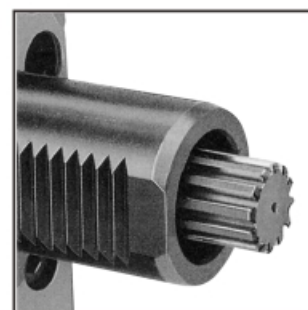
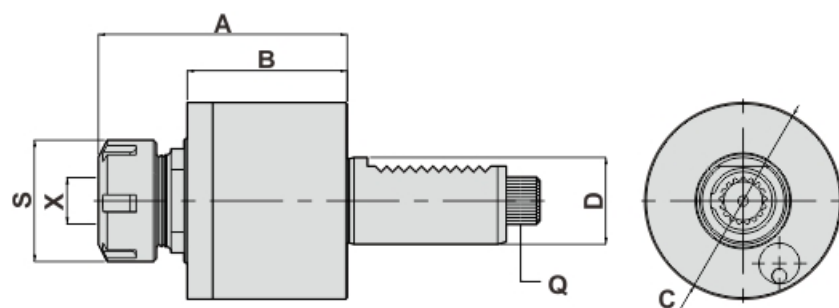


AXIAL DRILLING AND MILLING HEADS

軸向鑽銑刀座 (0°)



▲ Coupling to DIN 5482

Power transmission according to DIN 5482

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

DIMENSIONS

D DIN 69880	X Capacity		S	Maximum R.P.M	i	A	B	C	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1-16	ER25	42	6000	1:1	101	70	68	B15x12	130301-000	DA30548225	2.2
40	1-16	ER25	42	6000	1:1	108.5	73.5	86	B17x14	140327-000	DA40548225	3.7
40	2-20	ER32	50	6000	1:1	110	73.5	86	B17x14	140301-000	DA40548232	3.8
50	3-26	ER40	63	6000	1:1	120	81.5	96	B20x17	150301-000	DA50548240	5.5
60	10-34	ER50	78	6000	1:1	140	88.5	116	B25x22	160301-000	DA60548250	8.9

AXIAL TAPPING HEADS

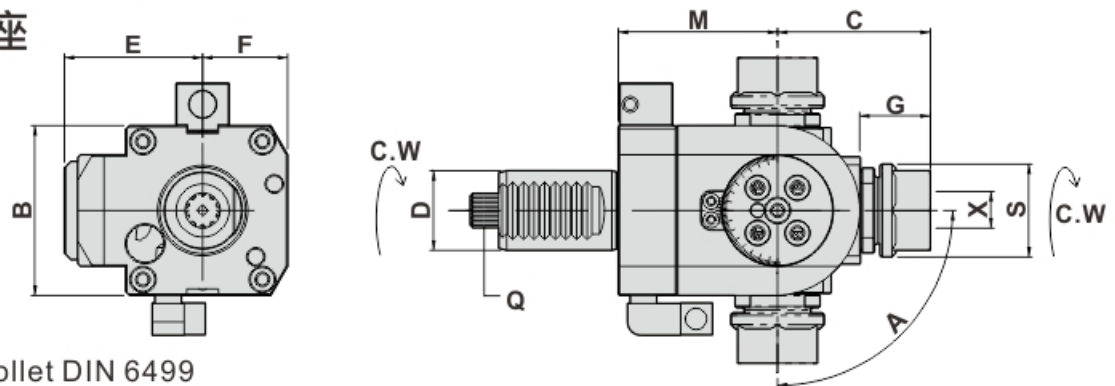
軸向彈性攻牙刀座 (0°)

DIMENSIONS

D DIN 69880	X Capacity		S	Maximum R.P.M	i	A	B	C	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1~10	ER16	30	3000	1:1	108	71.5	68	B15x12	130316-000	TDA30548216	2.2
40	1~13	ER20	35	3000	1:1	95.5	55	86	B17x14	140322-000	TDAC40548220	3
50	1~16	ER25	42	3000	1:1	123	81.5	96	B20x17	150316-000	TDA50548225	5.5
60	2~20	ER32	50	3000	1:1	158.5	88.5	116	B25x22	160316-000	TDA60548232	8.9

ANGULAR HEADS

萬向鑽銑刀座



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

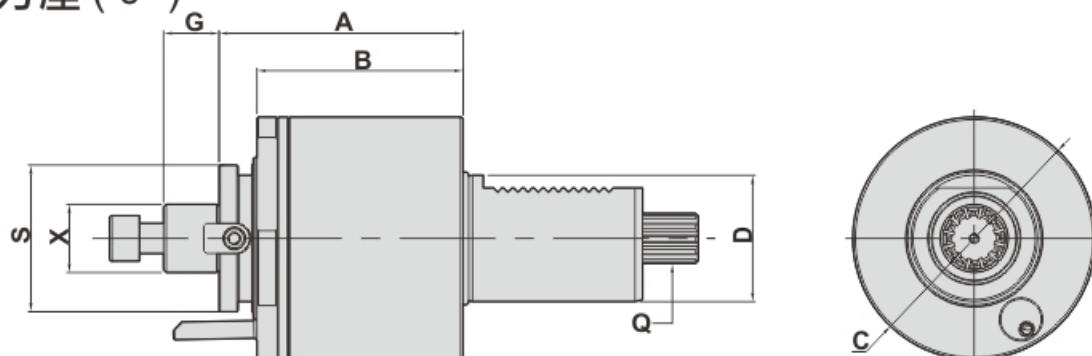
DIMENSIONS

Other shank dimensions under development

D DIN 69880	X Capacity	Maximum R.P.M	S	A	B	C	E	F	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1~13 ER20	4000	35	±90°	64	59	54	32	27	67	B15x12	130315-000	DA30548220B	2.9
40	1~16 ER25	4000	42	±90°	76	65	65	38	29	70	B17x14	140315-000	DA40548225B	5.1
50	1~16 ER25	4000	42	±90°	90	80	85	45	32	85	B20x17	150315-000	DA50548225B	9.1

AXIAL SHELL END MILLING CUTTERS

軸向銑削刀座 (0°)



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

DIMENSIONS

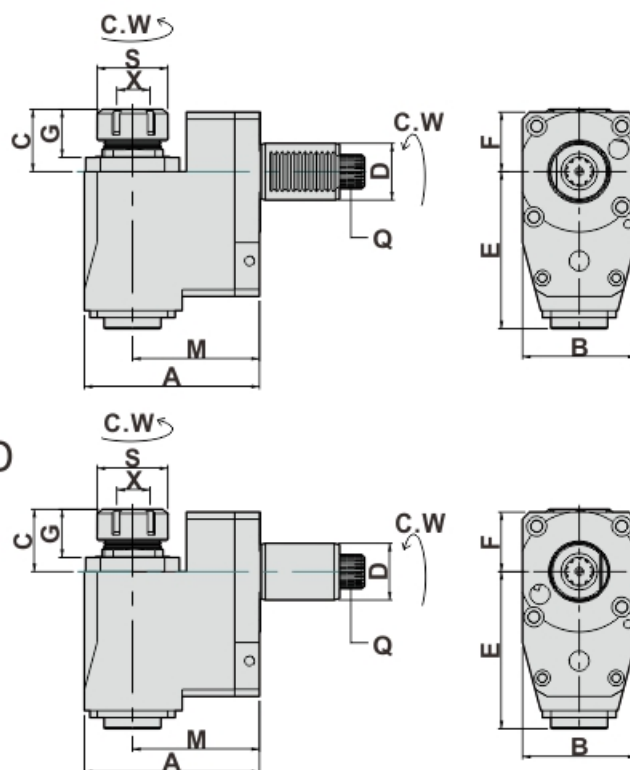
D DIN 69880	X Capacity	Maximum R.P.M	S	A	B	C	G	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	16	3000	32	85.5	71.5	68	17	B15x12	130306-000	DA30548216C	1.3
40	16	3000	32	69	55	86	17	B17x14	140305-000	DA40548216C	3
40	22	3000	48	69	55	86	18	B17x14	140306-000	DA40548222C	3.1
50	22	3000	48	94	81.5	96	18	B20x17	150305-000	DA50548222C	5.5
50	27	3000	60	97.5	88.5	96	20	B20x17	150306-000	DA50548227C	5.7

RADIAL DRILLING AND MILLING HEADS OFFSET

徑向鑽銑刀座-後縮型 (90°)

MODE : BL
LEFT-HAND

MODE : BR
RIGHT-HAND



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

DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	E	F	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1-16 ER25	42	5000	1:1	95	60	42	75.5	31.5	28.5	72	B15x12	230301-000	BR3054822572	3.5
													230321-000	BL3054822572	
40	2-20 ER32	50	5000	1:1	124	80	44	110	42	34	90	B17x14	240301-000	BR4054823290	8.2
													240321-000	BL4054823290	
50	3-26 ER40	63	5000	1:1	129	86	49	112	45	39	90	B20x17	250301-000	BR5054824090	10
													250321-000	BL5054824090	
60	10-34 ER50	78	5000	1:1	147	104	83	118	54	42	106	B25x22	260301-000	BR60548250106	16.4
													260321-000	BL60548250106	

RADIAL TAPPING HEADS

徑向彈性攻牙刀座-後縮型 (90°)

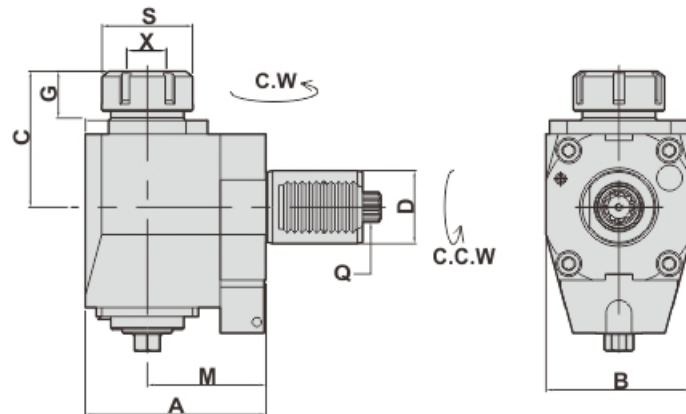
DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	E	F	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1-10 ER16	30	3000	1:1	95	60	44	75.5	31.5	32	72	B15x12	230305-000	TBR3054821672	3.5
													230325-000	TBL3054821672	
40	1-13 ER20	35	3000	1:1	124	80	50	110	42	34	90	B17x14	240305-000	TBR4054822090	8.4
													240325-000	TBL4054822090	
50	1-16 ER25	42	3000	1:1	129	86	54	112	45	36	90	B20x17	250305-000	TBR5054822590	10.2
													250325-000	TBL5054822590	
60	2-20 ER32	50	3000	1:1	147	104	87	118	54	40	106	B25x22	260305-000	TBR60548232106	16.6
													260325-000	TBL60548232106	

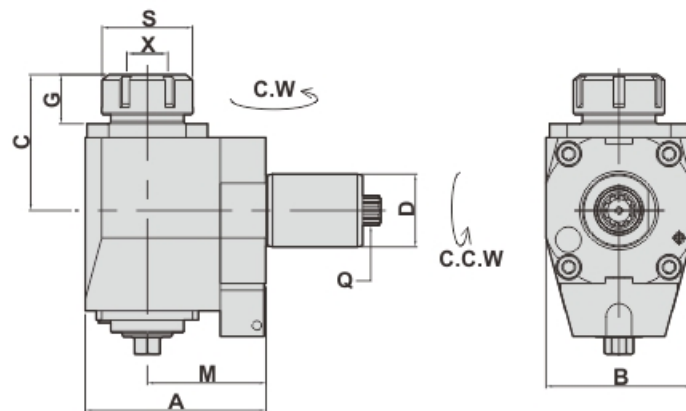
RADIAL DRILLING AND MILLING HEADS

徑向鑽銑刀座 (90°)

MODE : FL
LEFT-HAND



MODE : FR
RIGHT-HAND



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

DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1-16 ER25	42	5000	1:1	97	64	74.5	26	65	B15x12	230341-000	FR3054822565	4
											230361-000	FL3054822565	
30	1-16 ER25	42	5000	1:1	117	64	74.5	26	85	B15x12	230348-000	FR3054822585	4.7
											230368-000	FL3054822585	
40	2-20 ER32	50	5000	1:1	99	80	80	29	65	B17x14	240341-000	FR4054823265	5.9
											240361-000	FL4054823265	
40	2-20 ER32	50	5000	1:1	119	80	80	29	85	B17x14	240348-000	FR4054823285	6.9
											240368-000	FL4054823285	

RADIAL TAPPING HEADS

徑向彈性攻牙刀座 (90°)

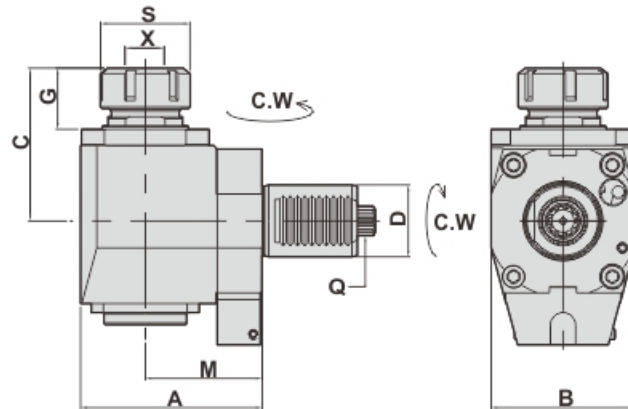
DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1-10 ER16	30	3000	1:1	97	64	75	30	65	B15x12	230345-000	TFR3054821665	4.1
											230365-000	TFL3054821665	
30	1-10 ER16	30	3000	1:1	117	64	75	30	85	B15x12	230350-000	TFR3054821685	4.8
											230370-000	TFL3054821685	
40	1-13 ER20	35	3000	1:1	99	80	93.5	25	65	B17x14	240345-000	TFR4054822065	6
											240365-000	TFL4054822065	
40	1-13 ER20	35	3000	1:1	119	80	93.5	25	85	B17x14	240350-000	TFR4054822085	7
											240370-000	TFL4054822085	

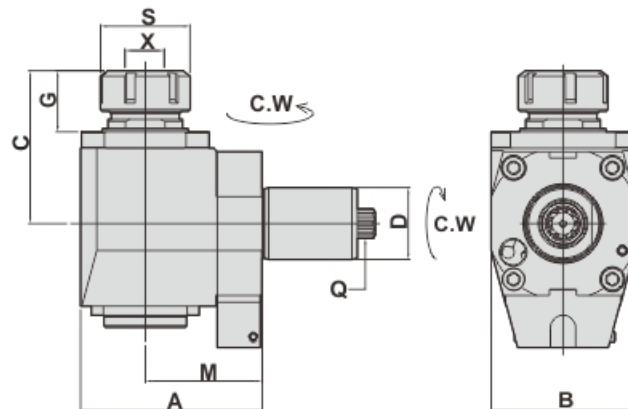
RADIAL DRILLING AND MILLING HEADS

徑向鑽銑刀座 (90°)

MODE : FL
LEFT-HAND



MODE : FR
RIGHT-HAND



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

DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
40	2-20 ER32	50	5000	1:1	99	80	85	34	65	B17x14	240381-000	NFR4054823265	6
											2403101000	NFL4054823265	
40	2-20 ER32	50	5000	1:1	119	80	85	34	85	B17x14	240388-000	NFR4054823285	7
											2403108000	NFL4054823285	
50	3-26 ER40	63	5000	1:1	115	88	103	40	75	B20x17	250388-000	NFR5054824075	9.8
											2503108000	NFL5054824075	
60	10-34 ER50	78	5000	1:1	156	104	139	56.5	106	B25x22	260381-000	NFR60548250106	18
											2603101000	NFL60548250106	

RADIAL TAPPING HEADS

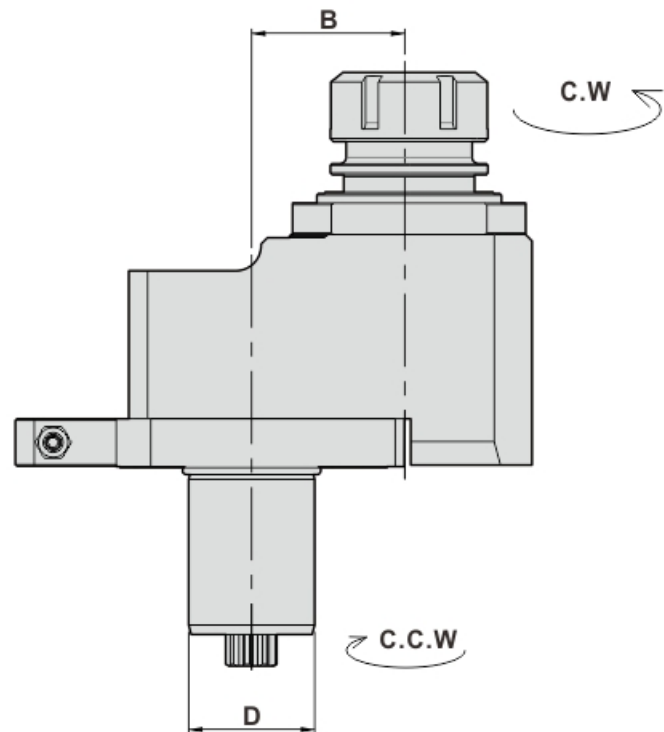
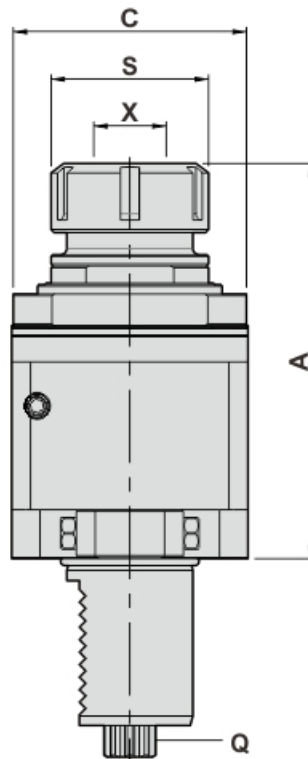
徑向彈性攻牙刀座 (90°)

DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
40	1-13 ER20	35	3000	1:1	99	80	105	25	65	B17x14	240385-000	NTFR4054822065	6.1
											2403105000	NTFL4054822065	
40	1-13 ER20	35	3000	1:1	119	80	105	25	85	B17x14	240390-000	NTFR4054822085	7.1
											2403110000	NTFL4054822085	
50	1-16 ER25	42	3000	1:1	115	88	103	42	75	B20x17	250385-000	NTFR5054822575	10
											2503105000	NTFL5054822575	

AXIAL DRILLING AND MILLING HEADS OFFSET

軸向偏心鑽銑刀座 (0°)



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

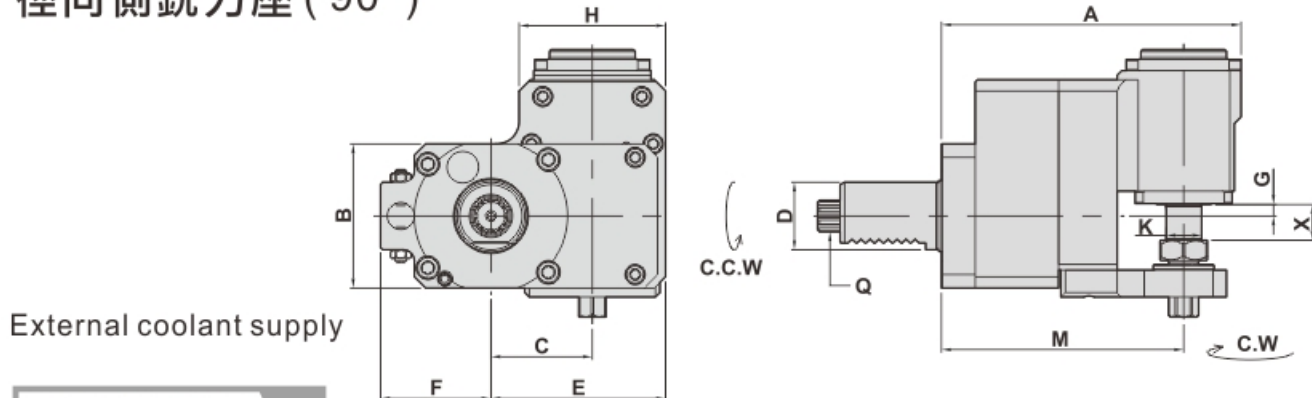
DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1-16 ER25	42	4000	1:1	100	29	60	B15x12	130308-000	DA3054822529	2.8
*30	1-16 ER25	42	8000	1:2	100	29	60	B15x12	130311-000	DA3054822529/1	2.8
30	1-16 ER25	42	4000	1:1	121	50	75	B15x12	130309-000	DA3054822550	6
40	2-20 ER32	50	4000	1:1	125	50	75	B17x14	140308-000	DA4054823250	5
50	3-26 ER40	63	3000	1:1	124	65	86	B20x17	150309-000	DA5054824065	9
60	10-34 ER50	78	3000	1:1	168	65	104	B25x22	160308-000	DA6054825065	17.4
60	10-34 ER50	78	3000	1:1	173.5	80	104	B25x22	160309-000	DA6054825080	18

*2倍增速

RADIAL MILLING HEADS - DISK CUTTER UNITS

徑向側銑刀座 (90°)



External coolant supply

DIMENSIONS

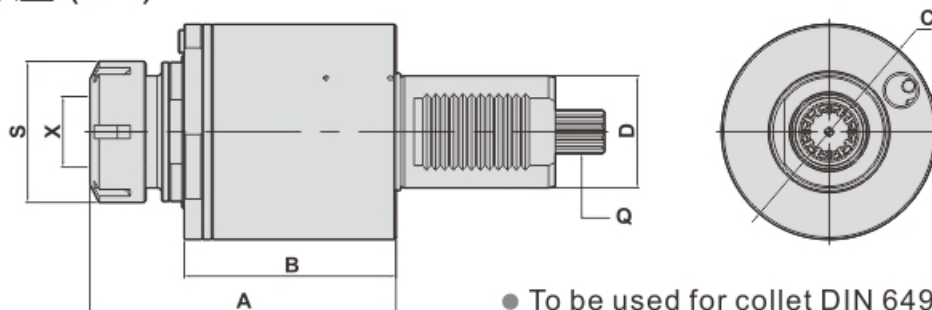
D DIN 69880	X Capacity	Maximum R.P.M	i	A	B	C	E	F	G	H	K	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	16	3000	3:1	133	64	45	77.5	49	5	65	16	108	B15x12	230307-000	BR30548216C/3	5.8
														230327-000	BL30548216C/3	
30	16	3000	3:1	133	64	45	77.5	49	5	65	25.4	108	B15x12	230309-000	BR30548225.4C/3	6.1
														230329-000	BL30548225.4C/3	
40	16	3000	3:1	136	70	45	77.5	75	5	65	16	111	B17x14	240307-000	BR40548216C/3	6.4
														240327-000	BL40548216C/3	
40	16	3000	3:1	136	70	45	77.5	75	5	65	25.4	111	B17x14	240309-000	BR40548225.4C/3	6.7
														240329-000	BL40548225.4C/3	

* i = 3倍減速

Other shank dimensions under development

AXIAL MILLING AND DRILLING HEADS

軸向鑽銑刀座 (0°)



- To be used for collet DIN 6499
- Internal coolant supply: 15bar 中心出水
- External coolant supply
- Collet is not included

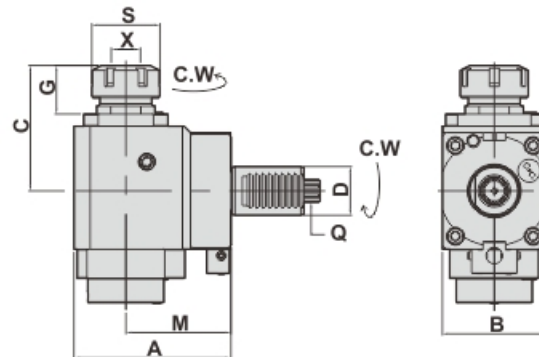
DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1-16 ER25	42	6000	1:1	101.5	72.5	68	B15x12	130307-000	CWDA30548225	2.3
50	3-26 ER40	63	6000	1:1	136.5	94.5	96	B20x17	150307-000	CWDA50548240	6.4
60	10-34 ER50	78	6000	1:1	143.8	89.8	116	B25x22	160307-000	CWDA60548250	9

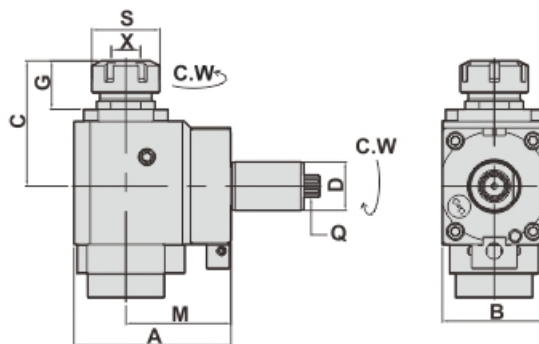
RADIAL MILLING AND DRILLING HEADS FORWARD

徑向鑽銑刀座 (90°)

MODE : FL
LEFT-HAND



MODE : FR
RIGHT-HAND



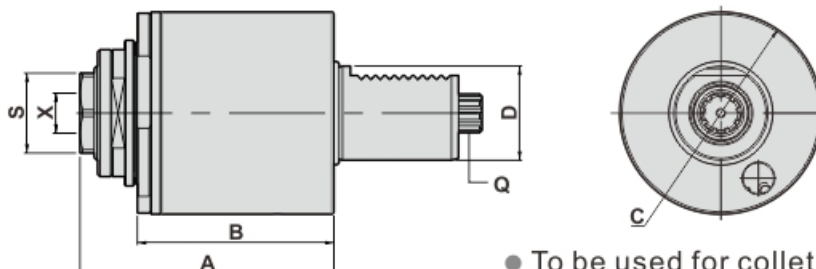
- To be used for collet DIN 6499
- Internal coolant supply: 50bar 中心出水
- External coolant supply
- Collet is not included

DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
30	1-16 ER25	42	5000	1:1	97	64	77.5	30	65	B15x12	230386-000	CWNFR3054822565	4.3
											2303106000	CWNFL3054822565	
30	1-16 ER25	42	5000	1:1	117	64	78.5	30	85	B15x12	230394-000	CWNFR3054822585	5
											2303107000	CWNFL3054822585	
40	2-20 ER32	50	5000	1:1	103	76	89	36	65	B17x14	240386-000	CWNFR4054823265	6.1
											2403106000	CWNFL4054823265	
50	3-26 ER40	63	5000	1:1	123	88	116	49	75	B20x17	250386-000	CWNFR5054824075	12.1
											2503106000	CWNFL5054824075	

AXIAL MILLING AND DRILLING HEADS

軸向鑽銑刀座 (0°)



- To be used for collet DIN 6499
- Internal coolant supply: 15bar 中心出水
- External coolant supply
- Collet is not included

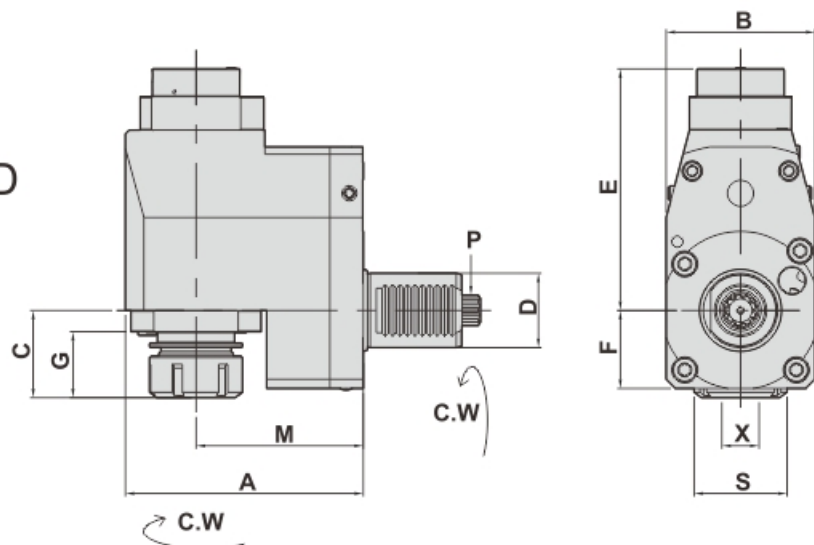
DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	Q DIN 5482	Code No.	Order No.	(Kg) Weight
40	1-16 ER25	30	6000	1:1	106	84	86	B17x14	140325-000	CWDA40548225A	4.1
40	2-20 ER32	38	6000	1:1	108	84	86	B17x14	140320-000	CWDA40548232A	4

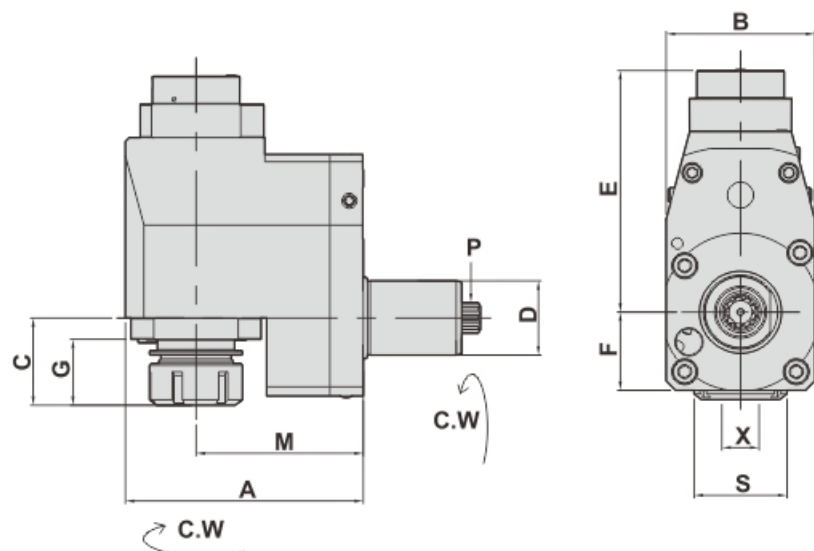
RADIAL MILLING AND DRILLING HEADS OFFSET

後縮型 (90°)

MODE : BR
RIGHT-HAND



MODE : BL
LEFT-HAND



- To be used for collet DIN 6499
- Internal coolant supply:50bar 中心出水
- External coolant supply
- Collet is not included

DIMENSIONS

D DIN 69880	X Capacity	S	Maximum R.P.M	i	A	B	C	E	F	G	M	Q DIN 5482	Code No.	Order No.	(Kg) Weight
40	2-20 ER25	50	5000	1:1	128	80	47	130	42	35.5	90	B17x14	240306-000	CWBR4054823290	9
													240326-000	CWBL4054823290	
50	3-26 ER32	63	5000	1:1	129	86	48.5	133	42	38.5	90	B20x17	250306-000	CWBR5054824090	10.4
													250326-000	CWBL5054824090	
60	10-34 ER50	78	5000	1:1	154	104	71.5	152	54	49	106	B25x22	260306-000	CWBR60548250106	17.2
													260326-000	CWBL60548250106	