



# VDI Tool Holders

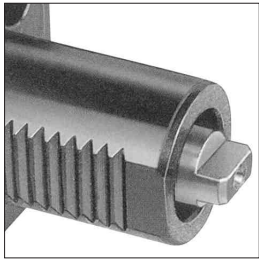
## Coupling Type System



**VERTEX®**

DIN69880

**A DIN 1809 (For DUPLOMATIC)**



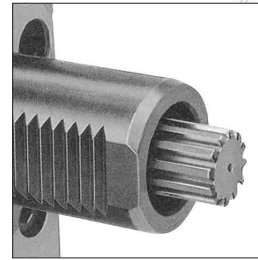
Coupling to DIN 1809

**B DIN 5480 (For SAUTER/DUPLOMATIC)**



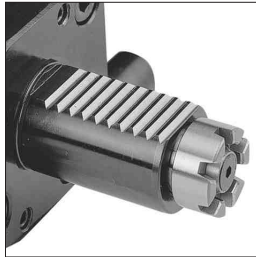
Coupling to DIN 5480

**C DIN 5482 (For SAUTER/DUPLOMATIC)**



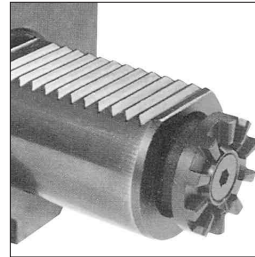
Coupling to DIN 5482

**D MT (For BARUFFALDI)**



Spur Coupling

**E IT (For DUPLOMATIC)**



Spur Coupling

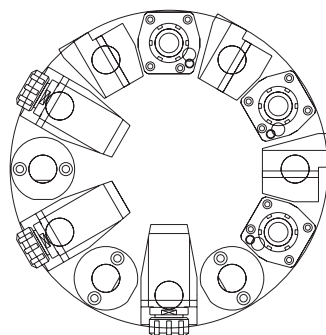
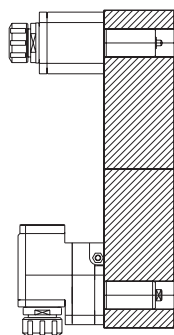


# VDI Tool Holders

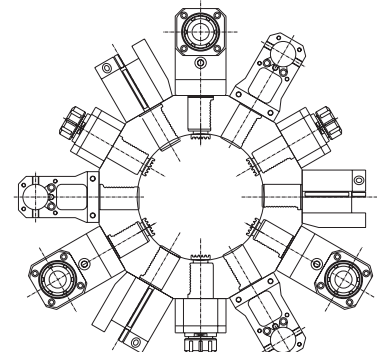
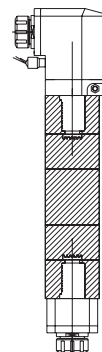
## Tool Holders Direction System

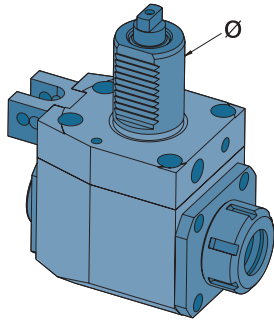
DIN69880

**A: Axial Direction**

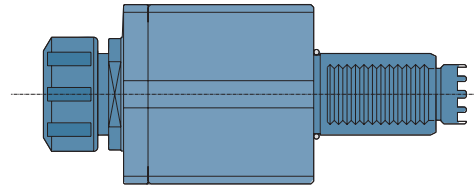


**B: Radial Direction (Star Turret)**

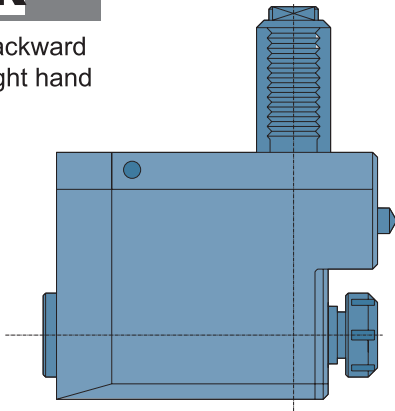
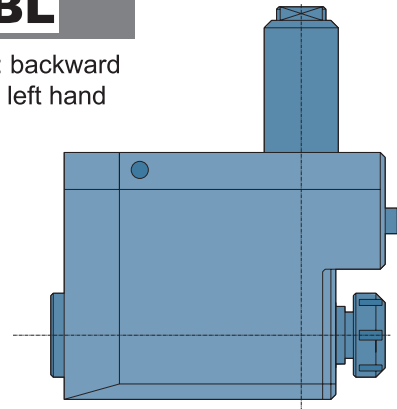
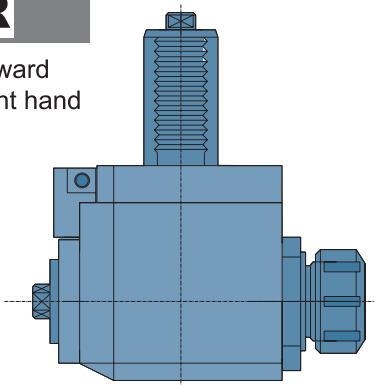
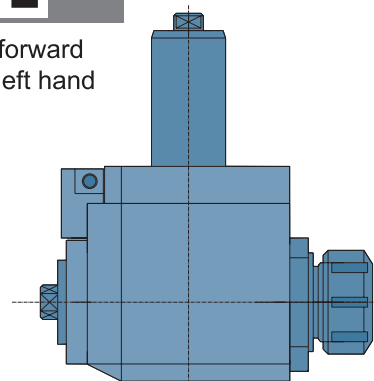


**DA**

Straight Direct Drive



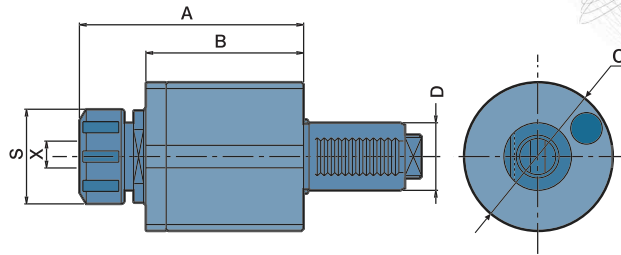
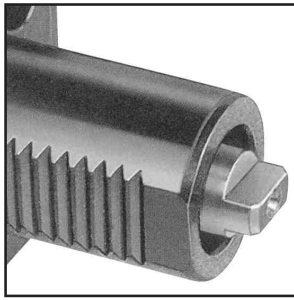
	VDI 20	VDI 30	VDI 40	VDI 50
SHAFT DIA.	20	30	40	50

**BR**B: backward  
R: right hand**BL**B: backward  
L: left hand**FR**F: forward  
R: right hand**FL**F: forward  
L: left hand**TXX**

T: Tapping

**EX:**

- BR4018093290 it's VDI 40, right hand, coupling type 1809, backward come with ER 32 nut. P.C.D. is 90mm
- FL3054822555 it's VDI 30 left hand coupling type 5482 (B15x12) forward, come with ER 25 nut. P.C.D. is 55mm



## Power Transmission According To DIN 1809

- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	CODE NO.
DA20180916	20	1-10 ER16	32	6000	1 : 1	77	49	58	5006-001
DA30180925	30	1-16 ER25	42	6000	1 : 1	101	70	68	5006-002
DA40180932	40	2-20 ER32	50	6000	1 : 1	89	55	86	5006-003
DA50180940	50	3-26 ER40	63	6000	1 : 1	120	81.5	96	5006-004
DA60180950	60	10-34 ER50	78	6000	1 : 1	140	88.5	116	5006-005

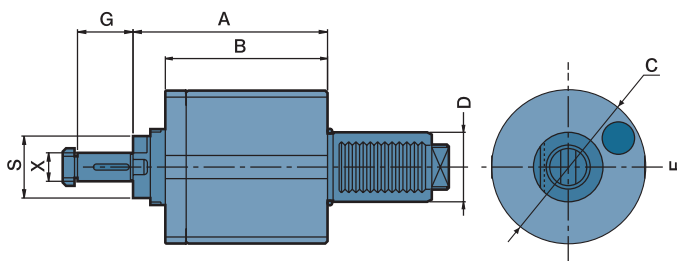
## Axial Tapping Heads

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	CODE NO.
TDA30180916	30	1-10 ER16	32	3000	1 : 1	103	70	68	5006-006
TDA40180920	40	1-13 ER20	35	3000	1 : 1	112	74	86	5006-007
TDA50180925	50	1-16 ER25	42	3000	1 : 1	121	81.5	96	5006-008
TDA60180932	60	2-20 ER32	50	3000	1 : 1	147	88.5	116	5006-009



## Axial Milling Heads

**DIN 1809**


- External coolant and intermediate rings supply
- To be used for cutter arbor according to DIN 6358

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	G	CODE NO.
DA30180916C	30	16	32	3000	1 : 1	91.5	70	68	27	5006-010
DA40180922C	40	22	32	3000	1 : 1	68.5	55	86	31	5006-012
DA50180922C	50	22	40	3000	1 : 1	117	81.5	96	31	5006-013
DA50180927C	50	27	40	3000	1 : 1	117	81.5	96	33	5006-014



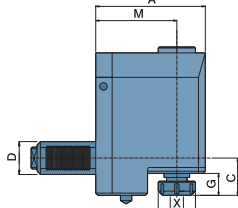
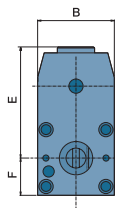
# Radial Drilling And Milling Heads-Back Ward Type



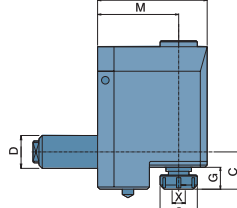
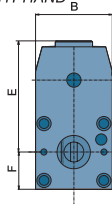
VERTEX®

DIN 1809

MODE: BL  
LEFT-HAND



MODE: BR  
RIGHT-HAND



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	CODE NO.
BR2018091657 BL2018091657	20	1-10 ER16	30	5000	1 : 1	83	50	43	70	27	27	60	5006-015
BR3018092569 BL3018092569	30	1-16 ER25	42	5000	1 : 1	95	60	41.5	75.5	31.5	29	69	5006-016
BR4018093290 BL4018093290	40	2-20 ER32	50	5000	1 : 1	124	80	44	110	42	34	90	5006-017
BR5018094090 BL5018094090	50	3-26 ER40	63	5000	1 : 1	129	86	49	112	45	39	90	5006-018
BR60180950102 BL60180950102	60	10-34 ER50	78	5000	1 : 1	147	104	83	118	54	42	106	5006-019

# Radial Tapping Heads-Back Ward Type

DIN 1809

## DIMENSIONS

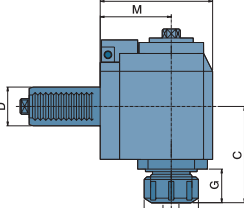
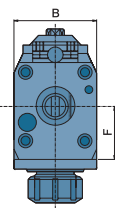
ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	CODE NO.
TBR3018091669 TBL3018091669	30	1-10 ER16	32	3000	1 : 1	95	60	44	75.5	31.5	32	69	5006-020
TBR4018092090 TBL4018092090	40	1-13 ER20	35	3000	1 : 1	124	80	50	110	42	34	90	5006-021
TBR5018092590 TBL5018092590	50	1-16 ER25	42	3000	1 : 1	129	86	54	112	45	36	90	5006-022
TBR60180932102 TBL60180932102	60	2-20 ER32	50	3000	1 : 1	147	104	87	118	54	40	106	5006-023



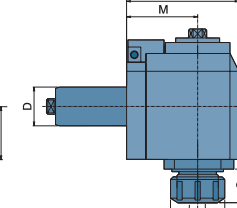
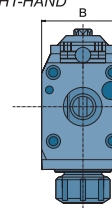
# Radial Drilling And Milling Heads

DIN 1809

MODE: FL  
LEFT-HAND



MODE: FR  
RIGHT-HAND



- To be used for collet DIN 6499
- Collet is not included
- External coolant supply

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	CODE NO.
FR3018092555 FL3018092555	30	1-16 ER25	42	5000	1 : 1	87	64	74.5	41	26	55	5006-024
FR4018093265 FL4018093265	40	2-20 ER32	50	5000	1 : 1	99	80	71	40	23	65	5006-025
FR5018094075 FL5018094075	50	3-26 ER40	63	5000	1 : 1	115	88	103	56	40	75	5006-026

# Radial Tapping Heads

DIN 1809

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	CODE NO.
TFR3018091655 TFL3018091655	30	1-10 ER16	30	3000	1 : 1	87	64	75	41	30	55	5006-027
TFR4018092065 TFL4018092065	40	1-13 ER20	35	3000	1 : 1	99	80	70	40	25	65	5006-028
TFR5018092575 TFL5018092575	50	1-16 ER25	42	3000	1 : 1	115	88	103	56	42	75	5006-029



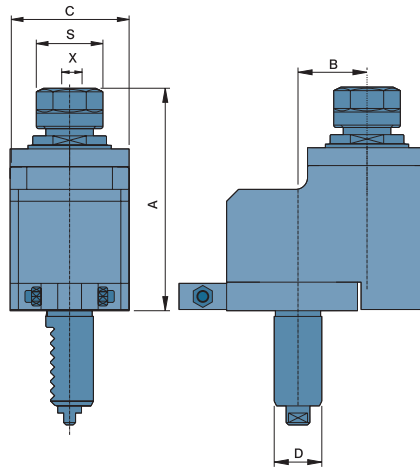
# Axial Drilling And Milling Heads



**VERTEX®**

OFFSET

DIN 1809



- Collet is not included
- To be used for collet DIN 6499
- External coolant supply

## DIMENSIONS

i is speed ratio example:1:2. It's 2 times of speed

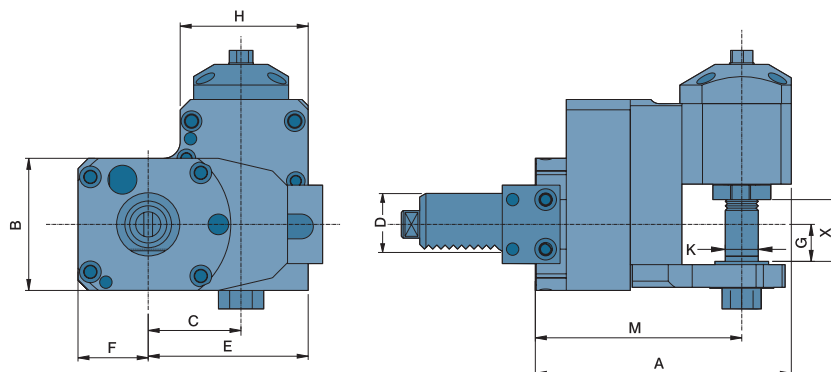
ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	CODE NO.
DA2018091629	20	1-10 ER16	30	4000	1 : 1	93.5	29	50	5006-030
DA3018092529	30	1-16 ER25	42	4000	1 : 1	100	29	60	5006-031
DA3018092529/1	※30	1-16 ER25	42	8000	1 : 2	100	29	60	5006-032
DA4018093250	40	2-20 ER32	50	4000	1 : 1	113	50	80	5006-033
DA5018094065	50	3-26 ER40	63	3000	1 : 1	124	65	86	5006-034



# Radial Milling Heads

DISK CUTTER UNITS

DIN 1809



- External coolant supply

## DIMENSIONS

i:(3:1),It's 3 times of speed decrease

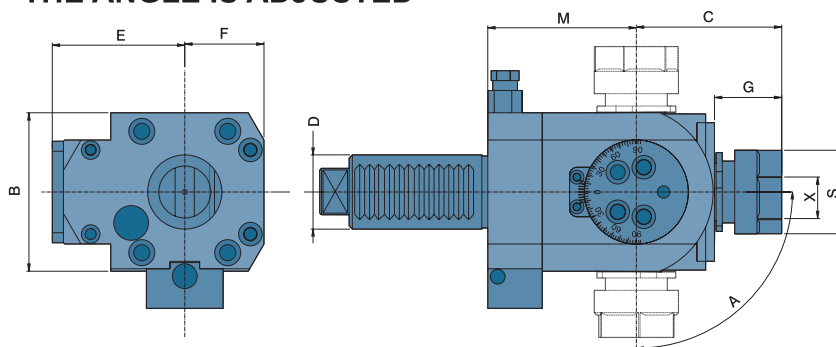
ORDER NO.	D DIN 69880	X Capacity	Maximum R.P.M.	i	A	B	C	E	F	G	H	K	M	CODE NO.
BR30180916C/3 BL30180916C/3	30	29	3000	3 : 1	124	64	45	77.5	34	18	62	16	100	5006-035



# Angular Heads

THE ANGLE IS ADJUSTED

DIN 1809

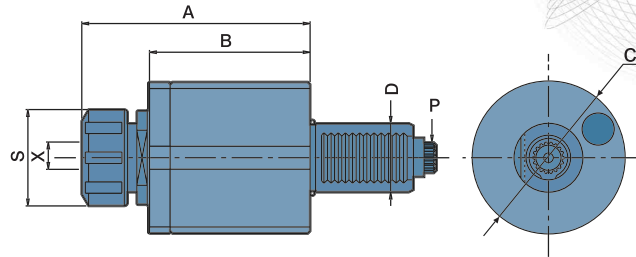


- To be used for collet DIN 6499
- External coolant supply
- Collet is not included

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	CODE NO.
DA30180920B	30	1-13 ER20	35	4000	1 : 1	±90°	64	58.5	53.5	32	27	60	5006-036A





## Power Transmission According To DIN 5480

- External coolant supply
- To be used for collet DIN 6499
- Collet is not included

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	P DIN 5480	CODE NO.
DA30548025	30	1-16 ER25	42	6000	1 : 1	101	70	68	W16X0.8	5006-037
DA40548032	40	2-20 ER32	50	6000	1 : 1	90	55	86	W20X0.8	5006-038

## Axial Tapping Heads

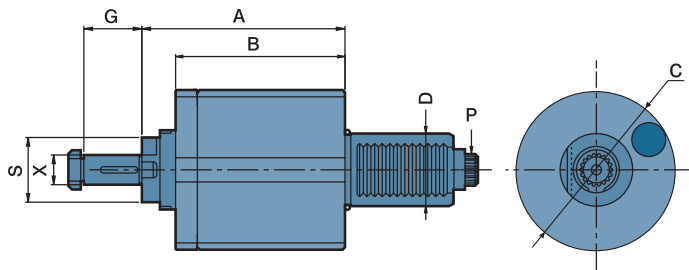
**DIN 5480**

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	P DIN 5480	CODE NO.
TDA30548016	30	1-10 ER16	30	3000	1 : 1	105	70	68	W16X0.8	5006-039A
TDA40548020	40	1-13 ER20	35	3000	1 : 1	93	55	86	W20X0.8	5006-040A



## Axial Milling Heads

**DIN 5480**


- To be used for cutter arbor according to DIN 6358
- External coolant and intermediate rings supply

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	G	P DIN 5480	CODE NO.
DA30548016C	30	16	32	3000	1 : 1	91.5	70	68	27	W16X0.8	5006-041
DA40548016C	40	16	32	3000	1 : 1	68.5	55	86	27	W20X0.8	5006-042
DA40548022C	40	22	32	3000	1 : 1	68.5	55	86	31	W20X0.8	5006-043



# Radial Drilling And Milling Heads-Backward Type

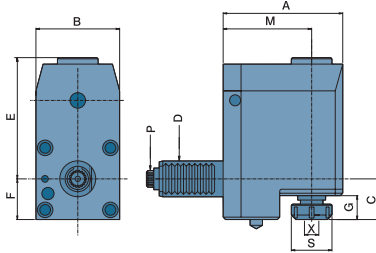


**VERTEX®**

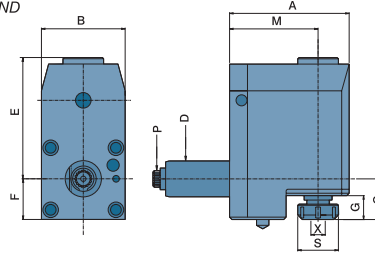
SET BACK

DIN 5480

**MODE: BL**  
LEFT-HAND



**MODE: BR**  
RIGHT-HAND



- To be used for collet DIN 6499
- Collet is not included
- External coolant supply

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	P DIN 5480	CODE NO.
BR3054802569 BL3054802569	30	1-16 ER25	42	5000	1 : 1	95	60	42	75.5	31.5	28.5	69	W16X0.8	5006-044
BR4054803290 BL4054803290	40	2-20 ER32	50	5000	1 : 1	124	80	44	110	42	34	90	W20X0.8	5006-045

## Radial Tapping Heads-Set Back

DIN 5480

## DIMENSIONS

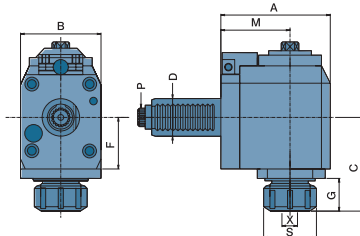
ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	P DIN 5480	CODE NO.
TBR3054801669 TBL3054801669	30	1-10 ER16	30	3000	1 : 1	95	60	44	75.5	31.5	32	69	W16X0.8	5006-046
TBR4054802090 TBL4054802090	40	1-13 ER20	35	3000	1 : 1	124	80	50	110	42	34	90	W20X0.8	5006-047



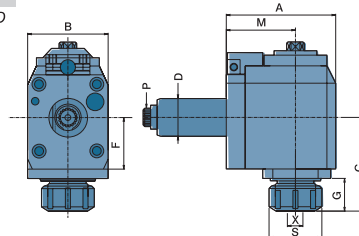
# Radial Drilling And Milling Heads

DIN 5480

**MODE: FL**  
LEFT-HAND



**MODE: FR**  
RIGHT-HAND



- To be used for collet DIN 6499
- Collet is not included
- External coolant supply

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	P DIN 5480	CODE NO.
FR3054802555 FL3054802555	30	1-16 ER25	42	5000	1 : 1	97	64	74.5	41	26	55	W16X0.8	5006-048
FR3054802585 FL3054802585	30	1-16 ER25	42	5000	1 : 1	117	64	74.5	41	26	85	W16X0.8	5006-049
FR4054803265 FL4054803265	40	2-20 ER32	50	5000	1 : 1	99	80	71	40	23	65	W20X0.8	5006-050
FR4054803285 FL4054803285	40	2-20 ER32	50	5000	1 : 1	119	80	71	40	23	85	W20X0.8	5006-051
FR40548032100 FL40548032100	40	2-20 ER32	50	5000	1 : 1	134	80	71	40	23	100	W20X0.8	5006-052

## Radial Tapping Heads

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	P DIN 5480	CODE NO.
TFR3054801665 TFL3054801665	30	1-10 ER16	30	3000	1 : 1	97	64	75	41	30	55	W16X0.8	5006-053
TFR3054801685 TFL3054801685	30	1-10 ER16	30	3000	1 : 1	117	64	75	41	30	85	W16X0.8	5006-054
TFR4054802065 TFL4054802065	40	1-13 ER20	35	3000	1 : 1	99	80	70	40	25	65	W20X0.8	5006-055
TFR4054802085 TFL4054802085	40	1-13 ER20	35	3000	1 : 1	119	80	70	40	25	85	W20X0.8	5006-056



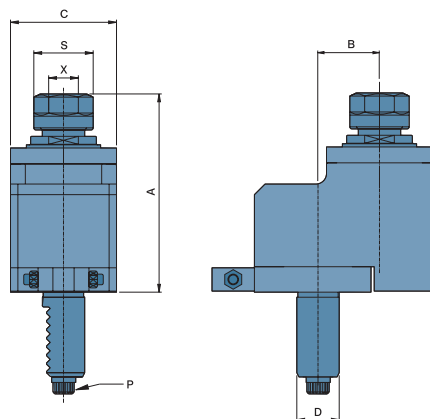
# Axial Drilling And Milling Heads-Offset



VERTEX®

OFFSET

DIN 5480



- Collet is not included
- To be used for collet DIN 6499
- External coolant supply

## DIMENSIONS

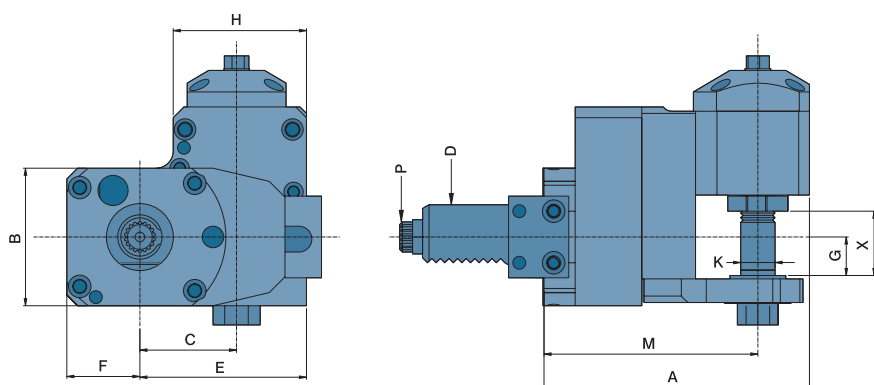
ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	P DIN 5480	CODE NO.
DA3054802529	30	1-16 ER25	42	4000	1 : 1	100	29	60	W16X0.8	5006-057
DA3054802529/1	※ 30	1-16 ER25	42	8000	1 : 2	100	29	60	W16X0.8	5006-058
DA4054803250	40	2-20 ER32	50	4000	1 : 1	113	50	80	W20X0.8	5006-059



# Radial Drilling And Milling Heads

DISK CUTTER UNITS

DIN 5480



- External coolant supply

## DIMENSIONS

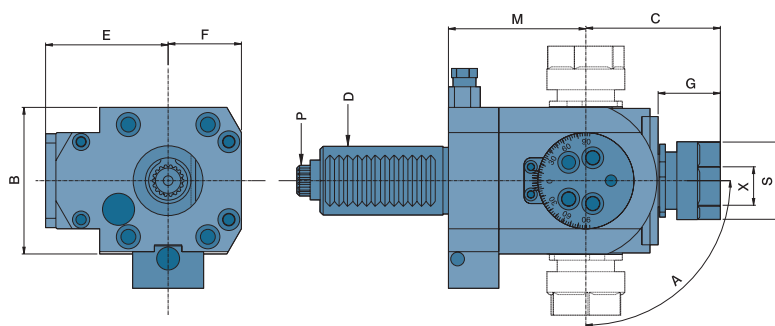
ORDER NO.	D DIN 69880	X Capacity	Maximum R.P.M.	i	A	B	C	E	F	G	H	K	M	P DIN 5480	CODE NO.
BR30548016C/3 BL30548016C/3	30	29	3000	3 : 1	124	64	45	77.5	34	18	62	16	100	W16X0.8	5006-060



# Angular Heads

ANGLE IS ADJUSTED

DIN 5480



- Collet is not included
- To be used for collet DIN 6499
- External coolant supply

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	P DIN 5480	CODE NO.
DA30548020B	30	1-13 ER20	35	4000	1 : 1	±90°	64	59	54	32	27	67	W16X0.8	5006-061A



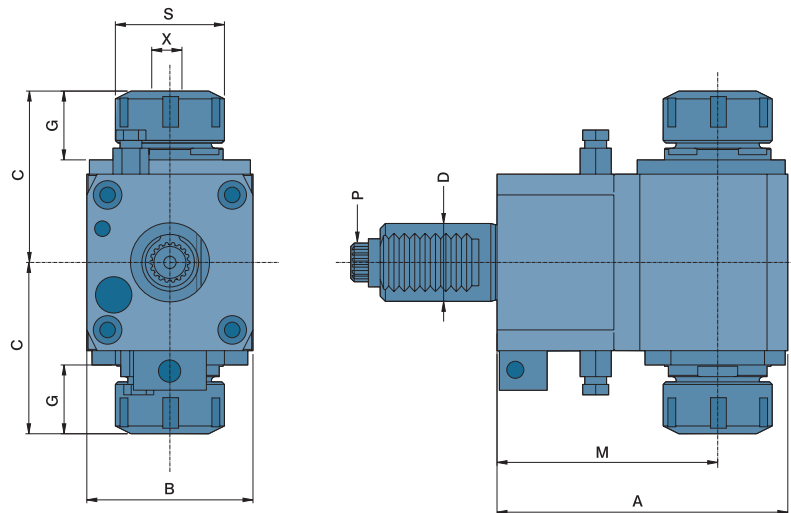


# Radial Double Drilling And Milling Heads

DIN 5480



VERTEX®



- Collet is not included
- External coolant supply
- To be used for collet DIN 6499

## DIMENSIONS

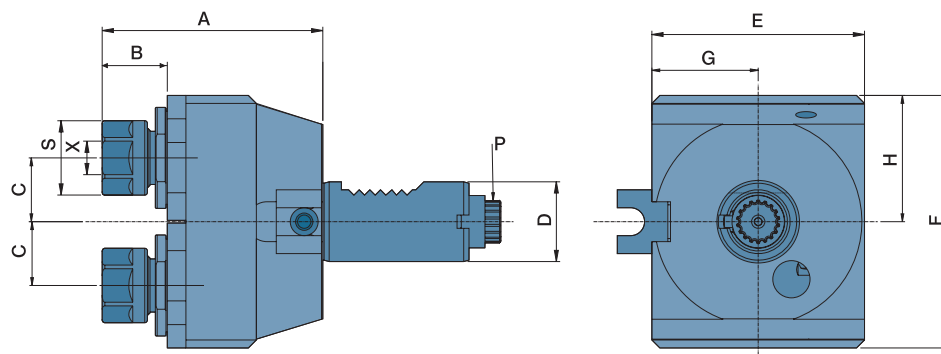
ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	G	M	P DIN 5480	CODE NO.
DF3054802585D	30	1-16 ER25	42	4000	1 : 1	112	64	66	26.5	85	W16X0.8	5006-062
DF4054803285D	40	2-20 ER32	50	4000	1 : 1	119	80	82	28	85	W20X0.8	5006-063
DF40548032100D	40	2-20 ER32	50	4000	1 : 1	134	80	82	28	100	W20X0.8	5006-064



# Axial Double Drilling And Milling Heads

DOUBLE COLLETS, Y OFFSET

DIN 5480



- Collet is not included
- External coolant supply
- To be used for collet DIN 6499

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	H	P DIN 5480	CODE NO.
DA30548016DY	30	1-10 ER16	30	4000	1 : 1	83	24.5	24	80	95	40	47.5	W16X0.8	5006-065



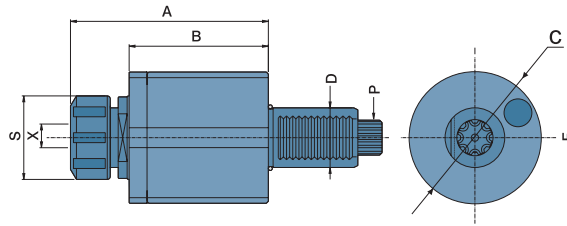
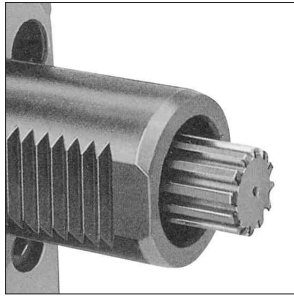
# Axial Drilling And Milling Heads

FOR DIN 5482 MACHINE USING

DIN 5482



VERTEX®



**Power Transmission According To DIN 5482**

- External coolant supply
- To be used for collet DIN 6499
- Collet is not included

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	P DIN 5482	CODE NO.
DA30548225	30	1-16 ER25	42	6000	1 : 1	101	70	68	B15X12	5006-066
DA40548232	40	2-20 ER32	50	6000	1 : 1	110	73.5	86	B17X14	5006-067
DA50548240	50	3-26 ER40	63	6000	1 : 1	121	81.5	96	B20X17	5006-068
DA60548250	60	10-34 ER50	78	6000	1 : 1	140	88.5	116	B25X22	5006-069

## Axial Tapping Heads

DIN 5482

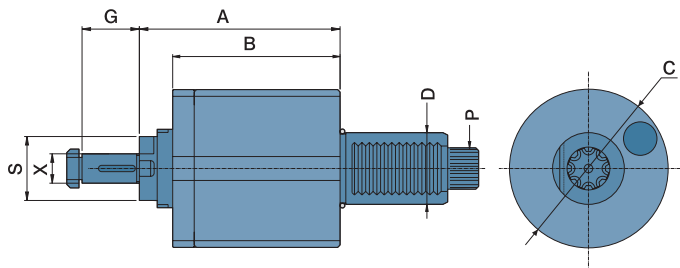
## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	P DIN 5482	CODE NO.
TDA30548216	30	1-10 ER16	30	3000	1 : 1	103	70	68	B15X12	5006-070
TDA40548220	40	1-13 ER20	35	3000	1 : 1	104	73.5	86	B17X14	5006-071
TDA50548225	50	1-16 ER25	42	3000	1 : 1	121	81.5	96	B20X17	5006-072
TDA60548232	60	2-20 ER32	50	3000	1 : 1	147	88.5	116	B25X22	5006-073



# Axial Milling Heads

DIN 5480



- External coolant and intermediate rings supply
- To be used for cutter arbor according to DIN 6358

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	G	P DIN 5482	CODE NO.
DA30548216C	30	16	32	3000	1 : 1	91.5	70	68	27	B15X12	5006-074
DA40548216C	40	16	32	3000	1 : 1	68.5	55	86	27	B17X14	5006-075
DA40548222C	40	22	32	3000	1 : 1	68.5	55	86	31	B17X14	5006-076
DA50548222C	50	22	40	3000	1 : 1	117	81.5	96	31	B20X17	5006-077
DA50548227C	50	27	40	3000	1 : 1	117	88.5	96	33	B20X17	5006-078



# Radial Drilling And Milling Heads

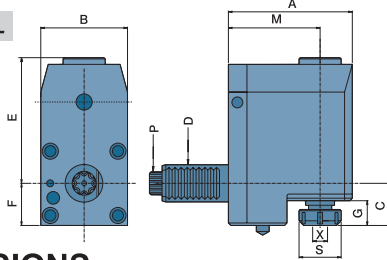


**VERTEX®**

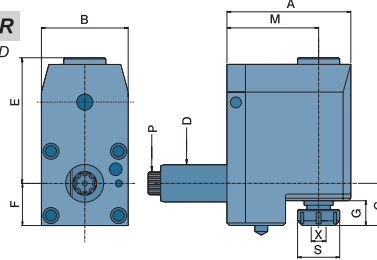
## BACKWARDS

DIN 5482

MODE: BL  
LEFT-HAND



MODE: BR  
RIGHT-HAND



- To be used for collet DIN 6499
- Collet is not included
- External coolant supply

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	P DIN 5482	CODE NO.
BR3054822569 BL3054822569	30	1-16 ER25	42	5000	1 : 1	95	60	42	75.5	31.5	28.5	69	B15X12	5006-079
BR4054823290 BL4054823290	40	2-20 ER32	50	5000	1 : 1	124	80	44	110	42	34	90	B17X14	5006-080
BR5054824090 BL5054824090	50	3-26 ER40	63	5000	1 : 1	129	86	49	112	45	39	90	B20X17	5006-081
BR60548250102 BL60548250102	60	10-34 ER50	78	5000	1 : 1	147	104	83	118	54	42	106	B25X22	5006-082

## Radial Tapping Heads-Backwards

## DIMENSIONS

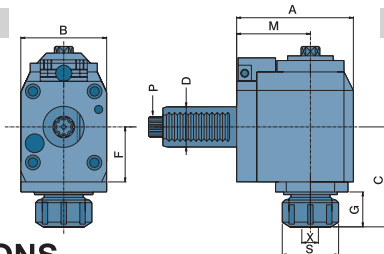
ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	P DIN 5482	CODE NO.
TBR3054821669 TBL3054821669	30	1-10 ER16	30	3000	1 : 1	95	60	44	75.5	31.5	32	69	B15X12	5006-083
TBR4054822090 TBL4054822090	40	1-13 ER20	35	3000	1 : 1	24	80	50	110	42	34	90	B17X14	5006-084
TBR5054822590 TBL5054822590	50	2-16 ER25	42	3000	1 : 1	129	86	54	112	45	36	90	B20X17	5006-085
TBR60548232102 TBL60548232102	60	2-20 ER32	50	3000	1 : 1	147	104	87	118	54	40	106	B25X22	5006-086



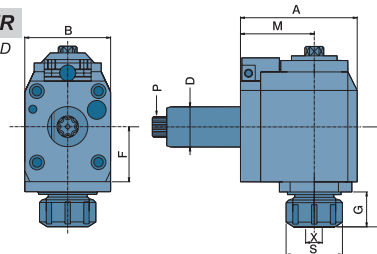
# Radial Drilling And Milling Heads

DIN 5482

MODE: FL  
LEFT-HAND



MODE: FR  
RIGHT-HAND



- To be used for collet DIN 6499
- Collet is not included
- External coolant supply

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	P DIN 5482	CODE NO.
FR3054822565 FL3054822565	30	1-16 ER25	42	5000	1 : 1	97	64	74.5	41	26	65	B15X12	5006-087
FR3054822585 FL3054822585	30	1-16 ER25	42	5000	1 : 1	117	64	74.5	41	26	85	B15X12	5006-088
FR4054823265 FL4054823265	40	2-20 ER32	50	5000	1 : 1	99	80	71	40	23	65	B17X14	5006-089
FR4054823285 FL4054823285	40	2-20 ER32	50	5000	1 : 1	119	80	71	40	23	85	B17X14	5006-090
FR5054824075 FL5054824075	50	3-26 ER40	63	5000	1 : 1	115	88	103	56	40	75	B20X17	5006-091

## Radial Tapping Heads

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	P DIN 5482	CODE NO.
TFR3054821665 TFL3054821665	30	1-10 ER16	30	3000	1 : 1	97	64	75	41	30	65	B15X12	5006-092
TFR3054821685 TFL3054821685	30	1-10 ER16	30	3000	1 : 1	117	64	75	41	30	85	B15X12	5006-093
TFR4054822065 TFL4054822065	40	1-13 ER20	35	3000	1 : 1	99	80	70	40	25	65	B17X14	5006-094
TFR4054822085 TFL4054822085	40	1-13 ER20	35	3000	1 : 1	119	80	70	40	25	85	B17X14	5006-095
TFR5054822575 TFL5054822575	50	1-16 ER25	42	3000	1 : 1	115	88	103	56	42	75	B20X17	5006-096



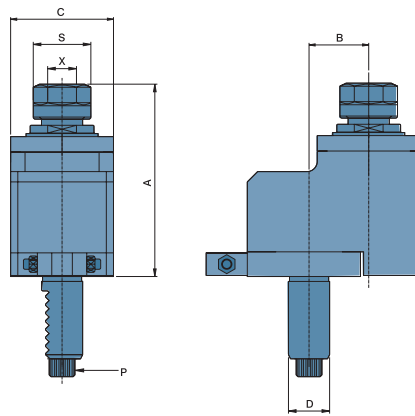
# Axial Drilling And Milling Heads



VERTEX®

OFFSET TYPE

DIN 5482



- To be used for collet DIN 6499
- Collet is not included
- External coolant supply

## DIMENSIONS

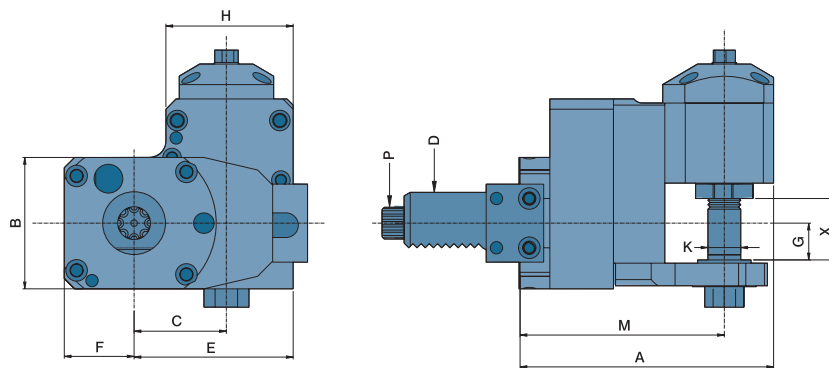
ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	P DIN 5482	CODE NO.
DA3054822529	30	1-16 ER25	42	4000	1 : 1	100	29	60	B15X12	5006-097
DA3054822529/1	※ 30	1-16 ER25	42	8000	1 : 2	100	29	60	B15X12	5006-098
DA4054823250	40	2-20 ER32	50	4000	1 : 1	113	50	80	B17X14	5006-099
DA5054824065	50	3-26 ER40	63	3000	1 : 1	124	65	86	B20X17	5006-100



# Radial Milling Heads

DISK CUTTER UNITS

DIN 5482



- External coolant supply

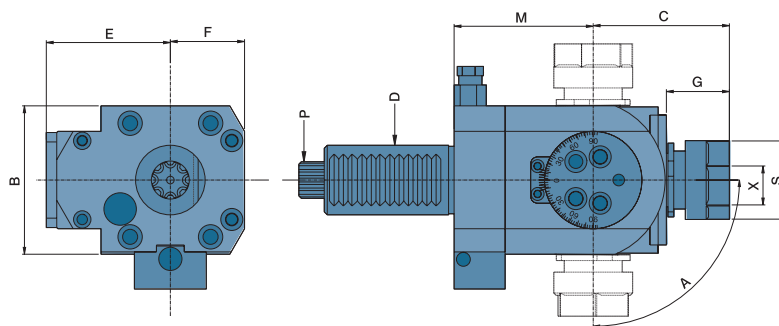
## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	Maximum R.P.M.	i	A	B	C	E	F	G	H	K	M	P DIN 5480	CODE NO.
BR30548216C/3 BL30548216C/3	30	29	3000	3 : 1	124	64	45	77.5	34	18	62	16	100	B15X12	5006-101



# Angular Heads

DIN 5482



- To be used for collet DIN 6499
- Collet is not included
- External coolant supply

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	P DIN 5482	CODE NO.
DA30548220B	30	1-13 ER20	35	4000	1 : 1	±90°	64	59	54	32	27	67	B15X12	5006-102A

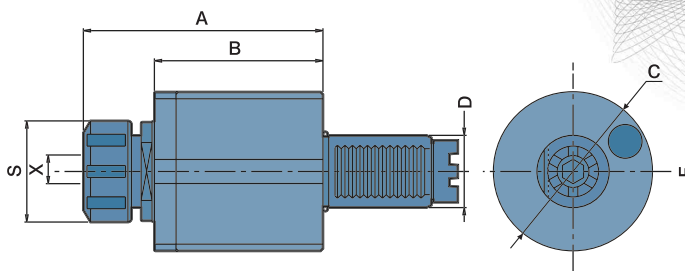
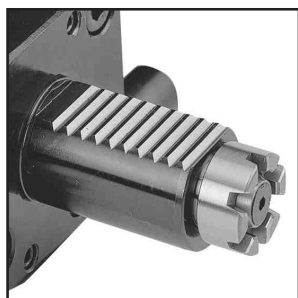


# Axial Drilling And Milling Heads-For "Baruffaldi" Type



**VERTEX®**

## SPUR COUPLING-MT TYPE



- Power Transmission According To "BARUFFALDI"
- MT: Frontal Transmission Coupling Gear is Fixed Version
- To be used for collet DIN 6499
- External coolant supply
- Collet is not included

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	CODE NO.
DA20MT16	20	1-10 ER16	30	6000	1 : 1	76	48	58	5006-103
DA30MT25	30	1-16 ER25	42	6000	1 : 1	86	55	68	5006-104
DA40MT32	40	2-20 ER32	50	6000	1 : 1	89	55	86	5006-105
DA50MT40	50	3-26 ER40	63	6000	1 : 1	118	81.5	96	5006-106

## Axial Tapping Heads

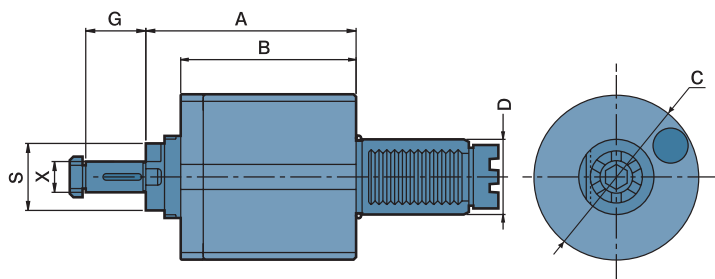
### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	CODE NO.
TDA30MT16	30	1-10 ER16	30	3000	1 : 1	85	55	68	5006-107
TDA40MT20	40	1-13 ER20	35	3000	1 : 1	102	55	86	5006-108
TDA50MT25	50	1-16 ER25	42	3000	1 : 1	122	81.5	96	5006-109



## Axial Milling Heads

### SPUR COUPLING-MT TYPE



- External coolant and intermediate rings supply
- To be used for cutter arbor according to DIN 6358

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	G	CODE NO.
DA30MT16C	30	16	32	3000	1 : 1	91.5	55	68	27	5006-110
DA40MT16C	40	16	32	3000	1 : 1	68.5	55	86	27	5006-111
DA40MT22C	40	22	32	3000	1 : 1	68.5	55	86	31	5006-112
DA50MT22C	50	22	40	3000	1 : 1	117	81.5	96	31	5006-113
DA50MT27C	50	27	40	3000	1 : 1	117	81.5	96	33	5006-114





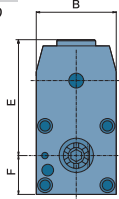
# Radial Drilling And Milling Heads-Backwards



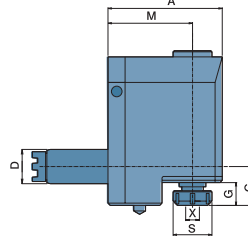
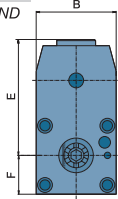
**VERTEX®**

## SPUR COUPLING-MT TYPE

**MODE: BL**  
LEFT-HAND



**MODE: BR**  
RIGHT-HAND



- External coolant supply
- To be used for collet DIN 6499
- Collet is not included

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	CODE NO.
BR20MT1657 BL20MT1657	20	1-10 ER16	30	5000	1 : 1	83	50	35	70	27	27	60	5006-115
BR30MT2569 BL30MT2569	30	1-16 ER25	42	5000	1 : 1	95	60	42	76	32	29	69	5006-116
BR40MT3290 BL40MT3290	40	2-20 ER32	50	5000	1 : 1	124	80	44	110	42	34	90	5006-117
BR50MT4090 BL50MT4090	50	3-26 ER40	63	5000	1 : 1	129	86	49	112	45	39	90	5006-118

## Radial Tapping Heads-Backwards

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	CODE NO.
TBR30MT1669 TBL30MT1669	30	1-10 ER16	30	3000	1 : 1	95	60	44	76	32	32	69	5006-119
TBR40MT2090 TBL40MT2090	40	1-13 ER20	35	3000	1 : 1	124	80	50	110	42	34	90	5006-120
TBR50MT2590 TBL50MT2590	50	1-16 ER25	42	3000	1 : 1	129	86	54	112	45	36	90	5006-121

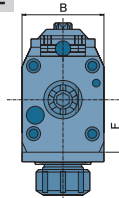


# Radial Drilling And Milling Heads

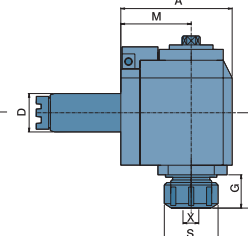
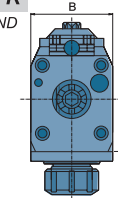
## SET BACK

## SPUR COUPLING-MT TYPE

**MODE: FL**  
LEFT-HAND



**MODE: FR**  
RIGHT-HAND



- External coolant supply
- To be used for collet DIN 6499
- Collet is not included

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	CODE NO.
FR30MT2565 FL30MT2565	30	1-16 ER25	42	5000	1 : 1	97	64	74.5	41	26	65	5006-122
FR30MT2585 FL30MT2585	30	1-16 ER25	42	5000	1 : 1	117	64	74.5	41	26	85	5006-123
FR40MT3265 FL40MT3265	40	2-20 ER32	50	5000	1 : 1	99	80	71	40	23	65	5006-124
FR40MT3285 FL40MT3285	40	2-20 ER32	50	5000	1 : 1	119	80	71	40	23	85	5006-125
FR40MT32100 FL40MT32100	40	2-20 ER32	50	5000	1 : 1	134	80	71	40	23	100	5006-126
FR50MT4075 FL50MT4075	50	3-26 ER40	60	5000	1 : 1	115	88	103	56	40	75	5006-127

## Radial Tapping Heads

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	CODE NO.
TFR30MT1665 TFL30MT1665	30	1-10 ER16	30	3000	1 : 1	97	64	75	41	30	65	5006-128
TFR30MT1685 TFL30MT1685	30	1-10 ER16	30	3000	1 : 1	117	64	75	41	30	85	5006-129
TFR40MT2065 TFL40MT2065	40	1-13 ER20	35	3000	1 : 1	99	80	70	40	25	65	5006-130
TFR40MT2085 TFL40MT2085	40	1-13 ER20	35	3000	1 : 1	119	80	70	40	25	85	5006-131
TFR50MT2575 TFL50MT2575	50	1-16 ER25	42	3000	1 : 1	115	88	103	56	42	75	5006-132



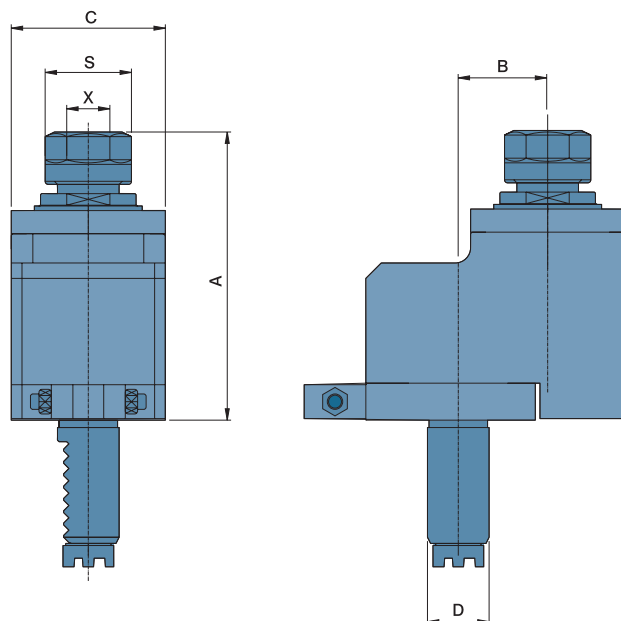
# Axial Drilling And Milling Heads



**VERTEX®**

OFFSET TYPE

SPUR COUPLING-MT TYPE



- Collet is not included
- External coolant supply
- To be used for collet DIN 6499

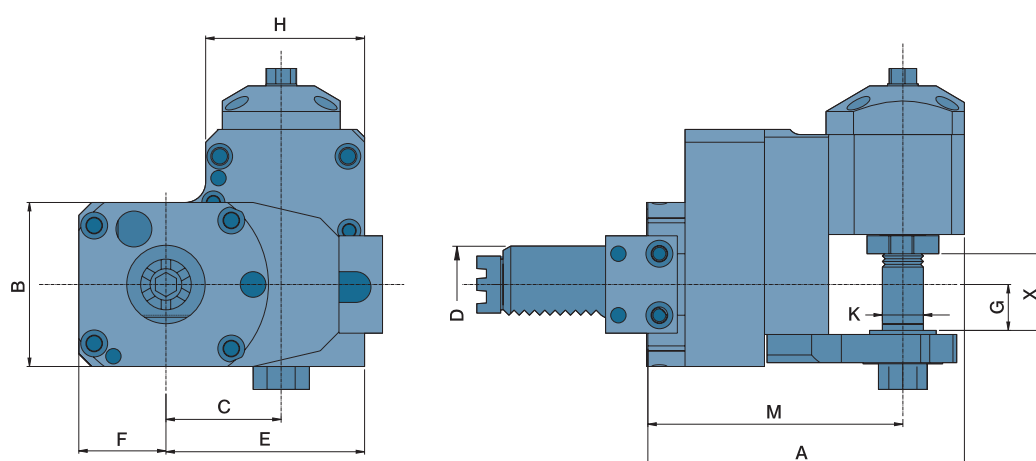
## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	CODE NO.
DA20MT1629	20	1-10 ER16	30	4000	1 : 1	93.5	29	50	5006-133
DA30MT2529	30	1-16 ER25	42	4000	1 : 1	100	29	60	5006-134
DA30MT2529/1	※ 30	2-20 ER32	42	8000	1 : 2	100	29	60	5006-135
DA40MT3250	40	2-20 ER32	50	4000	1 : 1	113	50	80	5006-136
DA50MT4065	50	3-26 ER40	63	3000	1 : 1	124	65	86	5006-137



# Radial Milling Heads

SPUR COUPLING-MT TYPE



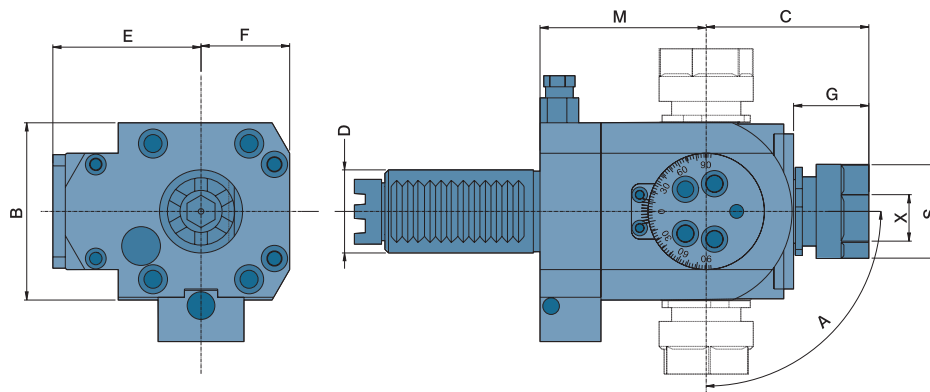
- External coolant supply

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	Maximum R.P.M.	i	A	B	C	E	F	G	H	K	M	CODE NO.
BR30MT16C/3 BL30MT16C/3	30	29	3000	3 : 1	124	64	45	77.5	34	18	62	16	100	5006-138



## SPUR COUPLING-MT TYPE



- To be used for collet DIN 6499
- External coolant supply
- Collet is not included

### DIMENSIONS

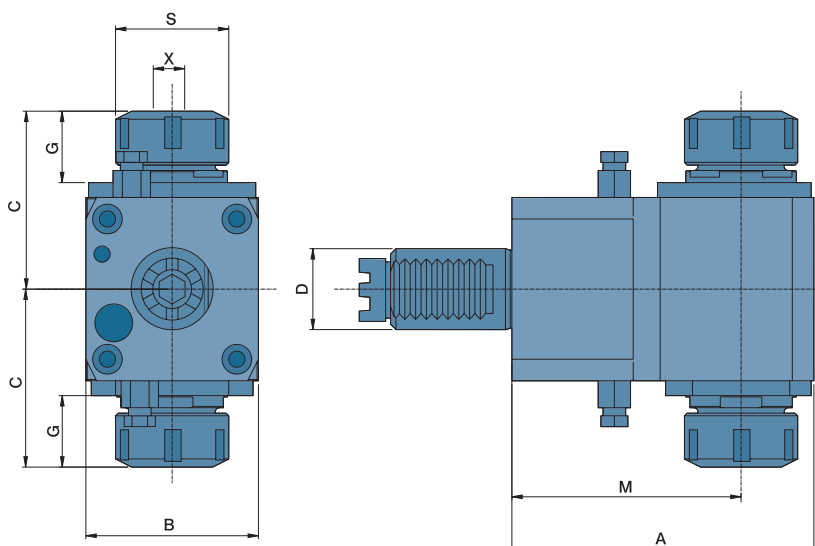
ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	CODE NO.
DA30MT20B	30	1-13 ER20	35	4000	1 : 1	±90°	64	59	54	32	27	67	5006-139A



# Radial Drilling And Milling Heads

## DOUBLE HEAD TYPE

## SPUR COUPLING-MT TYPE



- To be used for collet DIN 6499
- External coolant supply
- Collet is not included

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	G	M	CODE NO.
DF30MT2585D	30	1-16 ER25	42	4000	1 : 1	112	64	66	27	85	5006-140
DF40MT3285D	40	2-20 ER32	50	4000	1 : 1	119	80	82	28	85	5006-141
DF40MT32100D	40	2-20 ER32	50	4000	1 : 1	134	80	82	28	100	5006-142

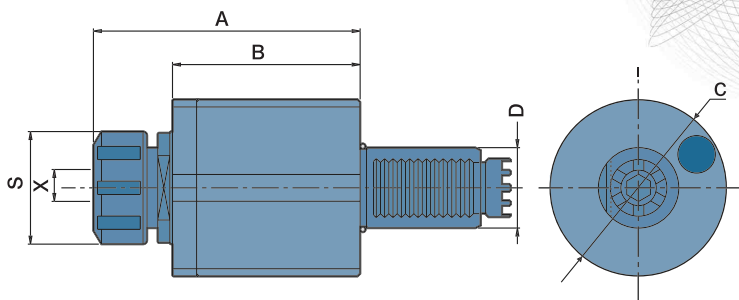
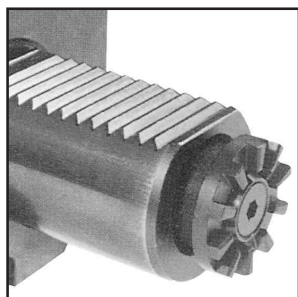


# Axial Drilling And Milling Heads-For "Duplomatic" Type



**VERTEX®**

## SPUR COUPLING-IT TYPE



- Power Transmission According To "DUPLOMATIC"
- IT: Fron-side Coupling is Elastic Stroke

- External coolant supply
- To be used for collet DIN 6499
- Collet is not included

### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	CODE NO.
DA30IT25	30	1-16 ER25	42	6000	1 : 1	86	55	68	5006-143
DA40IT32	40	2-20 ER32	50	6000	1 : 1	89	55	86	5006-144

## Axial Tapping Heads

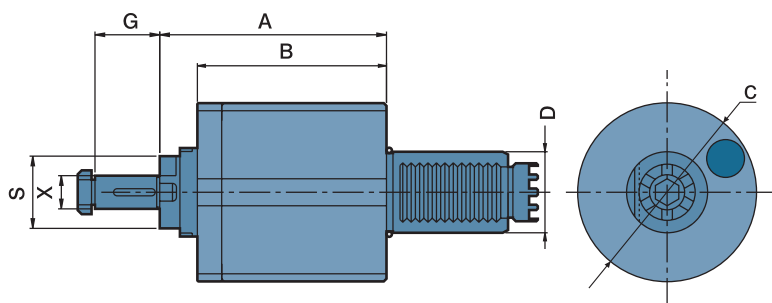
### DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	CODE NO.
TDA30IT16	30	1-10 ER16	30	3000	1 : 1	85	55	68	5006-146
TDA40IT20	40	1-13 ER20	35	3000	1 : 1	102	55	86	5006-147



## Axial Milling Heads

### SPUR COUPLING-IT TYPE



- To be used for cutter arbor according to DIN 6358
- External coolant and intermediate rings supply

### DIMENSIONS

ORDER NO.	D DIN 69880	X DIN 6358	S	Maximum R.P.M.	i	A	B	C	G	CODE NO.
DA30IT16C	30	16	32	3000	1 : 1	91.5	55	68	27	5006-149
DA40IT16C	40	16	32	3000	1 : 1	68.5	55	86	27	5006-150
DA40IT22C	40	22	32	3000	1 : 1	68.5	55	86	31	5006-151



# Radial Drilling And Milling Heads

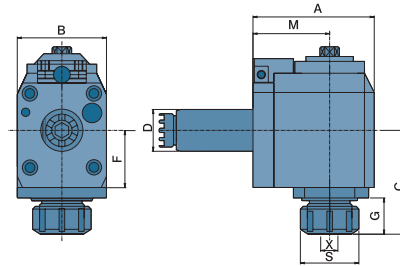
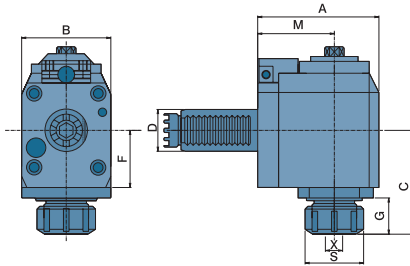


**VERTEX®**

## SPUR COUPLING-IT TYPE

**MODE: FL**  
LEFT-HAND

**MODE: FR**  
RIGHT-HAND



- External coolant supply
- To be used for collet DIN 6499
- Collet is not included

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	CODE NO.
FR30IT2565 FL30IT2565	30	1-16 ER25	42	5000	1 : 1	97	64	74.5	41	26	65	5006-154
FR30IT2585 FL30IT2585	30	1-16 ER25	42	5000	1 : 1	117	64	74.5	41	26	85	5006-155
FR40IT3265 FL40IT3265	40	2-20 ER32	50	5000	1 : 1	99	80	71	40	23	65	5006-156
FR40IT3285 FL40IT3285	40	2-20 ER32	50	5000	1 : 1	119	80	71	40	23	85	5006-157
FR40IT32100 FL40IT32100	40	2-20 ER32	50	5000	1 : 1	134	80	71	40	23	100	5006-158



# Radial Tapping Heads

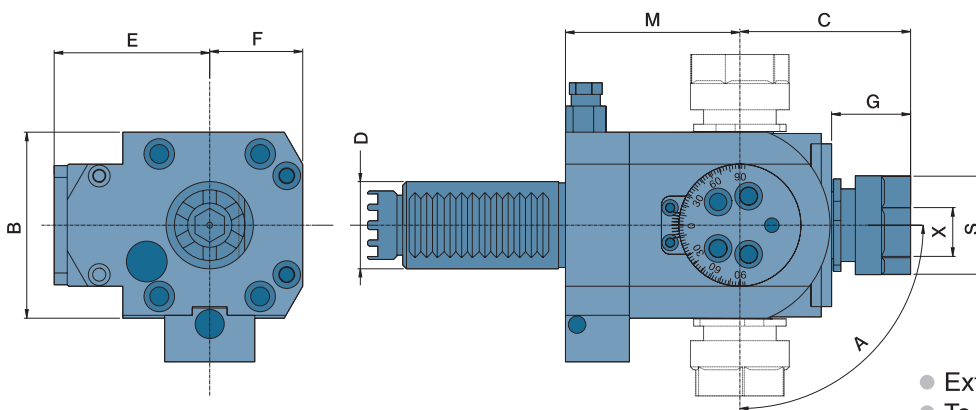
## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	F	G	M	CODE NO.
TFR30IT1665 TFL30IT1665	30	1-10 ER16	30	3000	1 : 1	97	64	75	41	30	65	5006-160
TFR30IT1685 TFL30IT1685	30	1-10 ER16	30	3000	1 : 1	117	64	75	41	30	85	5006-161
TFR40IT2065 TFL40IT2065	40	1-13 ER20	35	3000	1 : 1	99	80	70	40	25	65	5006-162
TFR40IT2085 TFL40IT2085	40	1-13 ER20	35	3000	1 : 1	119	80	70	40	25	85	5006-163



# Angular Heads

## SPUR COUPLING-IT TYPE



- External coolant supply
- To be used for collet DIN 6499
- Collet is not included

## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	E	F	G	M	CODE NO.
DA30IT20B	30	1-13 ER20	35	4000	1 : 1	±90°	64	59	54	32	27	67	5006-165A

Other shank dimensions under development





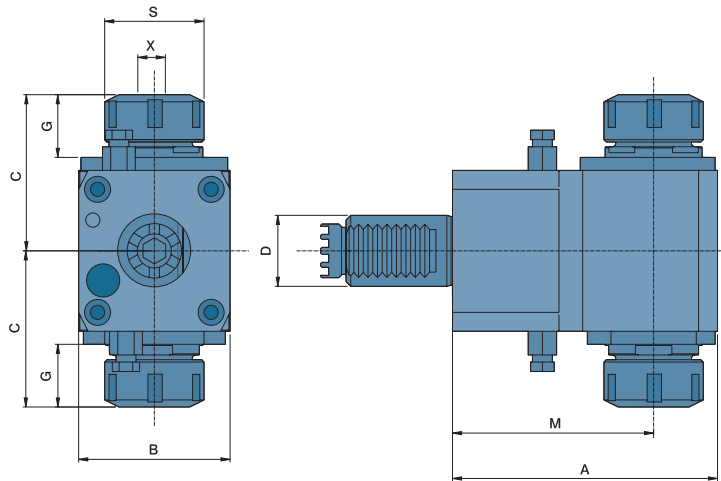
# Radial Drilling And Milling Heads

DOUBLE COLLETS

SPUR COUPLING-IT TYPE



**VERTEX**<sup>®</sup>



- Collet is not included
- External coolant supply
- To be used for collet DIN 6499

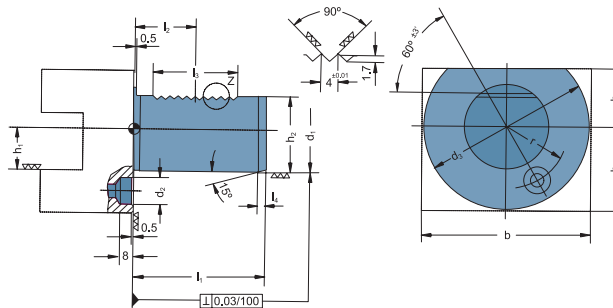
## DIMENSIONS

ORDER NO.	D DIN 69880	X Capacity	S	Maximum R.P.M.	i	A	B	C	G	M	CODE NO.
DF30IT2585D	30	1-16 ER25	42	4000	1 : 1	112	64	66	26.5	85	5006-166
DF40IT3285D	40	2-20 ER32	50	4000	1 : 1	119	80	82	28	85	5006-167
DF40IT32100D	40	2-20 ER32	50	4000	1 : 1	134	80	82	28	100	5006-168

Other shank dimensions under development

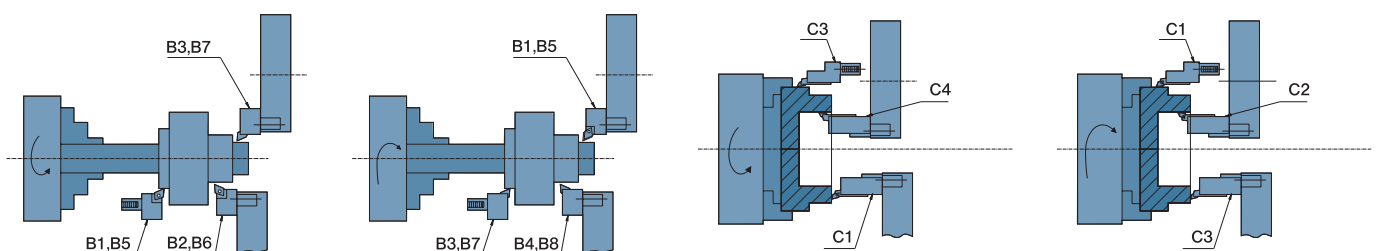


## VDI Dimensional Specification of Shank DIN 69880



## DIMENSIONS

d1 h6	l1 ±0.3	d2		d3	h1 max	h2 ±0.1	l2 ±0.05	l3 min	l4 +1	r4 ±0.02
20	40	10	H6	50	16	18	21.7	24	2	18
30	55	14	H9	68	20	27	29.7	40	2	25
40	63	14	H9	83	25	36	29.7	40	3	32
50	78	16	H9	98	32	45	35.7	48	3	37
60	94	16	H9	123	32	55	43.7	56	4	48





# Radial Static Holders

B1 B2 TYPE

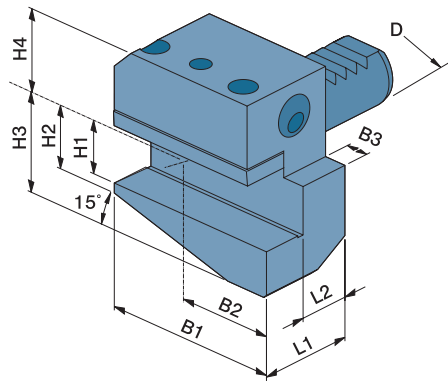
DIN 69880



VERTEX®

**B1**

- Short
- External Coolant Supply
- Right-hand

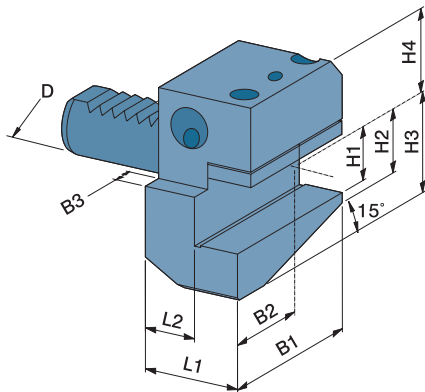


## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
B1-20x16	20	55	30	7	16	19	30	25	30	16	5006-180
B1-30x20	30	70	35	10	20	26	38	28	40	22	5006-181
B1-40x25	40	85	42.5	12.5	25	35	48	32.5	44	22	5006-182
B1-50x32	50	100	50	16	32	42	60	35	55	30	5006-183
B1-60x32	60	125	62.5	16	32	46	62.5	42.5	60	30	5006-184

**B2**

- Left-hand
- External Coolant Supply
- Short



## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
B2-20x16	20	55	30	7	16	19	30	25	30	16	5006-185
B2-30x20	30	70	35	10	20	26	38	28	40	22	5006-186
B2-40x25	40	85	42.5	12.5	25	35	48	32.5	44	22	5006-187
B2-50x32	50	100	50	16	32	42	60	35	55	30	5006-188
B2-60x32	60	125	62.5	16	32	46	62.5	42.5	60	30	5006-189



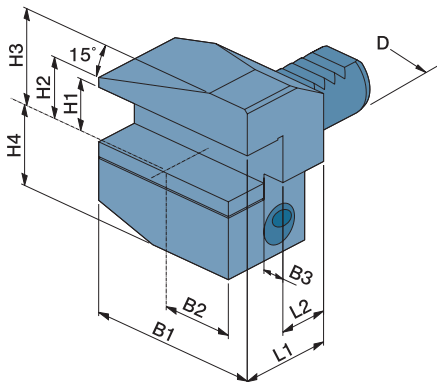
# Radial Static Holders

B3 B4 TYPE

DIN 69880

**B3**

- Short
- External Coolant Supply
- Right-hand

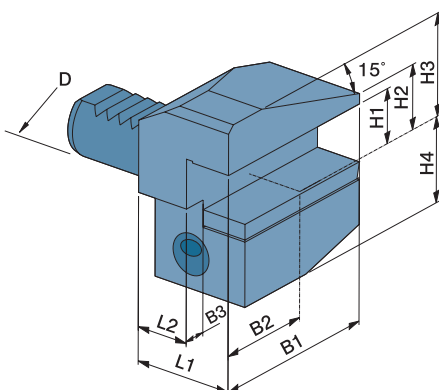


## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
B3-20x16	20	55	30	7	16	19	30	25	30	16	5006-190
B3-30x20	30	70	35	10	20	22	38	35	40	22	5006-191
B3-40x25	40	85	42.5	12.5	25	30	48	42.5	44	22	5006-192
B3-50x32	50	100	50	16	32	35	60	50	55	30	5006-193
B3-60x32	60	125	62.5	16	32	42.5	62.5	42.5	60	30	5006-194

**B4**

- Left-hand
- External Coolant Supply
- Short



## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
B4-20x16	20	55	30	7	16	19	30	25	30	16	5006-195
B4-30x20	30	70	35	10	20	22	38	35	40	22	5006-196
B4-40x25	40	85	42.5	12.5	25	30	48	42.5	44	22	5006-197
B4-50x32	50	100	50	16	32	35	60	50	55	30	5006-198
B4-60x32	60	125	62.5	16	32	42.5	62.5	42.5	60	30	5006-199



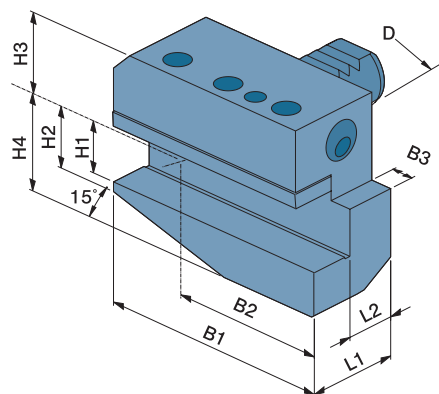
# Radial Static Holders

B5 B6 TYPE

DIN 69880



VERTEX®

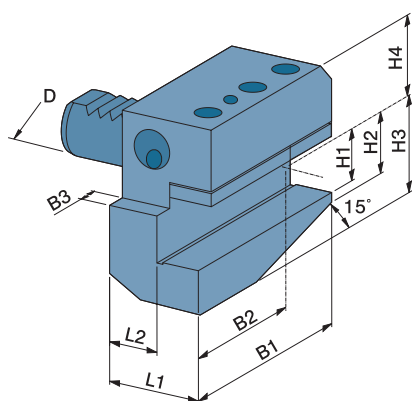


**B5**

- External Coolant Supply
- Right-hand
- Long

## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
B5-20x16	20	75	50	7	16	19	30	25	30	16	5006-200
B5-30x20	30	100	65	10	20	26	38	28	40	22	5006-201
B5-40x25	40	118	76	12.5	25	35	48	32.5	44	22	5006-202
B5-50x32	50	130	80	16	32	42	60	35	55	30	5006-203
B5-60x32	60	145	83	16	32	46	62.5	42.5	60	30	5006-204



**B6**

- Left-hand
- External Coolant Supply
- Long

## DIMENSIONS

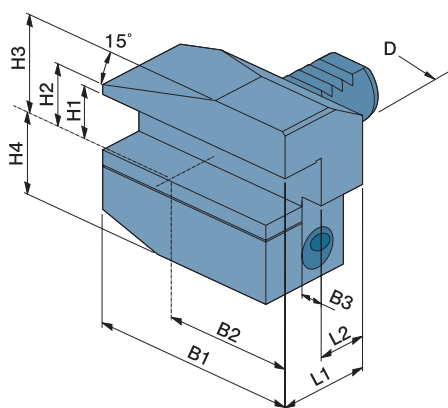
ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
B6-20x16	20	75	50	7	16	19	30	25	30	16	5006-205
B6-30x20	30	100	65	10	20	26	38	28	40	22	5006-206
B6-40x25	40	118	76	12.5	25	35	48	32.5	44	22	5006-207
B6-50x32	50	130	80	16	32	42	60	35	55	30	5006-208
B6-60x32	60	145	83	16	32	46	62.5	42.5	60	30	5006-209



# Radial Static Holders

B7 B8 TYPE

DIN 69880

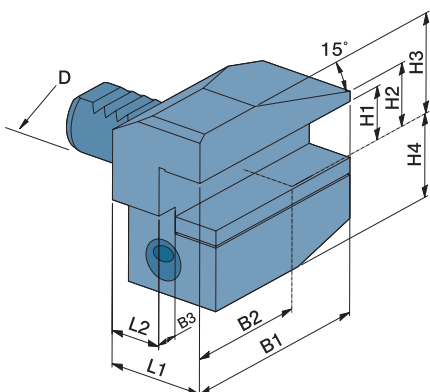


**B7**

- External Coolant Supply
- Right-hand
- Long

## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
B7-20x16	20	75	50	7	16	19	30	25	30	16	5006-210
B7-30x20	30	100	65	10	20	22	38	35	40	22	5006-211
B7-40x25	40	118	75.5	12.5	25	30	48	42.5	44	22	5006-212
B7-50x32	50	130	80	16	32	35	60	50	55	30	5006-213
B7-60x32	60	145	82.5	16	32	42.5	62.5	42.5	60	30	5006-214



**B8**

- Left-hand
- External Coolant Supply
- Long

## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
B8-20x16	20	75	50	7	16	19	30	25	30	16	5006-215
B8-30x20	30	100	65	10	20	22	38	35	40	22	5006-216
B8-40x25	40	118	75.5	12.5	25	30	48	42.5	44	22	5006-217
B8-50x32	50	130	80	16	32	35	60	50	55	30	5006-218
B8-60x32	60	145	82.5	16	32	42.5	62.5	42.5	60	30	5006-219



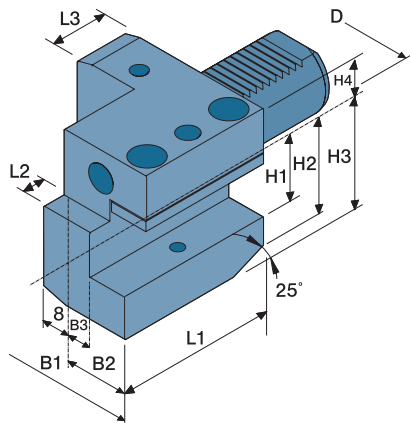
# Axial Static Holders

C1 C2 TYPE



VERTEX®

DIN 69880

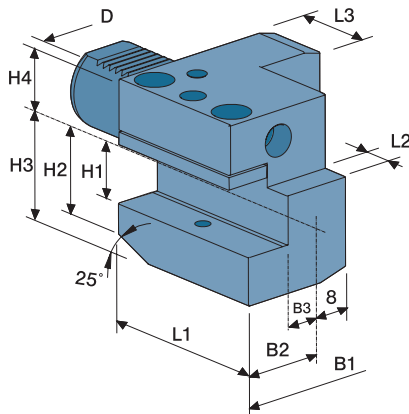


**C1**

- Right-hand
- External Coolant Supply

## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	L3	CODE NO.
C1-20x16	20	65	40	26	16	23	30	25	50	7	30	5006-220
C1-30x20	30	70	35	17	20	28	38	28	70	10	30	5006-221
C1-40x25	40	85	42.5	21	25	-	48	32.5	85	12.5	30	5006-222
C1-50x32	50	100	50	26	32	-	60	35	100	16	40	5006-223
C1-60x32	60	125	62.5	33	32	-	62.5	42.5	125	16	40	5006-224



**C2**

- External Coolant Supply
- Left-hand

## DIMENSIONS

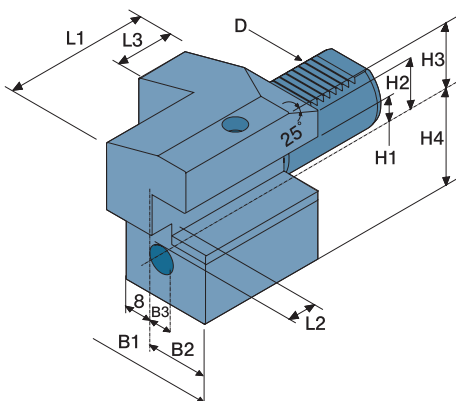
ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	L3	CODE NO.
C2-20x16	20	65	40	26	16	23	30	25	50	7	30	5006-225
C2-30x20	30	76	41	23	20	28	38	28	70	10	30	5006-226
C2-40x25	40	90	47.5	25.5	25	-	48	32.5	85	12.5	30	5006-227
C2-50x32	50	105	55	30.5	32	-	60	35	100	16	40	5006-228
C2-60x32	60	125	62.5	33	32	-	62.5	42.5	125	16	40	5006-229



# Axial Static Holders

C3 C4 TYPE

DIN 69880

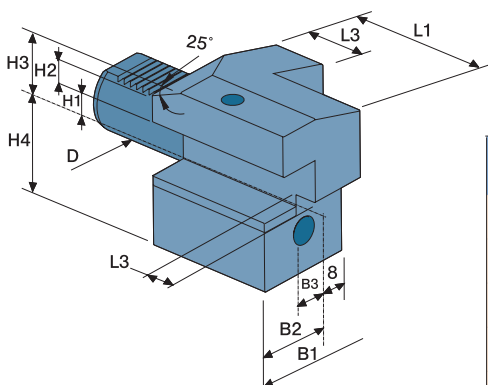


**C3**

- Right-hand
- External Coolant Supply

## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	L3	CODE NO.
C3-20x16	20	65	40	26	16	23	30	25	50	7	30	5006-230
C3-30x20	30	70	35	17	20	28	38	35	70	10	30	5006-231
C3-40x25	40	85	42.5	21	25	-	48	42.5	85	12.5	30	5006-232
C3-50x32	50	100	50	26	32	-	60	50	100	16	40	5006-233
C3-60x32	60	125	62.5	33	32	-	62.5	62.5	125	16	40	5006-234



**C4**

- External Coolant Supply
- Left-hand

## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	L3	CODE NO.
C4-20x16	20	65	40	26	16	23	30	25	50	7	30	5006-235
C4-30x20	30	76	41	23	20	28	38	35	70	10	30	5006-236
C4-40x25	40	90	47.5	25.5	25	-	48	42.5	85	12.5	30	5006-237
C4-50x32	50	105	55	30.5	32	-	60	50	100	16	40	5006-238
C4-60x32	60	125	62.5	33	32	-	62.5	62.5	125	16	40	5006-239



# Combined Static Holders

CB1 CB2 TYPE

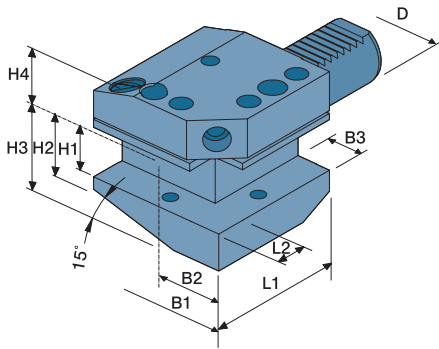
DIN 69880



VERTEX®

**CB1**

- External Coolant Supply
- Right-hand

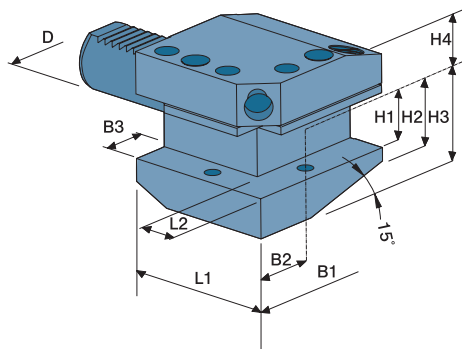


## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
CB1-20x16	20	65	40	14	16	19	30	25	50	14	5006-240
CB1-30x20	30	74	40	18	20	26	38	28	70	18	5006-241
CB1-40x25	40	85	45	22	25	35	48	32.5	100	22	5006-242
CB1-50x32	50	105	55	25	32	42	60	35	120	25	5006-243
CB1-60x32	60	125	62.5	30	32	46	62.5	42.5	135	30	5006-244

**CB2**

- Left-hand
- External Coolant Supply



## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
CB2-20x16	20	65	40	14	16	19	30	25	50	14	5006-245
CB2-30x20	30	74	40	18	20	26	38	28	70	18	5006-246
CB2-40x25	40	85	47	22	25	35	48	32.5	100	22	5006-247
CB2-50x32	50	105	55	25	32	42	60	35	120	25	5006-248
CB2-60x32	60	125	62.5	30	32	46	62.5	42.5	135	30	5006-249



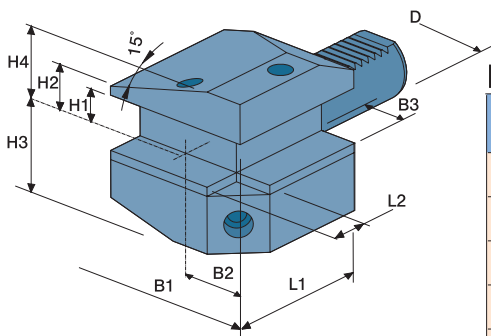
# Combined Static Holders

CB3 CB4 TYPE

DIN 69880

**CB3**

- External Coolant Supply
- Right-hand

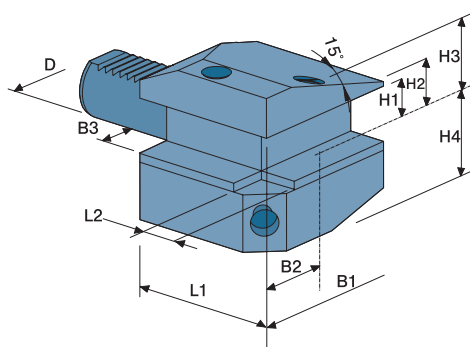


## DIMENSIONS

ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
CB3-20x16	20	65	40	14	16	19	30	25	50	14	5006-250
CB3-30x20	30	74	40	18	20	22	38	28	70	18	5006-251
CB3-40x25	40	85	45	22	25	30	48	32.5	100	22	5006-252
CB3-50x32	50	105	55	25	32	35	60	35	120	25	5006-253
CB3-60x32	60	125	62.5	30	32	42.5	62.5	42.5	135	30	5006-254

**CB4**

- Left-hand
- External Coolant Supply



## DIMENSIONS

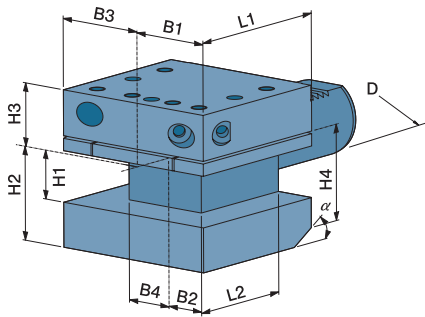
ORDER NO.	D	B1	B2	B3	H1	H2	H3	H4	L1	L2	CODE NO.
CB4-20x16	20	65	40	14	16	19	30	25	50	14	5006-255
CB4-30x20	30	74	40	18	20	22	38	28	70	18	5006-256
CB4-40x25	40	85	47	22	25	30	48	32.5	100	22	5006-257
CB4-50x32	50	105	55	25	32	35	60	35	120	25	5006-258
CB4-60x32	60	125	62.5	30	32	42.5	62.5	42.5	135	30	5006-259





### D1

- Right-hand
- External Coolant Supply

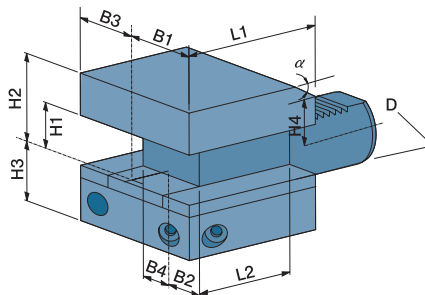


### DIMENSIONS

ORDER NO.	D	B1	B2	B3	B4	H1	H2	H3	H4	L1	L2	$\alpha$	CODE NO.
D1-30x20	30	35	17	41	23	20	38	35	30	60	42	25°	5006-260
D1-40x25	40	42.5	21	47.5	25.5	25	48	42.5	40	72	50	25°	5006-261
D1-50x32	50	50	26	55	30.5	32	60	50	-	85	60	-	5006-262
D1-60x32	60	57.5	33	57.5	33	32	62.5	62.5	-	110	85	-	5006-263

### D2

- Left-hand
- External Coolant Supply



### DIMENSIONS

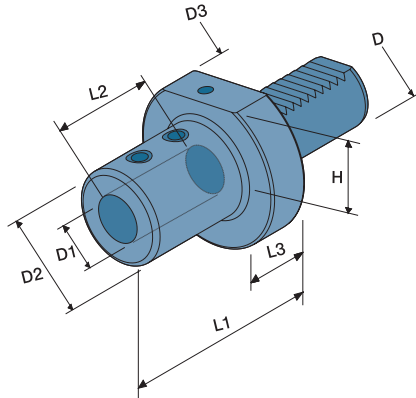
ORDER NO.	D	B1	B2	B3	B4	H1	H2	H3	H4	L1	L2	$\alpha$	CODE NO.
D2-30x20	30	35	17	41	23	20	38	35	30	60	42	25°	5006-264
D2-40x25	40	42.5	21	47.5	25.5	25	48	42.5	40	72	50	25°	5006-265
D2-50x32	50	50	26	55	30.5	32	60	50	-	85	60	-	5006-266
D2-60x32	60	57.5	33	57.5	33	32	62.5	62.5	-	110	85	-	5006-267



## Static Holders

### E1 TYPE

### DIN 69880

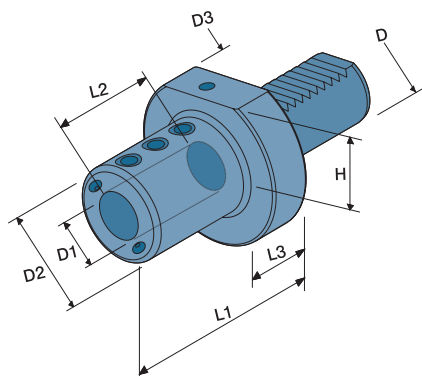


### E1

- Internal Coolant Supply
- U Drills

### DIMENSIONS

ORDER NO.	D	D1	D2	D3	H	L1	L2	L3	CODE NO.
E1-20x20	20	20	40	50	-	67	57	18	5006-268
E1-20x25	20	25	45	50	-	71	59	18	5006-269
E1-30x20	30	20	40	68	28	67	54	22	5006-270
E1-30x25	30	25	45	68	28	71	59	22	5006-271
E1-30x32	30	32	52	68	28	75	63	22	5006-272
E1-40x20	40	20	40	83	32.5	67	54	22	5006-273
E1-40x25	40	25	45	83	32.5	75	59	22	5006-274
E1-40x32	40	32	52	83	32.5	75	63	22	5006-275
E1-40x40	40	40	60	83	32.5	90	73	22	5006-276
E1-50x20	50	20	40	98	35	67	54	30	5006-277
E1-50x25	50	25	45	98	35	80	59	30	5006-278
E1-50x32	50	32	52	98	35	80	63	30	5006-279
E1-50x40	50	40	60	98	35	90	73	30	5006-280
E1-50x50	50	50	70	98	35	100	83	30	5006-281

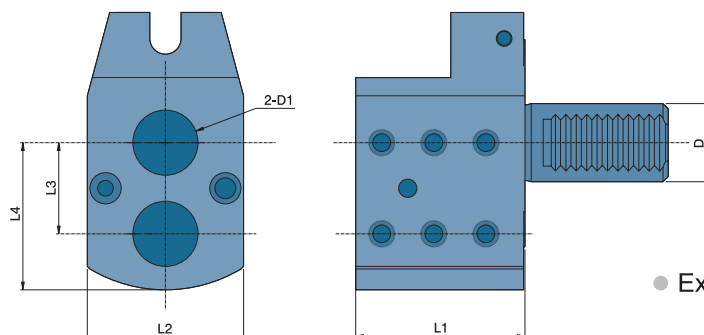


### E2

- Boring Bar Holder
- External Coolant Supply

### DIMENSIONS

ORDER NO.	D	D1	D2	D3	H	L1	L2	L3	CODE NO.
E2-20x8	20	8	40	50	-	50	41	18	5006-282
E2-20x10	20	10	40	50	-	50	41	18	5006-283
E2-20x12	20	12	40	50	-	50	41	18	5006-284
E2-20x16	20	16	40	50	-	50	41	18	5006-285
E2-20x20	20	20	50	50	-	50	41	-	5006-286
E2-20x25	20	25	50	50	-	60	41	-	5006-287
E2-30x8	30	8	50	68	28	60	51	22	5006-288
E2-30x10	30	10	50	68	28	60	51	22	5006-289
E2-30x12	30	12	50	68	28	60	51	22	5006-290
E2-30x16	30	16	55	68	28	60	51	22	5006-291
E2-30x20	30	20	58	68	28	60	51	22	5006-292
E2-30x25	30	25	62	68	28	60	51	22	5006-293
E2-30x32	30	32	68	68	28	75	61	-	5006-294
E2-40x10	40	10	50	83	32.5	75	61	22	5006-295
E2-40x12	40	12	50	83	32.5	75	61	22	5006-296
E2-40x16	40	16	56	83	32.5	75	61	22	5006-297
E2-40x20	40	20	56	83	32.5	75	61	22	5006-298
E2-40x25	40	25	62	83	32.5	75	61	22	5006-299
E2-40x32	40	32	72	83	32.5	75	61	22	5006-300
E2-40x40	40	40	83	83	32.5	85	76	-	5006-301
E2-50x10	50	10	50	98	35	90	76	30	5006-302
E2-50x12	50	12	56	98	35	90	76	30	5006-303
E2-50x16	50	16	56	98	35	90	76	30	5006-304
E2-50x20	50	20	62	98	35	90	76	30	5006-305
E2-50x25	50	25	72	98	35	90	76	30	5006-306
E2-50x32	50	32	72	98	35	90	76	30	5006-307
E2-50x40	50	40	80	98	35	90	76	30	5006-308
E2-50x50	50	50	90	98	35	95	86	30	5006-309
E2-60x10	60	10	68	123	42.5	90	76	35	5006-310
E2-60x12	60	12	68	123	42.5	90	76	35	5006-311
E2-60x16	60	16	68	123	42.5	90	76	35	5006-312
E2-60x20	60	20	68	123	42.5	90	76	35	5006-313
E2-60x25	60	25	68	123	42.5	90	76	35	5006-314
E2-60x32	60	32	68	123	42.5	90	76	35	5006-315
E2-60x40	60	40	98	123	42.5	90	76	35	5006-316
E2-60x50	60	50	98	123	42.5	95	86	35	5006-317



- External, internal coolant supply

### DIMENSIONS

ORDER NO.	D DIN 69880	D1	L1	L2	L3	L4	CODE NO.
E2-30-2X25-35	30	25	65	60	35	56.5	5006-318
E2-40-2X40-65	40	40	80	80	65	91.5	5006-319



# Static Holders

E3 E4 TYPE

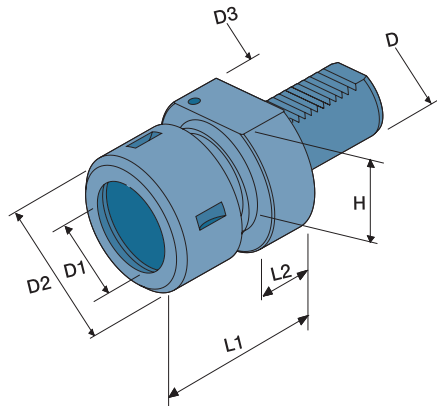


VERTEX®

DIN 69880

**E3**

- For Collet DIN 6388
- External Coolant Supply

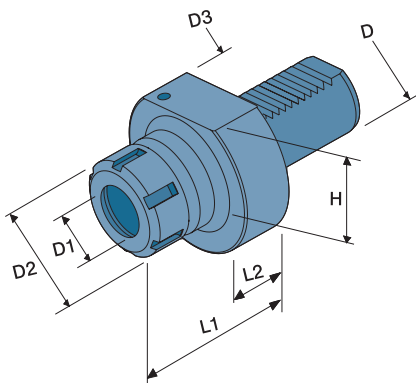


## DIMENSIONS

ORDER NO.	D	D1	D2	D3	H	L1	L2	CODE NO.
E3-30-OZ25	30	2-25	60	68	28	75	22	5006-320
E3-40-OZ25	40	2-25	60	83	32.5	75	22	5006-321
E3-40-OZ32	40	4-32	78	83	32.5	90	22	5006-322
E3-50-OZ25	50	2-25	60	98	35	75	30	5006-323
E3-50-OZ32	50	4-32	78	98	35	90	30	5006-324

**E4**

- External Coolant Supply
- For Collet DIN 6499



## DIMENSIONS

ORDER NO.	D	D1	D2	D3	H	L1	L2	CODE NO.
E4-20-ER25	20	1-16	42	50	-	50	18	5006-325
E4-30-ER25	30	1-16	42	68	28	53	22	5006-326
E4-30-ER32	30	2-20	50	68	28	57	22	5006-327
E4-40-ER32	40	2-20	50	83	32.5	62	22	5006-328
E4-40-ER40	40	3-26	63	83	32.5	75	22	5006-329
E4-50-ER40	50	3-26	63	98	35	75	30	5006-330
E4-60-ER40	60	3-26	63	123	42.5	75	30	5006-331
E4-60-ER50	60	10-34	78	123	42.5	75	30	5006-332



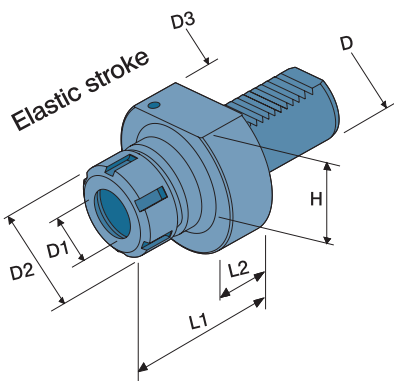
# Static Holders

TAPPER, CHUCK TYPE

DIN 69880

## TAPPER

- External Coolant Supply
- For Collet DIN 6499

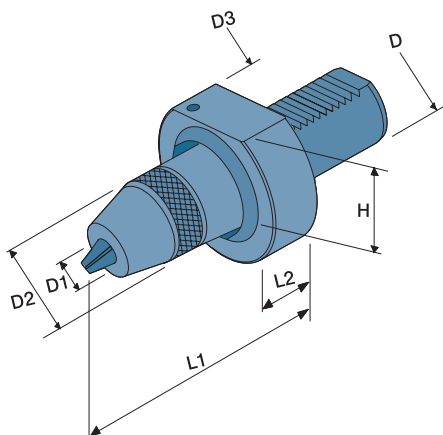


## DIMENSIONS

ORDER NO.	D	D1	D2	D3	H	L1	L2	CODE NO.
TAP-20-ER20	20	1-13	34	50	-	60	18	5006-333
TAP-30-ER25	30	1-16	42	68	28	68	22	5006-334
TAP-40-ER25	40	1-16	42	83	32.5	73	22	5006-335
TAP-50-ER32	50	2-20	50	98	35	83	30	5006-336
TAP-60-ER32	60	2-20	50	123	42.5	85	30	5006-337

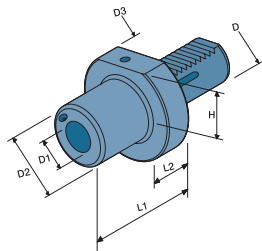
## KEYLESS DRILL CHUCK

- External Coolant Supply



## DIMENSIONS

ORDER NO.	D	D1	D2	D3	H	L1	L2	CODE NO.
CHUCK-30-13	30	1-13	51	68	28	85	22	5006-338
CHUCK-40-13	40	1-13	51	83	32.5	85	22	5006-339
CHUCK-40-16	40	3-16	58	83	32.5	90	22	5006-340
CHUCK-50-13	50	1-13	51	98	35	85	30	5006-341
CHUCK-50-16	50	3-16	58	98	35	90	30	5006-342



- Tool holders with morse taper according DIN 228
- External Coolant Supply

### DIMENSIONS

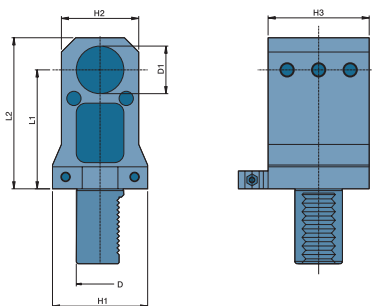
ORDER NO.	D	D1	D2	D3	H	L1	L2	CODE NO.
F20-MT1	20	MT1	-	50	-	23	-	5006-343
F30-MT1	30	MT1	52	68	28	27	22	5006-344
F30-MT2	30	MT2	58	68	28	43	22	5006-345
F30-MT3	30	MT3	64	68	28	66	22	5006-346
F40-MT2	40	MT2	66	83	32.5	43	22	5006-347
F40-MT3	40	MT3	72	83	32.5	58	22	5006-348
F40-MT4	40	MT4	72	83	32.5	78	22	5006-349
F50-MT2	50	MT2	55	98	35	36	30	5006-350
F50-MT3	50	MT3	60	98	35	44	30	5006-351
F50-MT4	50	MT4	70	98	35	71	30	5006-352
F60-MT3	60	MT3	58	123	42.5	36	30	5006-353
F60-MT4	60	MT4	68	123	42.5	50	30	5006-354



# Axial Static Holders

## T1 TYPE

## DIN 69880



- External, internal coolant supply

### DIMENSIONS

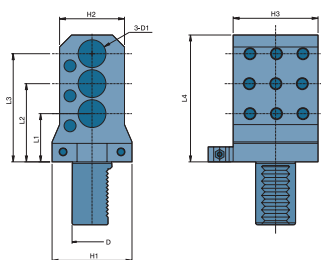
ORDER NO.	D	D1	H1	H2	H3	L1	L2	CODE NO.
T1-30-32-65	30	32	65	52	62	65	90	5006-355
T1-30-32-85	30	32	65	52	62	85	108	5006-356
T1-30-32-100	30	32	65	52	62	100	123	5006-357
T1-30-32-120	30	32	65	52	62	120	143	5006-358
T1-40-32-85	40	32	80	65	85	85	112	5006-359
T1-40-40-85	40	40	80	65	85	85	112	5006-360
T1-40-40-100	40	40	80	65	85	100	127	5006-361



# Axial Static Holders

## T1-X3 TYPE

## DIN 69880



- External coolant supply

### DIMENSIONS

ORDER NO.	D	D1	H1	H2	H3	L1	L2	L3	L4	CODE NO.
T1-30-3X25	30	25	65	65	62	42	85	128	148	5006-362



# Reducing Sleeves

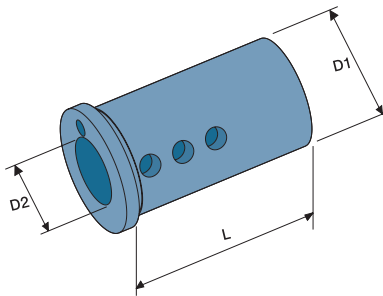
RS-W, RS TYPE



**VERTEX®**

## RS-W

- External Coolant Supply
- For Boring Bar Holder

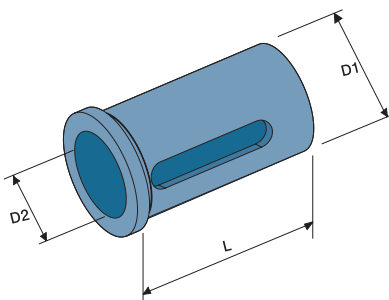


### DIMENSIONS

D1	L	ORDER NO. D2	CODE NO.
20	45	E20-8	5006-370
		E20-10	5006-371
25	55	E25-8	5006-373
		E25-10	5006-374
		E25-12	5006-375
32	60	E32-8	5006-377
		E32-10	5006-378
		E32-12	5006-379
40	75	E40-8	5006-382
		E40-10	5006-383
		E40-12	5006-384
50	85	E50-8	5006-388
		E50-10	5006-389
		E50-12	5006-390
		E50-16	5006-391
		E50-20	5006-392
		E50-25	5006-393

## RS

- For Boring Bar Holder



### DIMENSIONS

D1	L	ORDER NO. D2	CODE NO.
20	50	E20-12-K	5006-399
		E20-16-K	5006-400
25	50	E25-16-K	5006-401A
		E25-20-K	5006-401
32	60	E32-16-K	5006-402A
		E32-20-K	5006-402B
		E32-25-K	5006-402
40	75	E40-16-K	5006-403A
		E40-20-K	5006-403B
		E40-25-K	5006-403C
		E40-32-K	5006-403
50	85	E50-32-K	5006-404A
		E50-40-K	5006-404



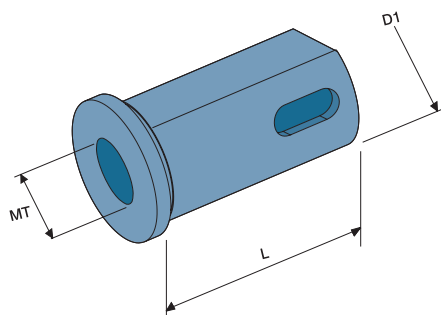


# Reducing Sleeves

RS-MT, TE TYPE



VERTEX®

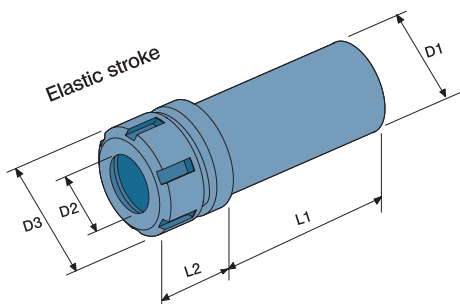


## RS-MT

- Tool holders with morse taper according to DIN 228

### DIMENSIONS

D1	L	MT				
		1	2	3	4	
32	60	E32-MT1	E32-MT2	E32-MT3		ORDER NO.
		5006-410	5006-411	5006-412		CODE NO.
40	75	E40-MT1	E40-MT2	E40-MT3	E40-MT4	ORDER NO.
		5006-414	5006-415	5006-416	5006-417	CODE NO.
50	85	E50-MT1	E50-MT2	E50-MT3	E50-MT4	ORDER NO.
		5006-418	5006-419	5006-420	5006-421	CODE NO.



## TE

- Auto taper with cylindric shaft
- To be used for collet DIN 6499

### DIMENSIONS

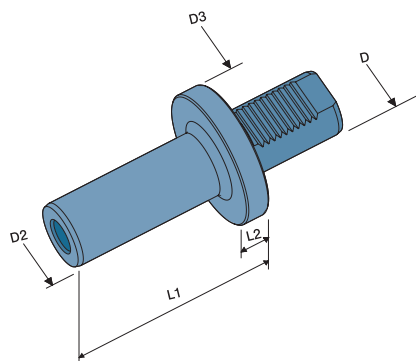
ORDER NO.	D1	D2		D3	L1	L2	CODE NO.
TE25-ER16	25	1-10	M3-M12	ER16 32	70.5	30	5006-430
TE32-ER20	32	2-13	M3-M16	ER20 35	65	40	5006-431
TE40-ER25	40	2-16	M4-M20	ER25 42	75	43	5006-432
TE50-ER32	50	3-20	M6-M24	ER32 50	85	48	5006-433



# Test Mandrel

TB1 TYPE

DIN 69880



### DIMENSIONS

ORDER NO.	D DIN 69880	D2	D3	L1	L2	CODE NO.
TB1-30	30	30	68	115	15	5006-434
TB1-40	40	40	83	115	15	5006-435
TB1-50	50	50	98	115	15	5006-436



# H Type Milling & Drilling Head

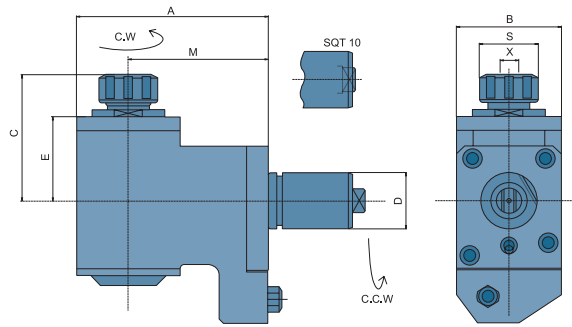


**VERTEX®**

MAZAK SUPER QUICK TURN TYPE

FOR 1ST SPINDLE

**NEW**



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
SQT 10-HMD25	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1-16 ER25	42	5000	137	75	90	60	100	5006-440
SQT 15/18-HMD25	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	1-16 ER25	42	5000	167	80	90	60	130	5006-441
SQT 15/18-HMD32			2-20 ER32	50	5000	167	80	92	60	130	5006-442

## H Type Tapping Head

### DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
SQT 10-HT16	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1-10 ER16	30	3000	137	75	106	60	100	5006-443
SQT 15/18-HT20	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	1-13 ER20	35	3000	167	80	108	60	130	5006-444

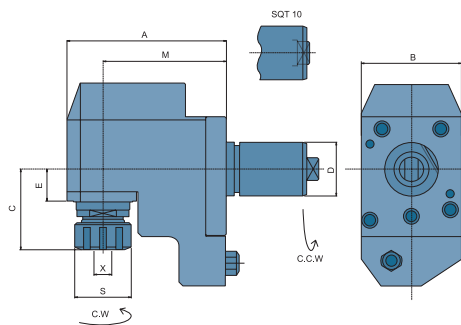


# H Type Back Milling & Drilling Head

MAZAK SUPER QUICK TURN TYPE

FOR 2ND SPINDLE

**NEW**



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
SQT 10-HBMD25	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1-16 ER25	42	5000	119	75	78	24.5	92	5006-450
SQT 15/18-HBMD25	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	1-16 ER25	42	5000	162	80	80	22.5	125	5006-451
SQT 15/18-HBMD32			2-20 ER32	50	5000	162	80	58	22.5	125	5006-452
SQT 15/18-HBMD32-1			2-20 ER32	50	5000	162	80	82.5	22.5	125	5006-453

## H Type Tapping Head

### DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
SQT 10-HBT16	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1-10 ER16	30	3000	119	75	66	24.5	92	5006-454
SQT 15/18-HBT20	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	1-13 ER20	30	3000	162	80	65	22.5	125	5006-455



# H Type Milling & Drilling Head

MAZAK SUPER QUICK TURN TYPE

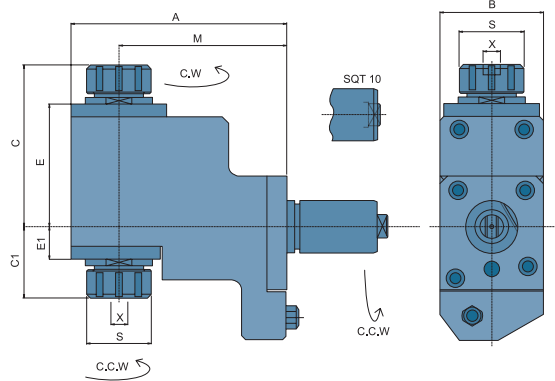
FOR 1ST AND 2ND SPINDLE



VERTEX®

MAZAK SUPER QUICK TURN TYPE

NEW



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	C1	E	E1	M	CODE NO.
SQT 10-HMD2025	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1st-ER25 2nd-ER20	42 35	4000	130	75	103	77.5	37	16	100	5006-456
SQT 15/18-HMD232	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	2-20 ER32	42	4000	167	80	119	50	89	19	130	5006-457

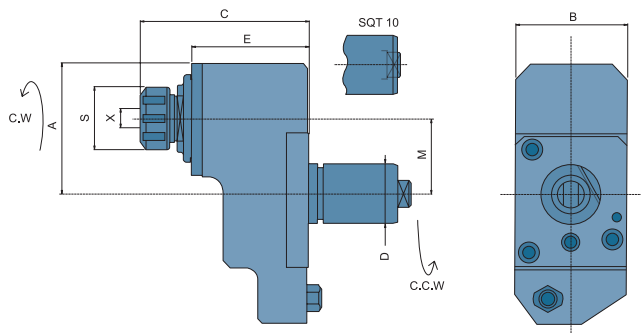


# V Type Milling & Drilling Head

MAZAK SUPER QUICK TURN TYPE

OFFSET

NEW



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

※ 1:2 Speed boost

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
SQT 10-VMD25	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1-16 ER25	42	5000	88	75	113	79	50	5006-460
SQT 15/18-VMD25F	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	1-16 ER25	42	5000	89	80	116	81.5	50	5006-461
SQT 15/18-VMD25F-1			1-16 ER25	42	(1:2) 7000	89	75	116	84	50	※ 5006-462
SQT 15/18-VMD32			2-20 ER32	50	5000	89	80	122	81.5	50	5006-463

# V Type Tapping Head

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
SQT 10-VT16F	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1-10 ER16	30	4000	88	75	118	79	50	5006-464
SQT 15/18-VT20F	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	1-13 ER20	30	4000	89	80	120	81.5	50	5006-465



# V Type Milling & Drilling Head

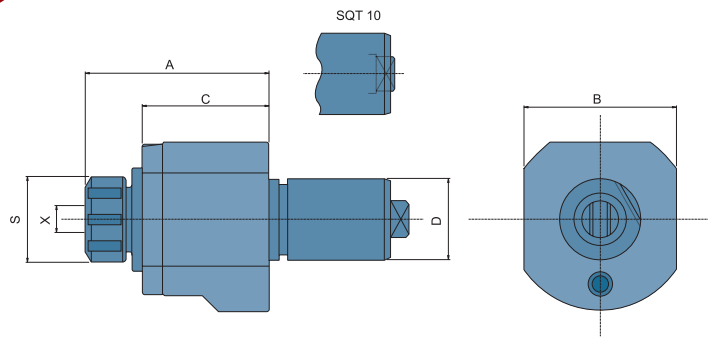
MAZAK SUPER QUICK TURN TYPE



VERTEX®

DA-SERIES

NEW



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	CODE NO.
SQT 10-VMD25DA	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1-16 ER25	42	6000	91	75	59	5006-466
SQT 15/18-VMD32DA	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	2-20 ER32	50	6000	117	80	80	5006-467

## V Type Tapping Head

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	CODE NO.
SQT 10-VT16DA	SQT10M-12D 15M-16D SQT200M-16D 250M-16D	40	1-10 ER16	30	4000	97	75	59	5006-468
SQT 15/18-VT20DA	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	1-13 ER20	35	4000	120	80	80	5006-469

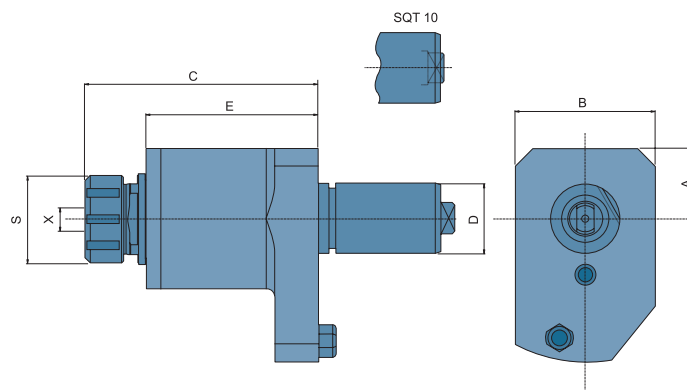


# V Type Milling & Drilling Head

MAZAK SUPER QUICK TURN TYPE

DA-SERIES, LONG

NEW



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	CODE NO.
SQT 15/18-VMD32L	SQT15M-12D 18M-12D SQT200M-12D 250M-12D	40	2-20 ER32	50	6000	40	80	117	82.5	5006-470
						40	80	133.5	98.5	5006-471



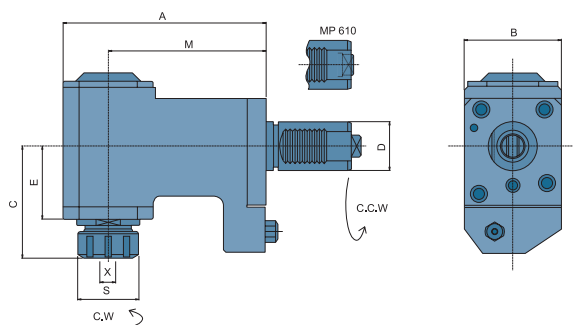
# H Type Milling & Drilling Head

MAZAK MULTIPLEX TYPE



VERTEX®

NEW



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

※ 1:2 Speed boost

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
MP 610-HMD25	MP410N-12D 415N-12D MP610-12D 6200-16D	40	1-16 ER25	42	5000	152	75	90	60	115	5006-475
MP 620-HMD25	MP420N-12D 620N-12D MP620-12D 6200-16D	40	1-16 ER25	42	5000	167	80	90	60	130	5006-476
MP 620-HMD32			2-20 ER32	50	5000	167	80	92	60	130	5006-477
MP 620-HMD32-2			2-20 ER32	50	(1:2) 7000	169	80	101	65.5	130	※ 5006-478

## H Type Tapping Head

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
MP 610-HT16	MP410N-12D 415N-12D MP610-12D 6200-16D	40	1-10 ER16	30	3000	152	75	106	60	115	5006-479
MP 620-HT20	MP420N-12D 620N-12D MP620-12D 6200-16D	40	1-13 ER20	30	3000	167	80	108	60	130	5006-480

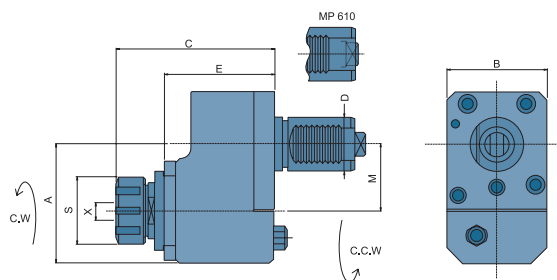


# V Type Milling & Drilling Head

MAZAK MULTIPLEX TYPE

OFFSET

NEW



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
MP 610-VMD25F	MP410N-12D 415N-12D MP610-12D 6200-16D	40	1-16 ER25	42	5000	89	75	118	82.5	50	5006-481
MP 620-VMD16F	MP420N-12D 620N-12D MP620-12D 6200-16D	40	1-16 ER25	42	5000	89	80	116	81.5	50	5006-482
MP 620-VMD32F			2-20 ER32	50	5000	89	80	118	81.5	50	5006-483

## V Type Tapping Head

## DIMENSIONS

ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	M	CODE NO.
MP 610-VT16F	MP410N-12D 415N-12D MP610-12D 6200-16D	40	1-10 ER16	30	4000	89	75	123	82.5	50	5006-484
MP 620-VT20F	MP420N-12D 620N-12D MP620-12D 6200-16D	40	1-13 ER20	35	4000	89	80	126	81.5	50	5006-485





# V Type Milling & Drilling Head

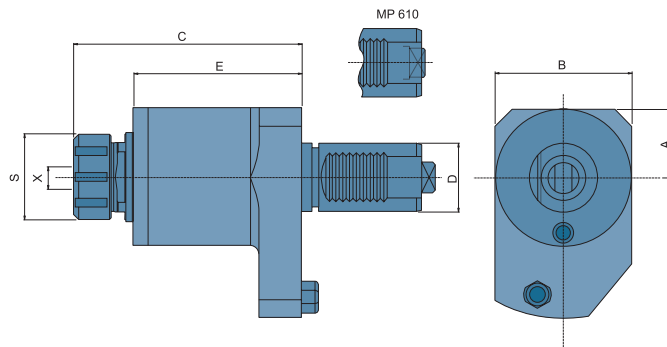
MAZAK MULTIPLEX TYPE



VERTEX®

DA-SERIES

NEW



- External coolant supply
- Collet is not included
- To be used for collet DIN 6499

## DIMENSIONS

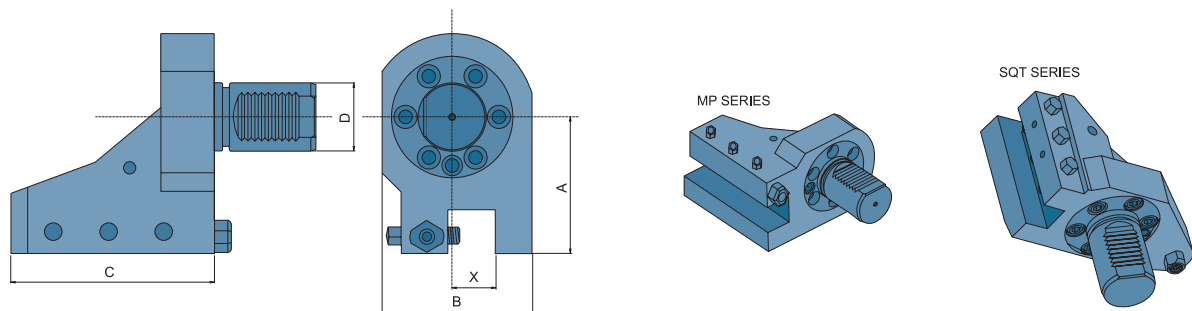
ORDER NO.	Machine Type	D	X Capacity	S	Maximum R.P.M.	A	B	C	E	CODE NO.
MP 610-VMD25DA	MP410N-12D 415N-12D MP610-12D 6200-16D	40	1-16 ER25	42	6000	40	75	105	74	5006-486
MP 620-VMD25DA	MP420N-12D 620N-12D MP620-12D 6200-16D	40	1-16 ER25	42	6000	40	80	105	74	5006-487
MP 620-VMD32DA			2-20 ER32	50	6000	40	80	107	74	5006-488



# Forward Turning Holder - RH

MAZAK SUPER QUICK TURN & MULTIPLEX TYPE

NEW



## DIMENSIONS

ORDER NO.	Machine Type	D		X	A	B	C	CODE NO.
SQT 10M/15AM-FTRH-M	SQT-10M/15AM	40	mm	20	66	76	100	5006-490
SQT 10M/15AM-FTRH-I			inch	0.75"	2.6"	3"	3.937"	5006-491
SQT 15M/18M-FTRH-M	SQT-15M/18M	40	mm	25	78	84	120	5006-492
SQT 15M/18M-FTRH-I			inch	1"	3.071"	3.307"	4.724"	5006-493
MP 610N/615N-FTRH-M	MP-610N/615N	40	mm	20	85	76	100	5006-496
MP 410N/415N-FTRH-I	MP-410N/415N		inch	0.75"	3.347"	3"	3.937"	5006-497
MP 620N/625N-FTRH-M	MP-620N/625N	40	mm	25	83	84	120	5006-498
MP 420N-FTRH-I	MP-420N		inch	1"	3.268"	3.307"	4.724"	5006-499



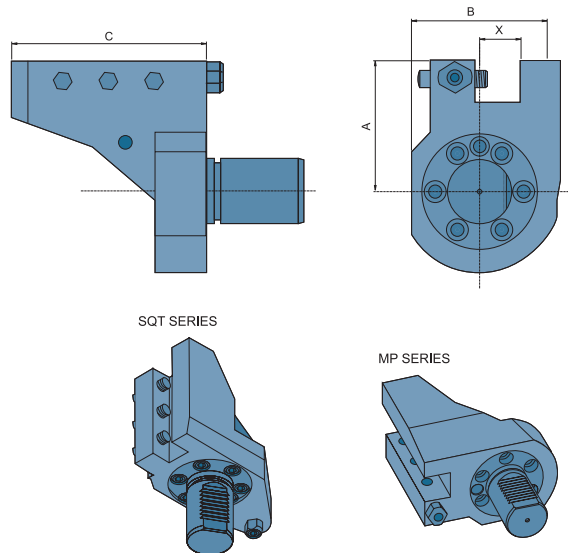
# Reverse Turning Holder - LH

MAZAK SUPER QUICK TURN & MULTIPLEX TYPE



VERTEX®

NEW



## DIMENSIONS

ORDER NO.	Machine Type	D		X	A	B	C	CODE NO.
SQT 10M/15AM-RTLH-M	SQT-10M/15AM	40	mm	20	66	76	100	5006-502
SQT 10M/15AM-RTLH-I			inch	0.75"	2.6"	3"	3.937"	5006-503
SQT 15M/18M-RTLH-M	SQT-15M/18M	40	mm	25	78	84	120	5006-504
SQT 15M/18M-RTLH-I			inch	1"	3.071"	3.307"	4.724"	5006-505
SQT 28M/30M-RTLH-M	SQT-28M/30M	50	mm	25	-			5006-506
SQT 28M/30M-RTLH-I			inch	1"	-			5006-507
MP 610N/615N-RTLH-M	MP-610N/615N	40	mm	20	85	76	100	5006-508
MP 410N/415N-RTLH-I	MP-410N/415N		inch	0.75"	3.347"	3"	3.937"	5006-509
MP 620N/625N-RTLH-M	MP-620N/625N	40	mm	25	83	84	120	5006-510
MP 420N-RTLH-I	MP-420N		inch	1"	3.268"	3.307"	4.724"	5006-511

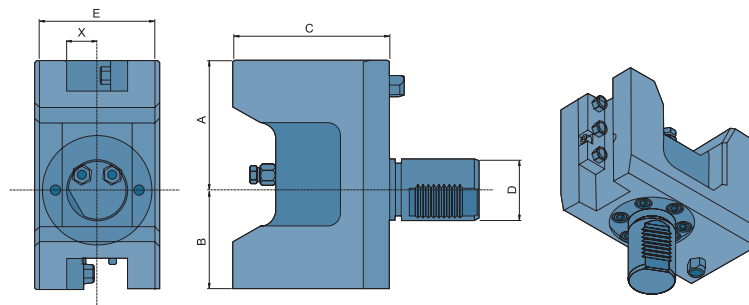
※ ON REQUEST



# Double Turning Holder

MAZAK SUPER QUICK TURN TYPE

NEW



## DIMENSIONS

ORDER NO.	Machine Type	D		X	A	B	C	E	CODE NO.
SQT 10M/15AM-DT-M	SQT-10M/15AM	40	mm	20	85	65	103	76	5006-514
SQT 10M/15AM-DT-I			inch	0.75"	3.347"	2.559"	4.055"	2.992"	5006-515
SQT 15M/18M-DT-M	SQT-15M/18M	40	mm	25	88	78	136	84	5006-516
SQT 15M/18M-DT-I			inch	1"	3.465"	3.071"	5.354"	3.307"	5006-517



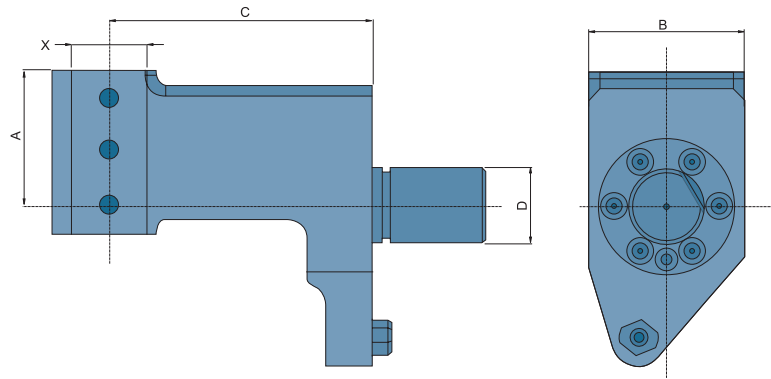
# Boring Bar Holder

## MAZAK SUPER QUICK TURN TYPE



**VERTEX®**

**NEW**



### DIMENSIONS

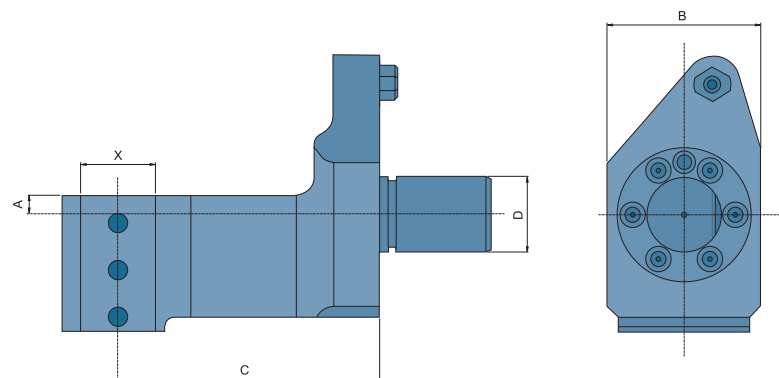
ORDER NO.	Machine Type	D		X	A	B	C	CODE NO.
SQT 10M/15AM-B-M	SQT-10M/15AM	40	mm	32	56	76	110	5006-520
SQT 10M/15AM-B-I			inch	1.25"	2.205"	2.992"	4.331"	5006-521
SQT 15M/18M-B-M	SQT-15M/18M	40	mm	40	71	82	140	5006-522
SQT 15M/18M-B-I			inch	1.5"	2.795"	3.228"	5.512"	5006-523
SQT 28M/30M-B-M	SQT-28M/30M	50	mm	50	65	90	175	5006-524
SQT 28M/30AM-B-I			inch	2"	2.559"	3.543"	6.890"	5006-525



# Boring Bar Holder

## MAZAK MULTIPLEX TYPE

**NEW**



### DIMENSIONS

ORDER NO.	Machine Type	D		X	A	B	C	CODE NO.
MP-610N-B-A	MP-610N	40	mm	25	5	76	120	5006-526
MP-610N-B-B			inch	1"	0.197"	2.997"	4.724"	5006-527
MP-610N-B-C			mm	32	10	76	120	5006-528
MP-610N-B-D			inch	1.25"	0.394"	2.997"	4.724"	5006-529
MP-615N-B-A	MP-615N	40	mm	25	10	76	130	5006-530
MP-615N-B-B			inch	1"	0.394"	2.997"	5.118"	5006-531
MP-615N-B-C			mm	32	10	76	130	5006-532
MP-615N-B-D			inch	1.25"	0.394"	2.997"	5.118"	5006-533
MP-620N-B-A	MP-620N	40	mm	25	5	82	140	5006-534
MP-620N-B-B			inch	1"	0.197"	3.228"	5.512"	5006-535
MP-620N-B-C			mm	40	10	82	140	5006-536
MP-620N-B-D			inch	1.5"	0.394"	3.228"	5.512"	5006-537



# Double Boring Bar Holder

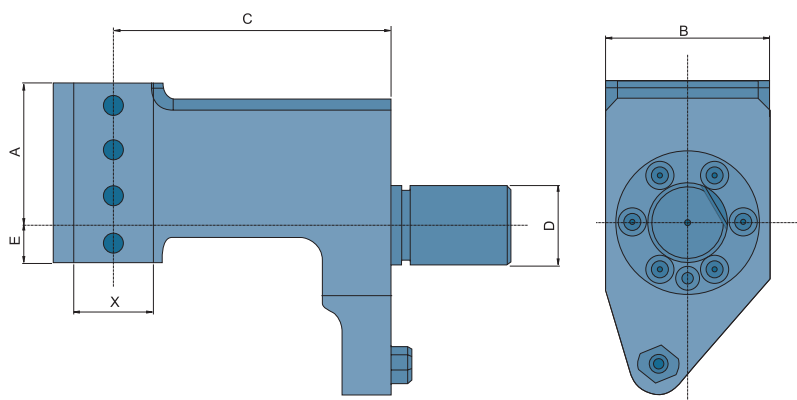
MAZAK SUPER QUICK TURN TYPE



**VERTEX**<sup>®</sup>



**NEW**



## DIMENSIONS

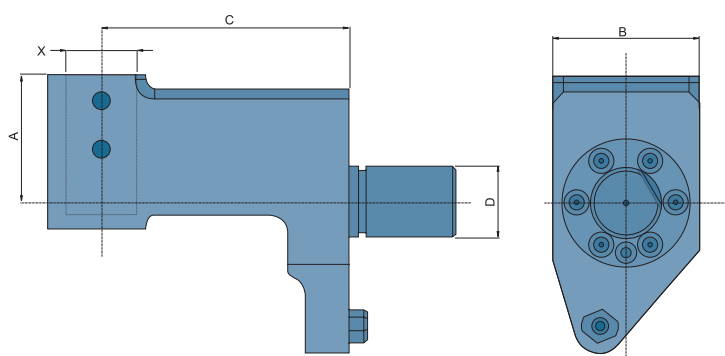
ORDER NO.	Machine Type	D		X	A	B	C	E	CODE NO.
SQT 10M/15AM-DB-M	SQT-10M/15AM	40	mm	20	60	76	110	10	5006-540
SQT 10M/15AM-DB-I			inch	0.75"	2.362"	3"	4.331"	0.394"	5006-541
SQT 15M/18M-DB-M	SQT-15M/18M	40	mm	25	85	84	140	15	5006-542
SQT 15M/18M-DB-I			inch	1"	3.346"	3.307"	5.512"	0.591"	5006-543
SQT 28M/30M-DB-M	SQT-28M/30M	50	mm	32	75	90	180	35	5006-544
SQT 28M/30M-DB-I			inch	1.25"	2.953"	3.543"	7.087"	1.378"	5006-545



# U Drill Holder

MAZAK SUPER QUICK TURN TYPE

**NEW**



● External, internal coolant supply

## DIMENSIONS

ORDER NO.	Machine Type	D		X	A	B	C	CODE NO.
SQT 10M/15AM-UD-M	SQT-10M/15AM	40	mm	32	48	76	110	5006-550
SQT 10M/15AM-UD-I			inch	-	1.890"	2.992"	4.331"	5006-551
SQT 15M/18M-UD-M	SQT-15M/18M	40	mm	40	63	82	140	5006-552
SQT 15M/18M-UD-I			inch	-	2.480"	3.228"	5.512"	5006-553



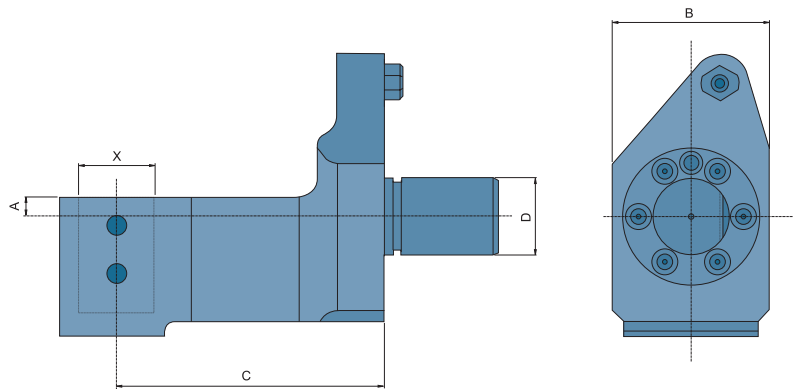
# U Drill Holder

MAZAK MULTIPLEX TYPE



VERTEX®

NEW



● External, internal coolant supply

## DIMENSIONS

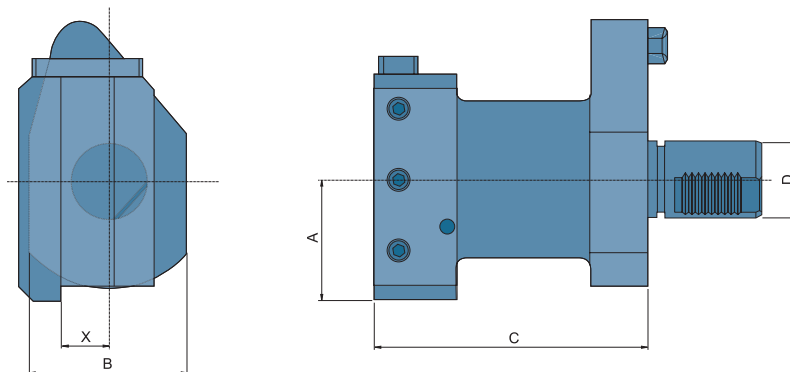
ORDER NO.	Machine Type	D		X	A	B	C	CODE NO.
MP-610-UD-M	MP-610	40	mm	25	10	76	120	5006-560
MP-610-UD-I			inch	-	0.394"	2.992"	4.724"	5006-561
MP-620-UD-M	MP-620	40	mm	40	10	82	140	5006-562
MP-620-UD-I			inch	-	0.394"	3.228"	5.512"	5006-563



# Facing Holder - RH

MAZAK SUPER QUICK TURN & MULTIPLEX TYPE

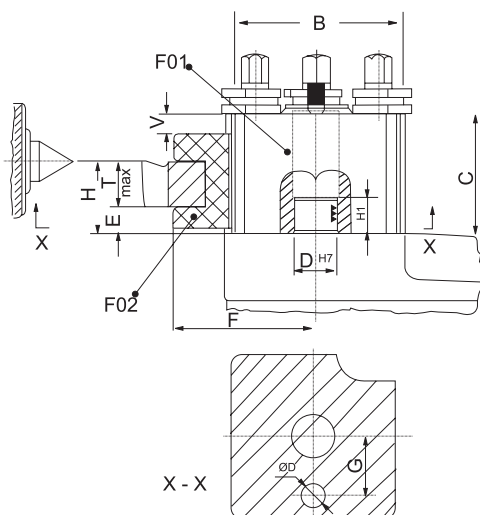
NEW



## DIMENSIONS

ORDER NO.	Machine Type	D		X	A	B	C	CODE NO.
SQT 10M/15AM-FRH-M	SQT-10M/15AM	40	mm	20	65	76	110	5006-570
SQT 10M/15AM-FRH-I			inch	0.75"	2.559"	2.992"	4.331"	5006-571
SQT 15M/18M-FRH-M	SQT-15M/18M	40	mm	25	60	82	143	5006-572
SQT 15M/18M-FRH-I			inch	1"	2.362"	3.228"	5.630"	5006-573
SQT 28M/30M-FRH-M	SQT-28M/30M	50	mm	25	57	90	163	5006-574
SQT 28M/30M-FRH-I			inch	1"	2.244"	3.543"	6.417"	5006-575
MP 610N/615N-FRH-M	MP-610N/615N	40	mm	20	65	76	110	5006-576
MP 410N/415N-FRH-I	MP-410N/415N		inch	0.75"	2.559"	2.992"	4.331"	5006-577
MP 620N/625N-FRH-M	MP-620N/625N	40	mm	25	55	82	143	5006-578
MP 420N-FRH-I	MP-420N		inch	1"	2.165"	3.228"	5.630"	5006-579




**NEW**


## Italian Style

The main block is assembled with cast-hardened steel, secured rigidly by the latch carriage machine steel bolt. The main block has 4 slide openings for inserting the proper tool-holder; these can be securely fastened by a simple and safe eccentric device, which also adjusts the height for each tool holder. The tool shank is securely held by 4 hardened screws. The simplicity and fast tool changing increase the production of lathe turning. No chatter or vibrations. This style is interchangeable with Rapidue and STM.

## Complete set includes:

- 1 pieces Tool post
- 3 pieces of turning holders
- 1 piece of Round shanks
- Standard spanners

## MAIN BODY DIMENSIONS

ORDER NO.	Lathe swing	B	D <sup>H7</sup>	H		C	E	T <sub>max</sub>	F	Ø <sub>max</sub>	Morse NO.	ØD	G	H1	
				Min	Max										
VTP-M	180-250	57.7	18	24	34	45	8	16	56	14	1	7	27	18	70
VTP-AR-AP	250-300	64.5	18	25	41	56	9	16	63	16	1	8	30	16	80
VTP-A	250-350	82.0	24	32	42	60	12	20	75	18	2	10	35	20	100
VTP-BR-BP	300-380	91.6	28	38	53	75	13	25	90	20	3	10	40	20	115
VTP-B	350-500	100.0	30	47	65	85	15	32	100	24	3	12	48.2	25	127
VTP-C	500-650	115.3	38	51	72	94	19	32	108	26	4	14	58.2	26	145

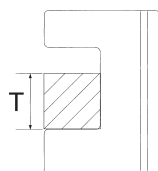
## SET TYPE

ORDER NO.	5-PIECE SETS EACH SET INCLUDES	G.W. kgs	CODE NO.
VTP-M	1 x F01-M, 3 x F02-M AND 1 x F03-M	3.1	5006-890
VTP-AR-AP	1 x F01-AR-AP, 3 x F02-AR-AP AND 1 x F03-AR-AP	4.5	5006-891
VTP-A	1 x F01-A, 3 x F02-A AND 1 x F03-A	9.3	5006-892
VTP-BR-BP	1 x F01-BR-BP, 3 x F02-BR-BP AND 1 x F03-BR-BP	13.2	5006-893
VTP-B	1 x F01-B, 3 x F02-B AND 1 x F03-B	17.5	5006-894
VTP-C	1 x F01-C, 3 x F02-C AND 1 x F03-C	23.0	5006-895



## Tool Post

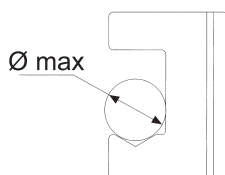
ORDER NO.	Centre Height (mm)	Lathe Swing (mm)	CODE NO.
VTP-F01-M	120	240	5006-900
VTP-F01-AR-AP	140	280	5006-901
VTP-F01-A	170	340	5006-902
VTP-F01-BR-BP	200	400	5006-903
VTP-F01-B	230	460	5006-904
VTP-F01-C	280	560	5006-905



● Turning Holders

## Turning Holder

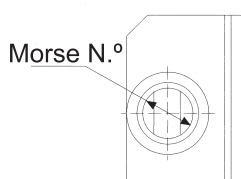
ORDER NO.	Centre Height (mm)	Max. Square & Rectangular Tool (mm)	CODE NO.
VTP-F02-M	120	16	5006-906
VTP-F02-AR-AP	140	16	5006-907
VTP-F02-A	170	20	5006-908
VTP-F02-BR-BP	200	25	5006-909
VTP-F02-B	230	32	5006-910
VTP-F02-C	280	32	5006-911



● Round Shanks

## Round Shanks

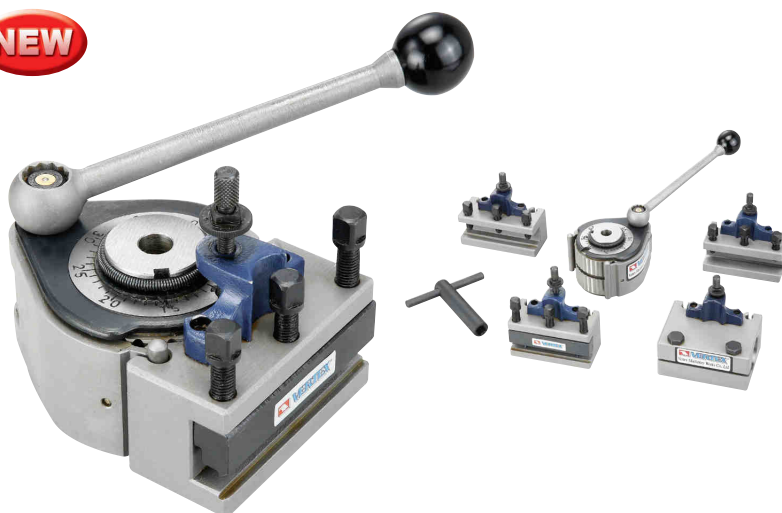
ORDER NO.	Centre Height (mm)	Max. Holding Dia (mm)	CODE NO.
VTP-F03-M	120	14	5006-912
VTP-F03-AR-AP	140	16	5006-913
VTP-F03-A	170	18	5006-914
VTP-F03-BR-BP	200	20	5006-915
VTP-F03-B	230	24	5006-916
VTP-F03-C	280	26	5006-917



● Morse Holder

## Morse Holder

ORDER NO.	Centre Height (mm)	Morse Taper Hole	CODE NO.
VTP-F04-M	120	MT No. 1	5006-918
VTP-F04-AR-AP	140	MT No. 2	5006-919
VTP-F04-A	170	MT No. 2	5006-920
VTP-F04-BR-BP	200	MT No. 3	5006-921
VTP-F04-B	230	MT No. 3	5006-922
VTP-F04-C	280	MT No. 4	5006-923


**NEW**


## European Style

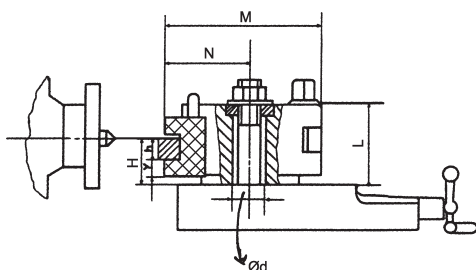
Tool post and tool holders are precisely grounded with 40 tool-bit positions. Easy to operate and can be fitted with many different tool-holders. Locking and loosening of any tool-holders are performed by a simple eccentric clamping. The simplicity and fast tool changing increases the lathe turning production. A height adjustment for tool bits is controlled by a knurled head-screw, without the need for packing plates or shims. This style is interchangeable with Hasse.

### Complete set includes:

- 1 Pieces Tool post
- 3 pieces Turning & Facing Holder-"D"
- 1 piece Boring Bar Holder-"B"

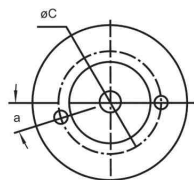
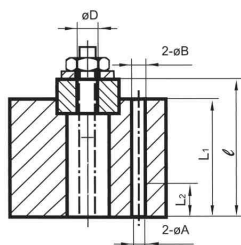
ORDER NO.	5-PIECE SETS EACH SET INCLUDES (5 pcs/set)	G.W. kgs	CODE NO.
VTP-V-A0	1 x tool post F40-0(A0), 2 x F40-010(A0D12x50) and 1 x F40-020(A0B12x50) and 1 x F40-040(A0A2.7x10x50)	1.5	5006-955A
VTP-V-A1	1 x tool post F40-1(A1), 2 x F40-111(A1D16x75) and 1 x F40-140(A1A2.7x10x75) and 1 x F40-121(A1B16x80)	4.0	5006-956A
VTP-V-E5	1 x tool post F40-2(B5), 2 x F40-211(E5D20x100) and 1 x F40-220(E5B30x100) and 1 x F40-240(E5A2.7x10x100)	8.0	5006-957A
VTP-B2	1 x tool post F40-3(B2), 3 x F40-311(B2D25x120) and 1 x F40-320(B2B32x130)	12.3	5006-958
VTP-C3	1 x tool post F40-4(C3), 3 x F40-411(C3D32x150) and 1 x F40-422(C3B40x160)	24.3	5006-959

## Set Style For Lathe



ORDER NO.	VTP-F40-0	VTP-F40-1	VTP-F40-2	VTP-F40-3	VTP-F40-4
PARAMETER	D12	D16 D20	D20 D25	D25 D32	D32 D40 D45
Driving Power (kw)	1.2	2	4.5	7	13
Lathe Swing (mm)	120-220	150-300	200-400	300-500	400-700
H min (mm)	18.5	25.5 29.5	32 37	38 46	47.5 55.5 61
H max (mm)	26.5	36.5 40.5	49 52	58 57	87.5 91.5 91
y (mm)	6.5	9.5	12	13 14	15.5 15.5 16
h (mm)	12	16 20	20 25	25 32	32 40 45
M (mm)	6.8	104	132	150	192 201 202
L (mm)	37	55	68	76	107
N (mm)	34	52	66	73	93 102 103
ød (mm)	13	20	20	32	40

## 40 Position Tool Post Body



ORDER NO.	ØD	L2	L1	ℓ	ØA	ØB	ØC	α
VTP-F40-0	6	-	30	37	-	-	-	-
VTP-F40-1	10	12	45	55.3	5.6	6.8	42	18°
VTP-F40-2	10	14	57	67.3	5.6	6.8	49	15°
VTP-F40-3	14	20	65	75	6.9	9	64	30°
VTP-F40-4	24.5	10	95	107	9.5	11	88	18°

## 40 Position Tool Post

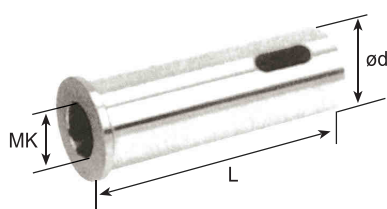
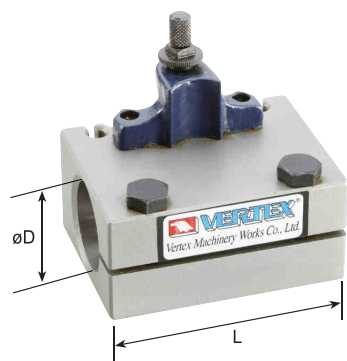
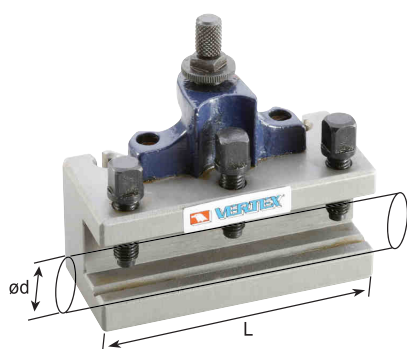
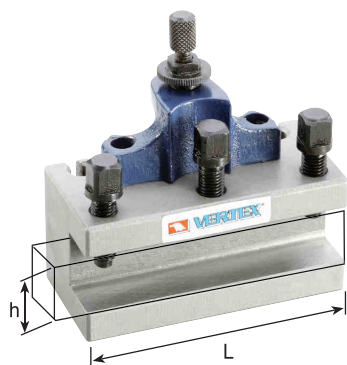


ORDER NO.	Lathe swing (mm)	For Style NO.	Height of cutting edge range (mm)	CODE NO.
VTP-F40-0	120-220	VTP-A0	D12/18.5~26.5	5006-930
VTP-F40-1	150-300	VTP-A1	D16/25.5~36.5 or D20/29.5~40.5	5006-931
VTP-F40-2	200-400	VTP-E5	D20/32~49 or D25/37~52	5006-932
VTP-F40-3	300-500	VTP-B2	D25/38~58 or D32/46~57	5006-933
VTP-F40-4	400-700	VTP-C3	D32/47.5~87.5 or D40/55.5~91.5 or D45/61~91	5006-934





## INDIVIDUALLY PIECE EUROPEAN STYLE

**NEW**


### Turning & Facing Holder-"D"

ORDER NO.	Series NO.	Max. Height (mm)	Max. Length (mm)	CODE NO.
VTP-F40-010	A0D	12	50	5006-935
VTP-F40-111	A1D	16	75	5006-936
VTP-F40-112	A1D	16	80	5006-937
VTP-F40-113	A1D	16	90	5006-938
VTP-F40-114	A1D	20	75	5006-939
VTP-F40-110	A1D	20	80	5006-940
VTP-F40-115	A1D	20	90	5006-941
VTP-F40-211	E5D	20	100	5006-942
VTP-F40-212	E5D	25	100	5006-943
VTP-F40-311	B2D	25	120	5006-944
VTP-F40-312	B2D	25	140	5006-945
VTP-F40-313	B2D	32	120	5006-946
VTP-F40-314	B2D	32	140	5006-947
VTP-F40-411	C3D	32	150	5006-948
VTP-F40-412	C3D	32	170	5006-949
VTP-F40-413	C3D	40	150	5006-950
VTP-F40-414	C3D	40	170	5006-951
VTP-F40-415	C3D	45	170	5006-952

### Boring Bar Holder-"B"

ORDER NO.	Series NO.	Max. Dia (mm)	Length (mm)	CODE NO.
VTP-F40-020	A0B	12	50	5006-960
VTP-F40-121	A1B	16	80	5006-961
VTP-F40-120	A1B	18	80	5006-962
VTP-F40-122	A1B	20	90	5006-963
VTP-F40-220	E5B	30	100	5006-964
VTP-F40-320	B2B	32	130	5006-965
VTP-F40-421	C3B	32	160	5006-966
VTP-F40-422	C3B	40	160	5006-967

### Drilling & Boring Bar Holder-"S"

ORDER NO.	Series NO.	Max. Dia (mm)	Length (mm)	CODE NO.
VTP-F40-030	A0S	15	50	5006-968
VTP-F40-130	A1S	30	80	5006-969
VTP-F40-131	A1S	20	90	5006-970
VTP-F40-231	E5S	30	100	5006-971
VTP-F40-232	E5S	40	100	5006-972
VTP-F40-330	B2S	40	120	5006-973
VTP-F40-431	C3S	40	150	5006-974
VTP-F40-432	C3S	50	150	5006-975

### Cut-Off Tool Holder-"A"

ORDER NO.	Series NO.	Blade- TxW	Length (mm)	CODE NO.
VTP-F40-040	A0A	2.7 x 10	50	5006-976
VTP-F40-140	A1A	2.7 x 10	75	5006-977
VTP-F40-240	E5A	2.7 x 10	100	5006-978
VTP-F40-340	B2A	4 x 16	120	5006-979
VTP-F40-440	C3A	5 x 18.5	150	5006-980

### Morse Taper Bushing-"L"

ORDER NO.	Series NO.	Diameter (mm)	Length (mm)	Morse Taper (mm)	CODE NO.
VTP-F40-151	A1L	30	80	NO.1	5006-981
VTP-F40-152	A1L	30	90	NO.2	5006-982
VTP-F40-251	E5L	30	96	NO.2	5006-983
VTP-F40-252	E5L	40	114	NO.3	5006-984
VTP-F40-350	E5L	40	120	NO.2	5006-985
VTP-F40-351	E5L	40	120	NO.3	5006-986
VTP-F40-451	C3L	40	140	NO.3	5006-987
VTP-F40-452	C3L	40	150	NO.4	5006-988
VTP-F40-453	C3L	50	150	NO.4	5006-989