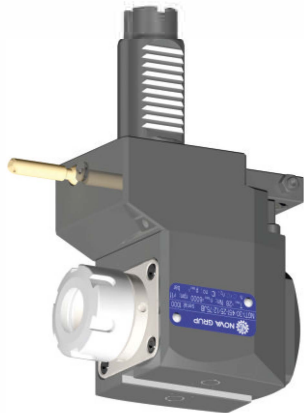
Angular drilling and milling head - SAME DIRECTION



Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/251-32/1.2-80JAS	40	ER32	no	left	80	59	91	63	93	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80JAS	40	ER32	yes	left	80	62	91	63	93	82	36	75	50	6000	1:1	20
NGT1-40/251-32/3.2-80JAS	40	ER32	yes	left	80	72	91	63	93	82	36	75	50	6000	1:1	80
NGT1-40/251-32/1.2-67 JAS	40	ER32	no	left	67	59	91	63	93	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-67JAS	40	ER32	yes	left	67	62	91	63	93	82	36	75	50	6000	1:1	20
NGT1-40/251-32/3.2-67JAS	40	ER32	yes	left	67	72	91	63	93	82	36	75	50	6000	1:1	80
NGT1-40/251-32/1.2-80JBS	40	ER32	no	left	80	59	91	63	101	82	36	75	50	6000	1:1	-
NGT1-40/251-32/2.2-80JBS	40	ER32	yes	left	80	62	91	63	101	82	36	75	50	6000	1:1	20
NGT1-40/251-32/3.2-80JBS	40	ER32	yes	left	80	72	91	63	101	82	36	75	50	6000	1:1	80

Offset angular drilling and milling head

Direction of rotation: (\\)



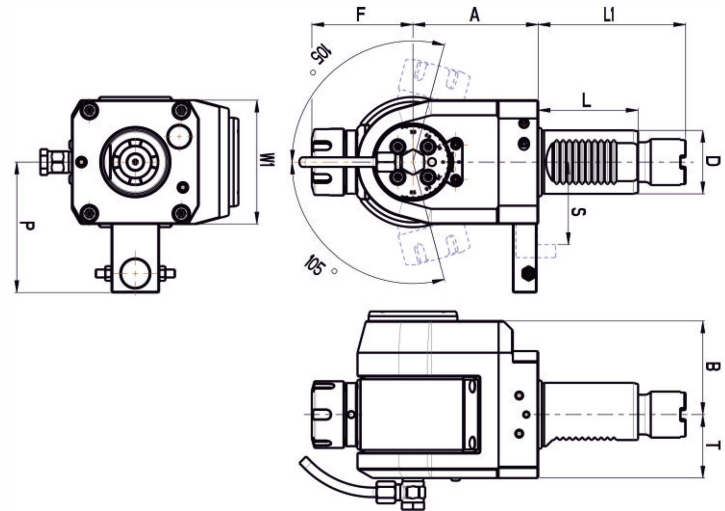
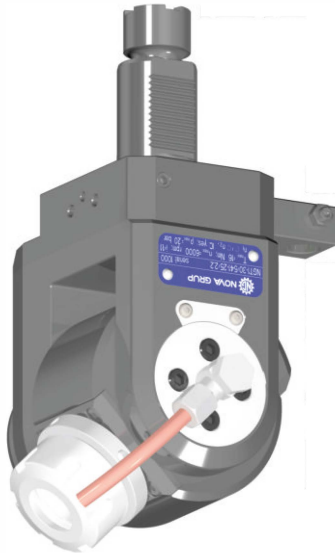
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/451-25/1.2-75JB	30	ER25	no	left	75	71	42	55	69	72	29	64	28	6000	1:1	-
NGT1-30/451-25/2.2-75JB	30	ER25	yes	left	75	74	42	55	69	72	29	64	28	6000	1:1	20
NGT1-40/451-25/1.2-120JA	40	ER25	no	left	120	92	39	63	93	82	36	75	50	6000	1:1	-
NGT1-40/451-25/2.2-120JA	40	ER25	yes	left	120	95	39	63	93	82	36	75	50	6000	1:1	20
NGT1-40/451-32/1.2-120JA	40	ER32	no	left	120	92	41	63	93	82	36	75	50	6000	1:1	-
NGT1-40/451-32/2.2-120JA	40	ER32	yes	left	120	95	41	63	93	82	36	75	50	6000	1:1	20
NGT1-40/451-25/1.2-120JB	40	ER25	no	left	120	92	39	63	101	82	36	75	50	6000	1:1	-
NGT1-40/451-25/2.2-120JB	40	ER25	yes	left	120	95	39	63	101	82	36	75	50	6000	1:1	20
NGT1-40/451-32/1.2-120JB	40	ER32	no	left	120	92	41	63	101	82	36	75	50	6000	1:1	-
NGT1-40/451-32/2.2-120JB	40	ER32	yes	left	120	95	41	63	101	82	36	75	50	6000	1:1	20
NGT1-30/451-25/3.2-75JB	30	ER25	yes	left	75	84	42	55	69	72	29	64	28	6000	1:1	80
NGT1-40/451-25/3.2-120JA	40	ER25	yes	left	120	105	39	63	93	82	36	75	50	6000	1:1	80
NGT1-40/451-32/3.2-120JA	40	ER32	yes	left	120	105	42	63	93	82	36	75	50	6000	1:1	80
NGT1-40/451-25/3.2-120JB	40	ER25	yes	left	120	105	39	63	101	82	36	75	50	6000	1:1	80
NGT1-40/451-32/3.2-120JB	40	ER32	yes	left	120	105	42	63	101	82	36	75	50	6000	1:1	80

OKUMA TURRET

Variable angular drilling and milling head



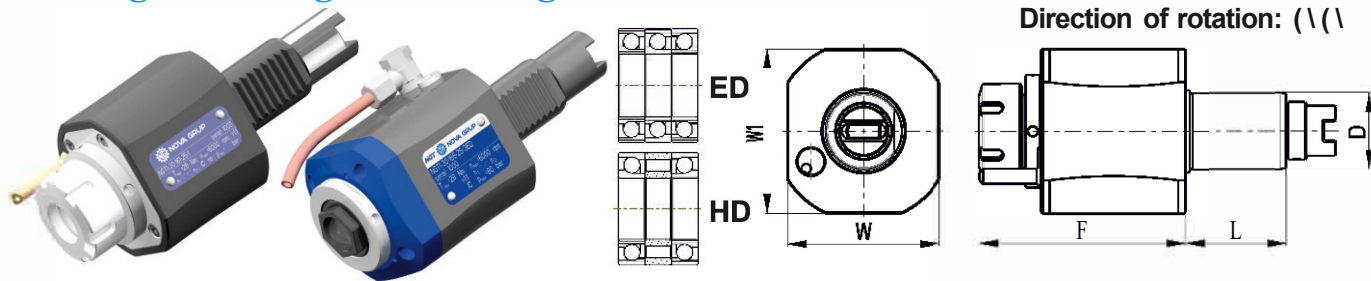
Direction of rotation: \(\backslash\)



Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	S	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/555-16.1JA	30	ER16	no	right	79	59	45	55	69	57	-	40	64	16	6000	1:1	-
NGT1-30/555-16.2JA	30	ER16	yes	right	86	59	45	55	69	57	-	40	64	16	6000	1:1	20
NGT1-40/551-25.1JA	40	ER25	no	left	79	59	65	63	93	82	-	40	78	16	6000	1:1	-
NGT1-40/551-25.2JA	40	ER25	yes	left	86	59	65	63	93	82	-	40	78	16	6000	1:1	20
NGT1-40/551-25.1JB	40	ER25	no	left	76	59	65	63	101	82	-	40	78	16	6000	1:1	-
NGT1-40/551-25.2JB	40	ER25	yes	left	86	59	65	63	101	82	-	40	78	16	6000	1:1	20
NGT1-30/555-16.1.2JB	30	ER16	no	left	79	59	45	55	69	72	-	40	64	16	6000	1:1	-
NGT1-30/555-16.2.2JB	30	ER16	yes	left	86	59	45	55	69	72	-	40	64	16	6000	1:1	20
NGT1-40/551-25.1JD	40	ER25	no	right	79	59	65	63	93	-	50	40	78	16	6000	1:1	-
NGT1-40/551-25.2JD	40	ER25	yes	right	86	59	65	63	93	-	50	40	78	16	6000	1:1	20
NGT1-40/551-25.1.2JD	40	ER25	no	left	79	59	65	63	93	-	50	40	78	16	6000	1:1	-
NGT1-40/551-25.2.2JD	40	ER25	yes	left	86	59	65	63	93	-	50	40	78	16	6000	1:1	20
NGT1-50/551-25.1JA	50	ER25	no	left	79	59	65	71	106	102	-	44	94	16	6000	1:1	-
NGT1-50/551-25.2JA	50	ER25	yes	left	86	59	65	71	106	102	-	44	94	16	6000	1:1	20

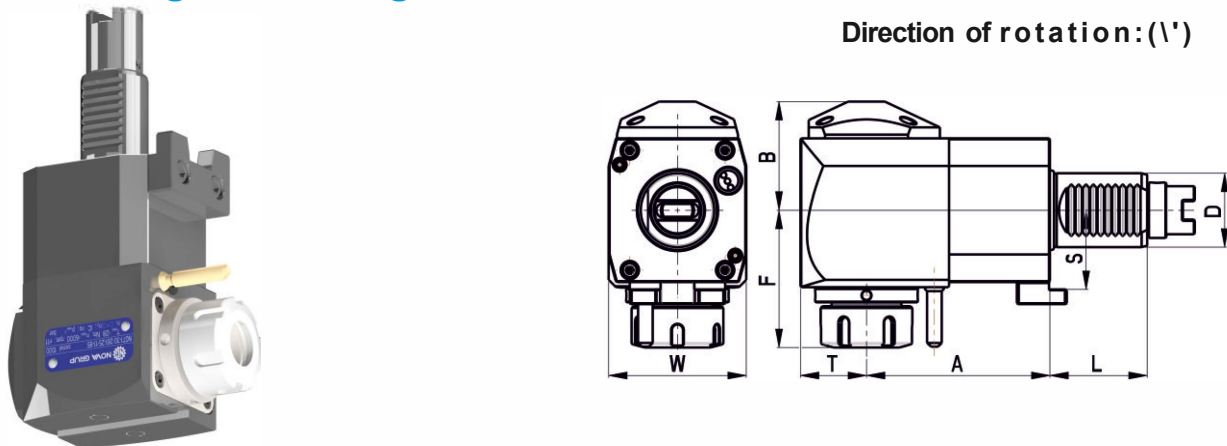
INDEX/TRAUB TURRET

Straight drilling and milling head



Code	D	Tool grip	IC	F	L	W	W1	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/161-25/1	30	ER25	no	90	45	64	68	28	6000	1:1	-
NGT1-30/161-25/2	30	ER25	yes	90	45	64	68	28	6000	1:1	20
NGT1-30/165-25/3ED	30	ER25	yes	88,5	45	67	67	28	6000	1:1	80
NGT1-30/165-25/3HD	30	ER25	yes	88,5	45	67	67	28	6000	1:1	80
NGT1-40/161-25/1	30	ER25	no	106	53	80	86	50	6000	1:1	-
NGT1-40/161-25/2	30	ER25	yes	106	53	80	86	50	6000	1:1	20
NGT1-40/161-32/1	30	ER32	no	109	53	80	86	50	6000	1:1	-
NGT1-40/161-32/2	30	ER32	yes	109	53	80	86	50	6000	1:1	20
NGT1-40/165-25/3ED	40	ER25	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/165-25/3HD	40	ER25	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/165-32/3ED	40	ER32	yes	93,5	53	79	79	50	6000	1:1	80
NGT1-40/165-32/3HD	40	ER32	yes	93,5	53	79	79	50	6000	1:1	80

Angular drilling and milling head

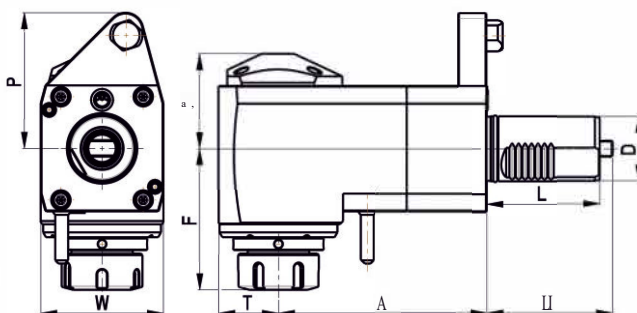


Code	D	Tool grip	IC	Direction	A	B	F	L	S	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-30/261-25/1.1-85	30	ER25	no	right	85	48	65	45	36	29	64	28	6000	1:1	-
NGT1-30/261-25/2.1-85	30	ER25	yes	right	85	51	65	45	36	29	64	28	6000	1:1	20
NGT1-30/261-25/3.1-85	30	ER25	yes	right	85	61	65	45	36	29	64	28	6000	1:1	80
NGT1-30/261-25/1.3-85	30	ER25	no	right/left	85	48	65	45	36	29	64	28	6000	1:1	-
NGT1-30/261-25/2.3-85	30	ER25	yes	right/left	85	51	65	45	36	29	64	28	6000	1:1	20
NGT1-30/261-25/3.3-85	30	ER25	yes	right/left	85	61	65	45	36	29	64	28	6000	1:1	80
NGT1-40/261-25/1.1-100	40	ER25	no	right	100	59	72	53	43	36	75	50	6000	1:1	-
NGT1-40/261-25/2.1-100	40	ER25	yes	right	100	62	72	53	43	36	75	50	6000	1:1	20
NGT1-40/261-25/3.1-100	40	ER25	yes	right	100	72	72	53	43	36	75	50	6000	1:1	80
NGT1-40/261-32/1.1-100	40	ER32	no	right	100	59	75	53	43	36	75	50	6000	1:1	-
NGT1-40/261-32/2.1-100	40	ER32	yes	right	100	62	75	53	43	36	75	50	6000	1:1	20
NGT1-40/261-32/3.1-100	40	ER32	yes	right	100	72	75	53	43	36	75	50	6000	1:1	80
NGT1-40/261-25/1.3-100	40	ER25	no	right/left	100	59	72	53	43	36	75	50	6000	1:1	-
NGT1-40/261-25/2.3-100	40	ER25	yes	right/left	100	62	72	53	43	36	75	50	6000	1:1	20
NGT1-40/261-25/3.3-100	40	ER25	yes	right/left	100	72	72	53	43	36	75	50	6000	1:1	80
NGT1-40/261-32/1.3-100	40	ER32	no	right/left	100	59	75	53	43	36	75	50	6000	1:1	-
NGT1-40/261-32/2.3-100	40	ER32	yes	right/left	100	62	75	53	43	36	75	50	6000	1:1	20
NGT1-40/261-32/3.3-100	40	ER32	yes	right/left	100	72	75	53	43	36	75	50	6000	1:1	80

MAZAK TURRET

Angular drilling and milling head

Direction of rotation: (\')



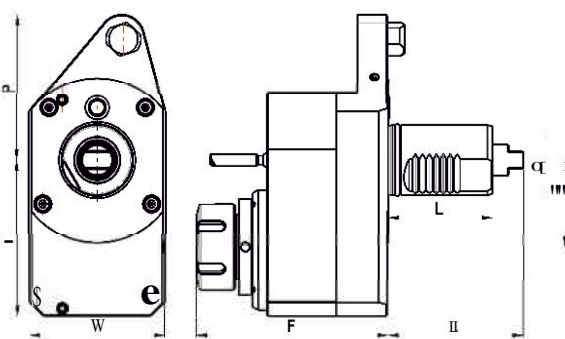
TERMINATION CODE: MZ1

QT 100 M/MS/MY/MSY (STAR)
QT 200 M/MS/MY/MSY 16ST (STAR)
QT 250 M/MS/MY/MSY 16ST (STAR)
QTN 100 M/MS/MY/MSY (STAR)
QTNX 100 M/MS/MY/MSY (STAR)
QTNX 200 M/MS/MY/MSY 16ST (STAR)
QTNX 250 M/MS/MY/MSY 16ST (STAR)
SQT 10 M/MS (STAR)
SQT 100 M/MS/MY/MSY (STAR)
SQT 200 M/MS/MY/MSY (STAR)
SQT 200 M/MS/MY/MSY 16ST (STAR)
SQT 250 M/MS/MY/MSY (STAR)
SQT 250 M/MS/MY/MSY 16ST (STAR)

Code	D	Tool grip	IC	Direction	A	B	F	L	L1	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/221-32/1.1-100MZ1	40	ER32	no	right	100	59	88	60	61	79	37	76	50	6000	1:1	-
NGT1-40/221-32/2.1-100MZ1	40	ER32	yes	right	100	62	88	60	61	79	37	76	50	6000	1:1	20
NGT1-40/221-32/3.1-100MZ1	40	ER32	yes	right	100	72	88	60	61	79	37	76	50	6000	1:1	80
NGT1-40/221-32/1.2-100MZ1	40	ER32	no	left	100	59	88	60	61	79	37	76	50	6000	1:1	-
NGT1-40/221-32/2.2-100MZ1	40	ER32	yes	left	100	62	88	60	61	79	37	76	50	6000	1:1	20
NGT1-40/221-32/3.2-100MZ1	40	ER32	yes	left	100	72	88	60	61	79	37	76	50	6000	1:1	80
NGT1-40/221-32/1.1-130MZ2	40	ER32	no	right	130	59	88	70	78	84	37	76	50	6000	1:1	-
NGT1-40/221-32/2.1-130MZ2	40	ER32	yes	right	130	62	88	70	78	84	37	76	50	6000	1:1	20
NGT1-40/221-32/3.1-130MZ2	40	ER32	yes	right	130	72	88	70	78	84	37	76	50	6000	1:1	80
NGT1-40/221-32/1.2-130MZ2	40	ER32	no	left	130	59	88	70	78	84	37	76	50	6000	1:1	-
NGT1-40/221-32/2.2-130MZ2	40	ER32	yes	left	130	62	88	70	78	84	37	76	50	6000	1:1	20
NGT1-40/221-32/3.2-130MZ2	40	ER32	yes	left	130	72	88	70	78	84	37	76	50	6000	1:1	80

Offset straight drilling and milling head

Direction of rotation: (\')



TERMINATION CODE: MZ2

IVS - 200, 300 M (STAR)
MZ40V (STAR)
QT 200 M/MS/MY/MSY (STAR)
QT 250 M/MS/MY/MSY (STAR)
QTN 200 M/MS/MY/MSY (STAR)
QTN 250 M/MS/MY/MSY (STAR)
SQT 15 M/MS/MY/MSY (STAR)
SQT 18 M/MS/MY/MSY (STAR)
SQT 200 M/MS/MY/MSY (STAR)
SQT 250 M/MS/MY/MSY (STAR)
Super Quadrex 200 m (STAR)
Super Quadrex 250 m (STAR)

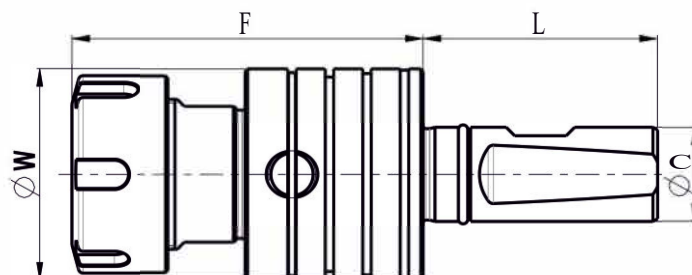
Code	D	Tool grip	IC	Direction	A	F	L	L1	p	T	W	Torque [Nm]	Speed [rpm]	Ratio	p [bar]
NGT1-40/321-32/1.1-50MZ1	40	ER32	no	right	50	111	60	61	84	90	78	50	6000	1:1	-
NGT1-40/321-32/2.1-50MZ1	40	ER32	yes	right	50	111	60	61	84	90	78	50	6000	1:1	20
NGT1-40/321-32/1.1-50MZ1 (1:2)	40	ER32	no	right	50	111	60	61	84	90	78	25	12000	1:2	-
NGT1-40/321-32/2.1-50MZ1 (1:2)	40	ER32	yes	right	50	111	60	61	84	90	78	25	12000	1:2	-
NGT1-40/321-32/1.1-50MZ1 (2:1)	40	ER32	no	right	50	111	60	61	84	90	78	80	3000	2:1	20
NGT1-40/321-32/2.1-50MZ1 (2:1)	40	ER32	yes	right	50	111	60	61	84	90	78	80	3000	2:1	-
NGT1-40/321-32/1.1-50MZ2	40	ER32	no	right	50	111	60	78	84	90	78	50	6000	1:1	20
NGT1-40/321-32/2.1-50MZ2	40	ER32	yes	right	50	111	60	78	84	90	78	50	6000	1:1	-
NGT1-40/321-32/1.1-50MZ2(1:2)	40	ER32	no	right	50	111	60	78	84	90	78	25	12000	1:2	20
NGT1-40/321-32/2.1-50MZ2(1:2)	40	ER32	yes	right	50	111	60	78	84	90	78	25	12000	1:2	-
NGT1-40/321-32/1.1-50MZ2(2:1)	40	ER32	no	right	50	111	60	78	84	90	78	80	3000	2:1	20
NGT1-40/321-32/2.1-50MZ2(2:1)	40	ER32	yes	right	50	111	60	78	84	90	7	80	3000	2:1	-

SYNCHRO TAPPING HOLDER BAR PULLER TOOLHOLDERS ACCESSORIES

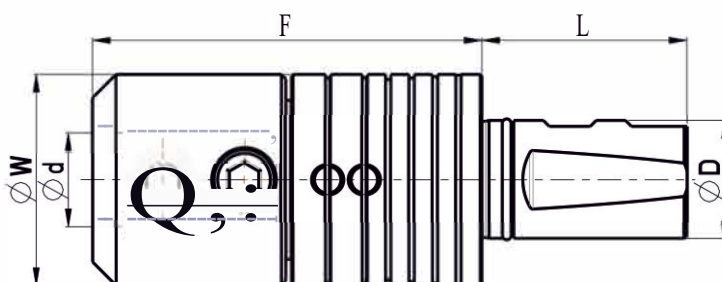
**Synchro tapping holder DIN
1835 B+E**

**VOi/WELDON BAR PULLER
TOOLHOLDER**

Accessories, Consumables



Code	D DIN 1835 B+E	Tool grip	Tap Capacity	Internal Cooling	F	L	W	p [bar]
NGT ST-20xER25	20	ER25-GB	/M-M22	yes	75	50	45	50
NGT ST-25xER20	25	ER20-GB	/M-M16	yes	71	56	42	50
NGT ST-25xER32	25	ER32-GB	/M-M2.7	yes	86	56	47	50
NGT ST-25xER40	25	ER40-GB	M6-M34	yes	109	56	57	50
NGT ST-32xER40	32	ER40-GB	M6-M34	yes	109	60	57	50
NGT ST-40xER50	40	ER50-GB	M8-/M2	yes	137	70	72	50

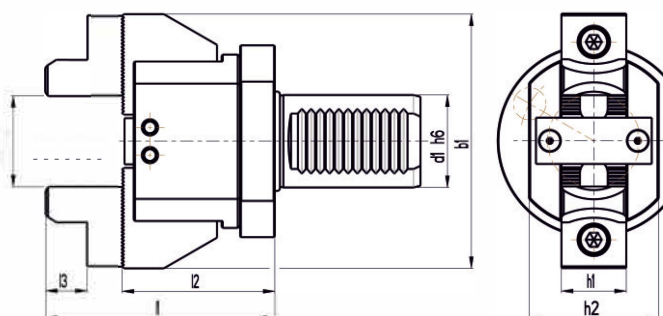
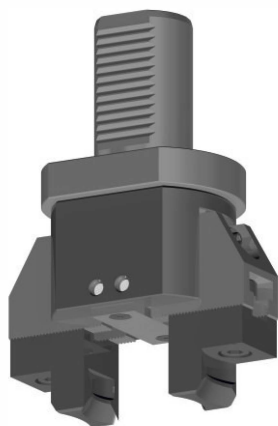


Code	D DIN 1835 B+E	d Tool grip	Internal Cooling	F	L	W	p [bar]
NGT ST-20x9WLD	20	9	yes	69	50	45	50
NGT ST-20x10WLD	20	10	yes	79	50	45	50
NGT ST-20x11WLD	20	11	yes	81,5	50	45	50
NGT ST-20x12WLD	20	12	yes	84	50	45	50
NGT ST-20x14WLD	20	14	yes	85,5	50	45	50
NGT ST-20x16WLD	20	16	yes	87	50	45	50
NGT ST-25x9WLD	25	9	yes	70	56	47	50
NGT ST-25x12WLD	25	12	yes	85	56	47	50
NGT ST-25x16WLD	25	16	yes	88	56	47	50
NGT ST-25x18WLD	25	18	yes	88	56	57	50
NGT ST-25x20WLD	25	20	yes	98	56	57	50
NGT ST-25x22WLD	25	22	yes	100	56	57	50
NGT ST-32x18WLD	32	18	yes	88	60	57	50
NGT ST-32x25WLD	32	25	yes	130	60	57	50
NGT ST-32x28WLD	32	28	yes	132	60	57	50
NGT ST-32x32WLD	32	32	yes	133	60	57	50
NGT ST-40x22WLD	40	22	yes	105	70	72	50
NGT ST-40x25WLD	40	25	yes	130	70	72	50
NGT ST-40x28WLD	40	28	yes	132	70	72	50
NGT ST-40x32WLD	40	32	yes	133	70	72	50
NGT ST-40x36WLD	40	36	yes	142	70	72	50
NGT ST-40x40WLD	40	40	yes	147	70	72	50
NGT ST-40x50WLD	40	50	yes	162	70	72	50

BAR PULLER FOR CNC LATHES

VDI shank

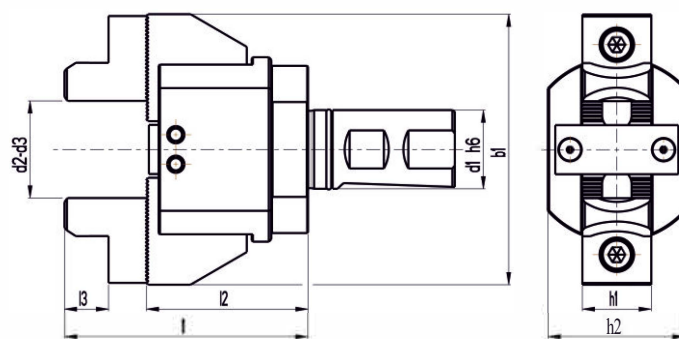
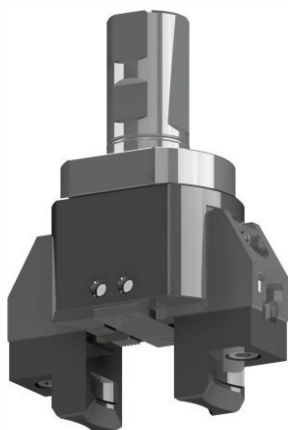
DIN 69880



Code	d1	d2	d3	h1	h2	l1	l2	l3	b1
NGT BP-VDI20	20	6-56	56-110	28	56	100	66	18	110
NGT BP-VDI30	30	6-56	56-110	28	56	100	66	18	110
NGT BP-VDI40	40	6-56	56-110	28	56	100	66	18	110
NGT BP-VDI50	50	6-56	56-110	28	56	100	66	18	110

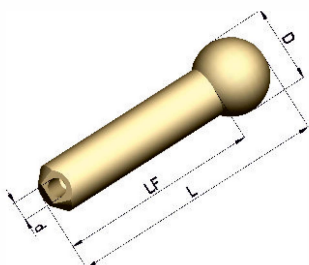
WELDON shank

DIN 1835



Code	d1	d2	d3	h1	h2	l1	l2	l3	b1
NGT BP-25WLD	25	6-56	56-110	28	56	100	66	18	110
NGT BP-32WLD	32	6-56	56-110	28	56	100	66	18	110
NGT BP-40WLD	40	6-56	56-110	28	56	100	66	18	110

Ball sprayer nozzles for VDI and BMT



Code	D	d	L	LF
NGTSO1	12	3	30	40
NGTSO4	12	5	20	10
NGTSO34	9	2.5	38	30

Set of collets ER25-40 in wooden box



ER	Code	Range	Collets quantity
ER25	NGT ER25.KPL.15TUL	2-16	15
ER32	NGT ER32.KPL.18TUL	3-20	18
ER40	NGT ER40.KPL.23TUL	4-26	23

Wrenches for standard nut

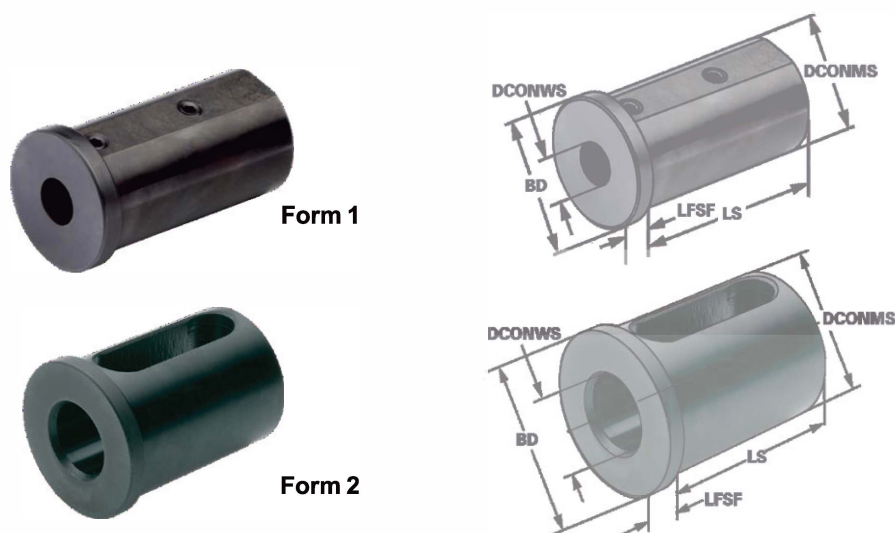


Code	Description
NGT925CHVST	WRENCHES FOR ER 25 STANDARD
NGT932CHVST	WRENCHES FOR ER 32 STANDARD
NGT940CHVST	WRENCHES FOR ER40 STANDARD



Code	Description
NGT925CHVOC	WRENCHES WITH SIDE GRIP 25
NGT932CHVOC	WRENCHES WITH SIDE GRIP 32
NGT940CHVOC	WRENCHES WITH SIDE GRIP 40

Reduction sleeves for boring bar holder



Code	Form	DCONMS	DCONWS	LS	LFSF	BD	OAL
NGT70925.06	1	25	6	46	5	29	51
NGT70925.08	1	25	8	46	5	29	51
NGT70925.10	1	25	10	46	5	29	51
NGT70925.12	1	25	12	46	5	29	51
NGT70925.14	1	25	14	46	5	29	51
NGT70925.16	2	25	16	46	5	29	51
NGT70925.18	2	25	18	46	5	29	51
NGT70925.20	2	25	20	46	5	29	51
NGT70932.06	1	32	6	55	5	36	60
NQT70932.08	1	32	8	SS	S	36	60
NQT70932.10	1	32	10	SS	S	36	60
NQT70932.12	1	32	12	SS	S	36	60
NOT70932.14	1	32	14	SS	S	36	60
NGT70932.16	2	32	16	55	5	36	60
NGT70932.18	2	32	18	55	5	36	60
NGT70932.20	2	32	20	55	5	36	60
NGT70932.25	2	32	25	55	5	36	60
NGT70940.06	1	40	6	71	5	44	76
NOT70940.08	1	40	8	71	5	44	76
NGT70940.10	1	40	10	71	5	44	76
NGT70940.12	1	40	12	71	5	44	76
NGT70940.14	1	40	14	71	5	44	76
NGT70940.16	2	40	16	71	5	44	76
NGT70940.18	2	40	18	71	5	44	76
NGT70940.20	2	40	20	71	5	44	76
NGT70940.25	2	40	25	71	5	44	76
NGT70940.32	2	40	32	71	5	44	76

NGI
TOOLHOLDERS



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