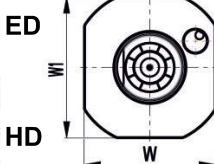
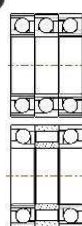
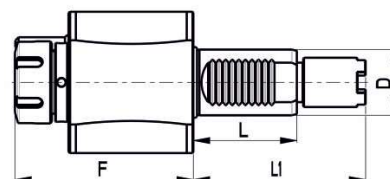


HAAS TURRET

Straight drilling and milling head


 Direction of rotation: 


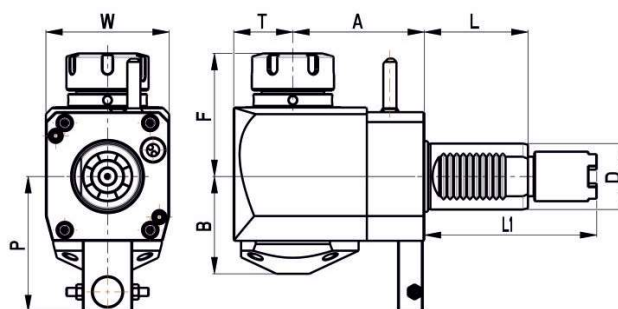
Code	D	Tool grip	IC	F	L	L1	W	W1	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT1-40/151-25/1A	40	ER25	no	106	63	104,85	80	86	50	6000	1:1	-
NGT1-40/151-25/2A	40	ER25	yes	106	63	104,85	80	86	50	6000	1:1	20
NGT1-40/151-32/1A	40	ER32	no	109	63	104,85	80	86	50	6000	1:1	-
NGT1-40/151-32/2A	40	ER32	yes	109	63	104,85	80	86	50	6000	1:1	20
NGT1-40/151-25/1B	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
NGT1-40/151-32/1B	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



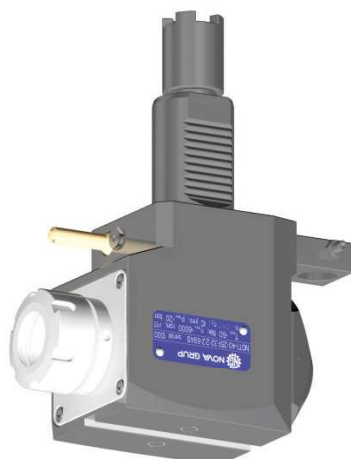
Direction of rotation: 



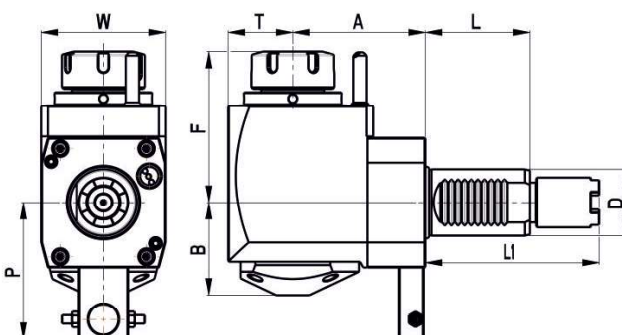
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	P	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT1-40/251-25/1.2-80A	40	ER25	no	left	80	59	72	63	104.85	82	36	75	50	6000	1:1	-
NGT1-40/251-25/2.2-80A	40	ER25	yes	left	80	62	72	63	104.85	82	36	75	50	6000	1:1	20
NGT1-40/251-32/1.2-80A	40	ER32	no	left	80	59	75	63	104.85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



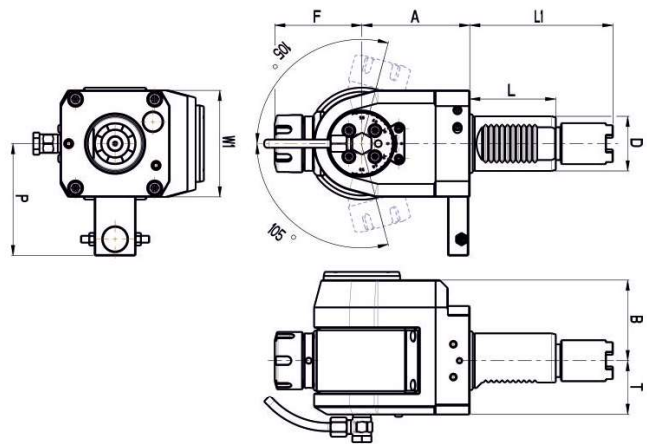
Direction of rotation: 



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

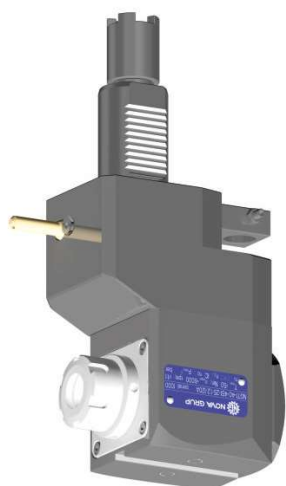
Variable angle drilling and milling head


 Direction of rotation: 


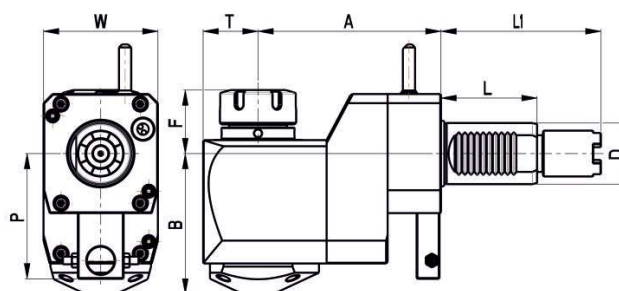
Code	D	Tool grip	IC	Direction	A	B	F	L	L1	P	T	W	Torque [Nm]	Speed [rpm]	Ratio	P [bar]
NGT1-40/551-25/1A	40	ER25	no	left	79	59	65	63	104.85	82	40	78	16	6000	1:1	-
NGT1-40/551-25/2A	40	ER25	yes	left	86	59	65	63	104.85	82	40	78	16	6000	1:1	20
NGT1-40/551-25/1B	40	ER25	no	left	79	59	65	63	117.55	82	40	78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