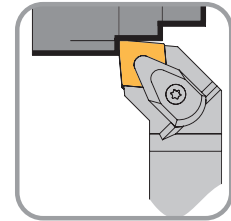


**KONRAD
TOOLS**



TOOLHOLDING

STATIC TOOLS

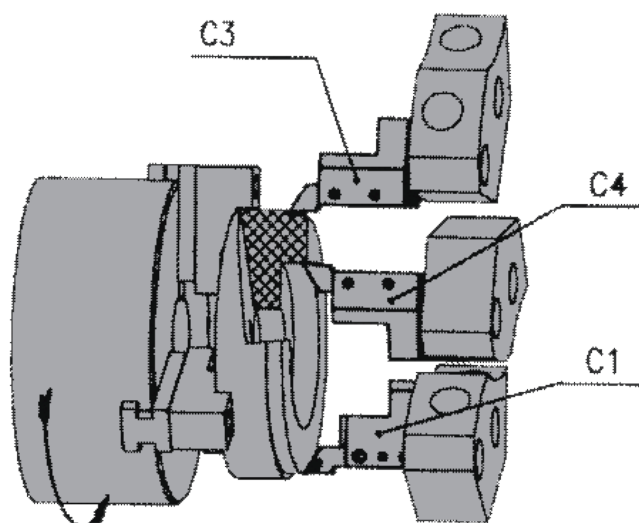
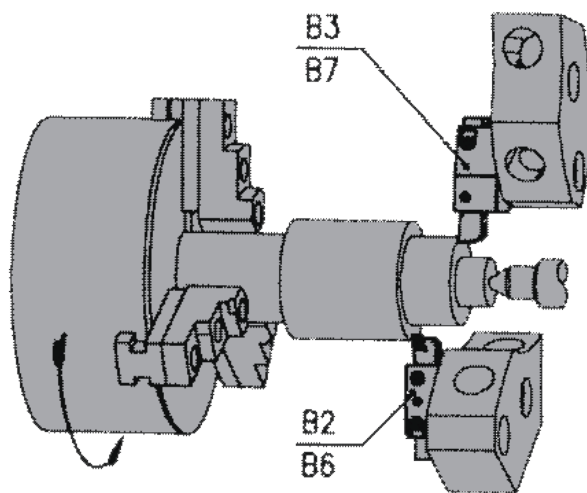
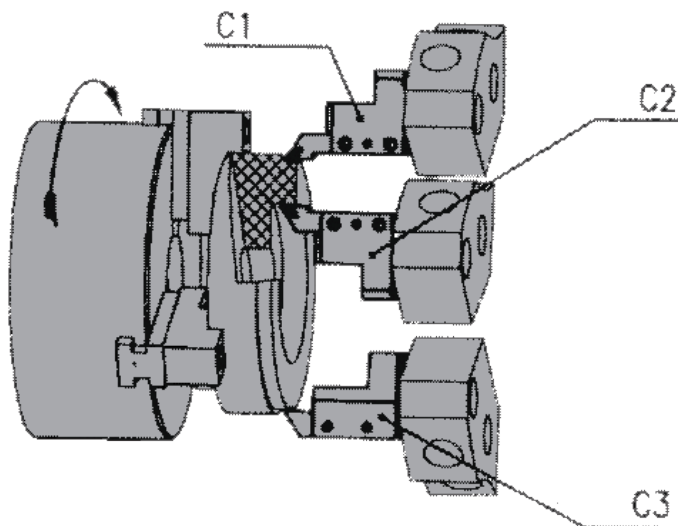
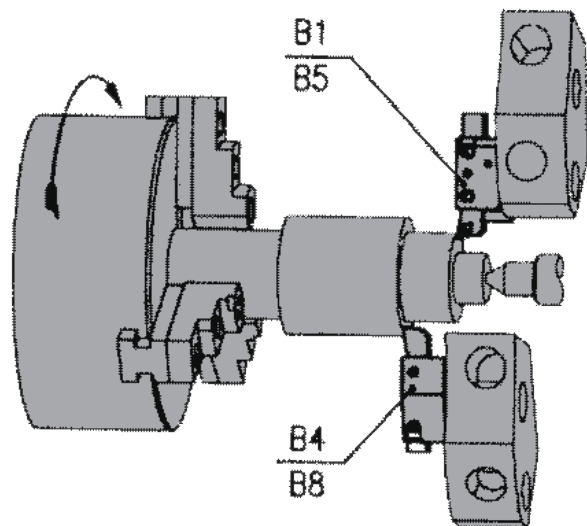


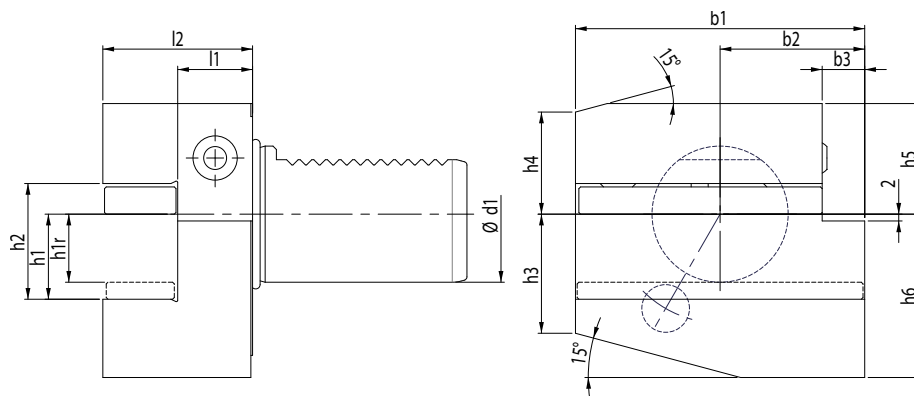
TURNING TOOL HOLDERS	FORM B	PAGE 4
	FORM C	PAGE 10 - 13
	FORM D	PAGE 14
BORING BAR HOLDERS	FORM E	PAGE 15 - 19
PSC (CAPTO COMPATIBLE)		PAGE 21 - 31

DRIVEN TOOLS

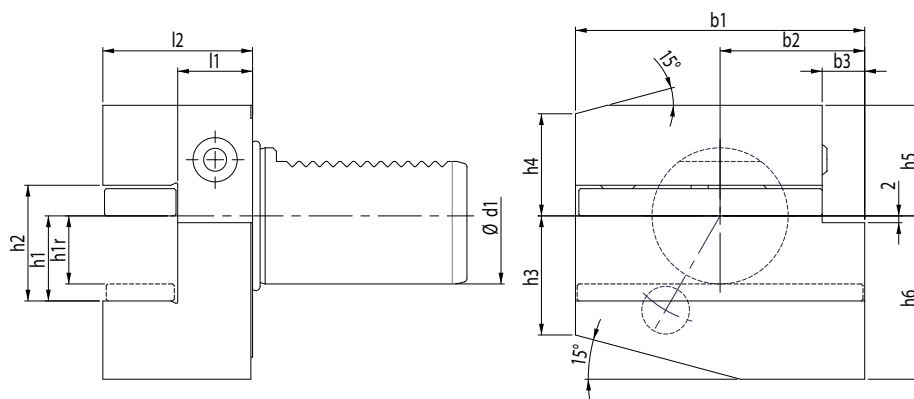


DIN 5480	AXIAL	PAGE 33 - 35
	RADIAL	PAGE 36 - 41
DIN 5482	AXIAL	PAGE 42 - 44
	RADIAL	PAGE 45 - 47
DIN 1809	AXIAL	PAGE 48 - 50
	RADIAL	PAGE 51 - 53
EMAG	AXIAL	PAGE 54 - 56
	RADIAL	PAGE 57 - 59
PSC (CAPTO COMPATIBLE)	AXIAL	PAGE 61 - 64
	RADIAL	PAGE 65 - 70

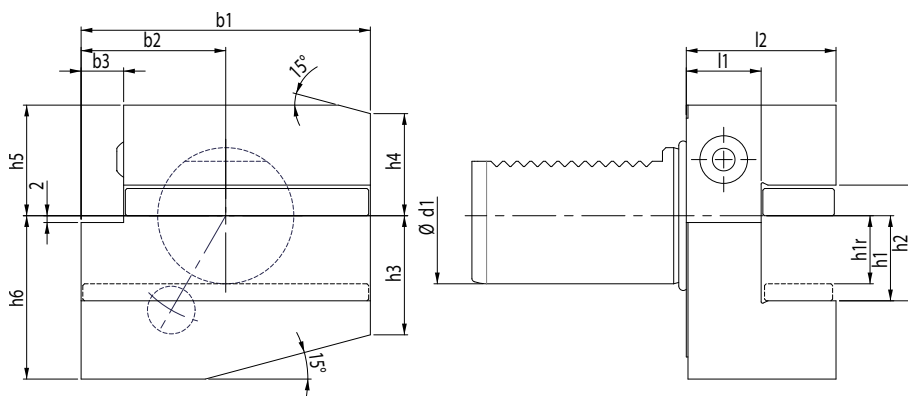


TURNING TOOL HOLDER RADIAL RIGHT SHORT - FORM B1


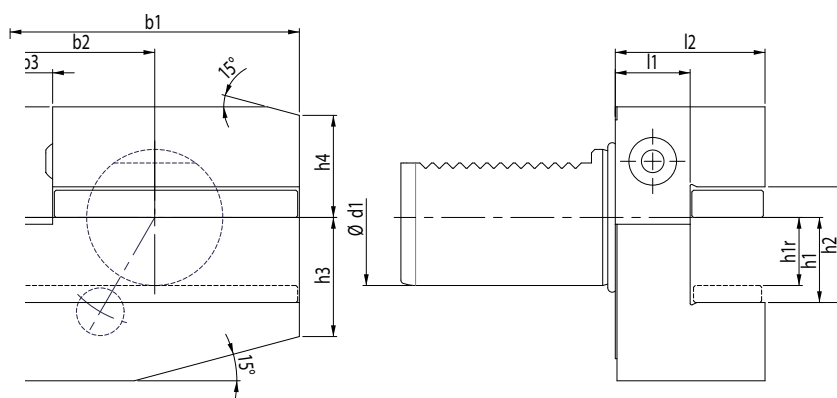
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B1.VDI16.12	16	42	23	5	12	15	15	20	22	19	13	24	30°
B1.VDI20.1612	20	55	30	7	16/12	19	19	25	30	23	16	30	30°
B1.VDI25.1612	25	55	30	7	16/12	22,5	22,5	25	30	25	16	30	30°
B1.VDI30.2016	30	70	35	10	20/16	26	22	28	38	30	22	40	25°
B1.VDI40.2520	40	85	42,5	12,5	25/20	35	30	32,5	48	-	22	44	-
B1.VDI50.3225	50	100	50	16	32/25	42	35	35	60	-	30	55	-
B1.VDI60.3225	60	125	62,5	16	32/25	46	42,5	42,5	62,5	-	30	60	-

TURNING TOOL HOLDER RADIAL RIGHT SHORT - FORM B1 WITH INTERNAL COOLING


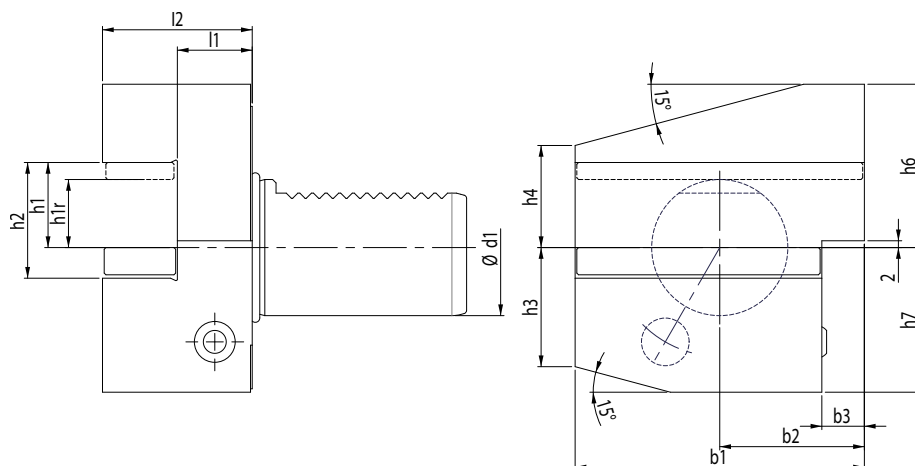
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B1.VDI30.20-IC													
B1.VDI40.25-IC													
B1.VDI50.32-IC													

TURNING TOOL HOLDER RADIAL LEFT SHORT- FORM B2


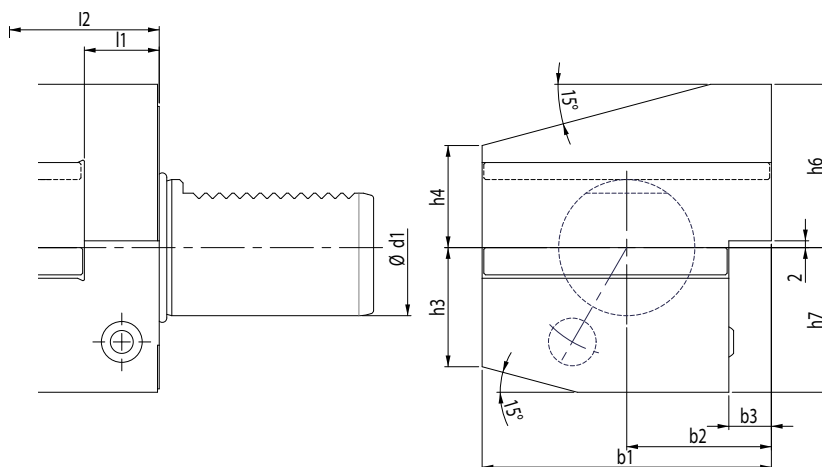
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B2.VDI16.12	16	42	23	5	12	15	15	20	22	19	13	24	30°
B2.VDI20.1612	20	55	30	7	16/12	19	19	25	30	23	16	30	30°
B2.VDI25.1612	25	55	30	7	16/12	22,5	22,5	25	30	25	16	30	30°
B2.VDI30.2016	30	70	35	10	20/16	26	22	28	38	30	22	40	25°
B2.VDI40.2520	40	85	42,5	12,5	25/20	35	30	32,5	48	-	22	44	-
B2.VDI50.3225	50	100	50	16	32/25	42	35	35	60	-	30	55	-
B2.VDI60.3225	60	125	62,5	16	32/25	46	42,5	42,5	62,5	-	30	60	-

TURNING TOOL HOLDER RADIAL RIGHT SHORT - FORM B2 WITH INTERNAL COOLING


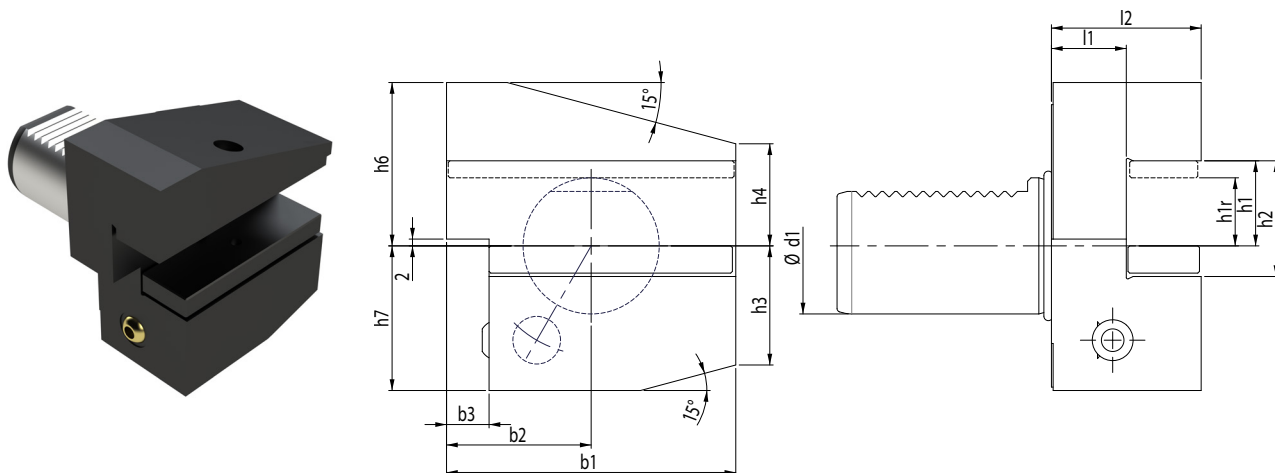
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B2.VDI30.20-IC													
B2.VDI40.25-IC													
B2.VDI50.32-IC													

TURNING TOOL HOLDER RADIAL RIGHT SHORT OVERHEAD - FORM B3


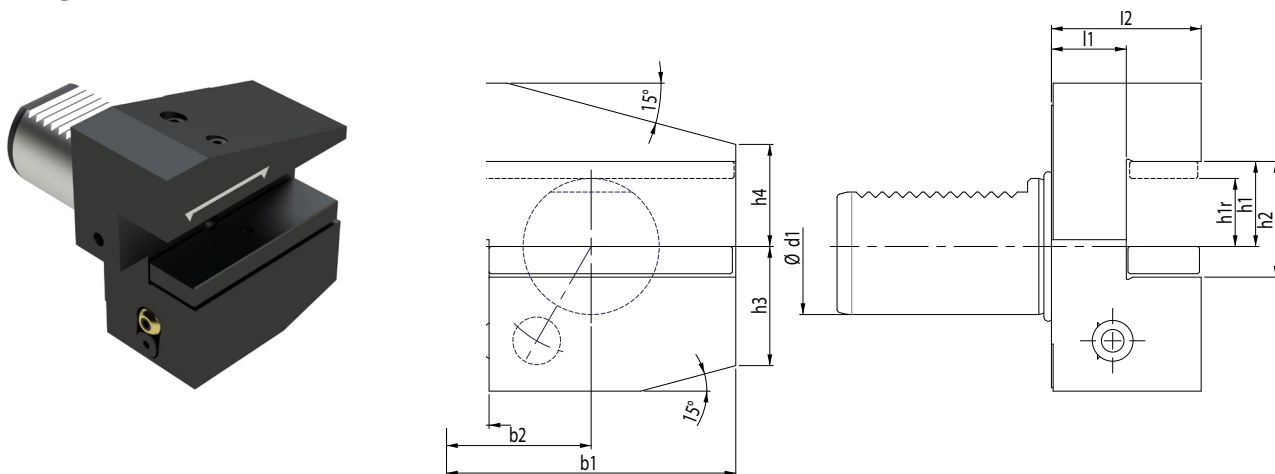
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B3.VDI16.12	16	42	23	5	12	15	15	22	20	19	13	24	30°
B3.VDI20.1612	20	55	30	7	16/12	19	19	30	25	23	16	30	30°
B3.VDI25.1612	25	55	30	7	16/12	22,5	22,5	30	25	25	16	30	30°
B3.VDI30.2016	30	70	35	10	20/16	26	22	38	35	28	22	40	25°
B3.VDI40.2520	40	85	42,5	12,5	25/20	35	30	48	42,5	-	22	44	-
B3.VDI50.3225	50	100	50	16	32/25	42	35	60	50	-	30	55	-
B3.VDI60.3225	60	125	62,5	16	32/25	46	42,5	62,5	62,5	-	30	60	-

TURNING TOOL HOLDER RADIAL RIGHT OVERHEAD - FORM B3 WITH INTERNAL COOLANT


DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B3.VDI30.20-IC													
B3.VDI40.25-IC													
B3.VDI50.32-IC													

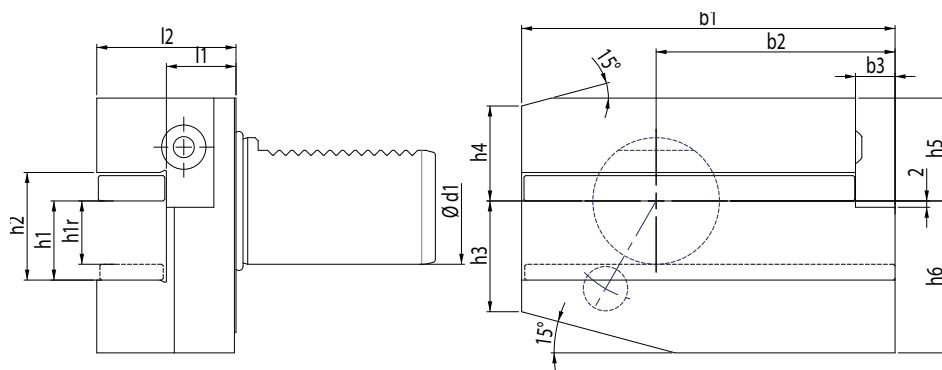
TURNING TOOL HOLDER RADIAL LEFT SHORT OVERHEAD - FORM B4


DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B4.VDI16.12	16	42	23	5	12	15	15	22	20	19	13	24	30°
B4.VDI20.1612	20	55	30	7	16/12	19	19	30	25	23	16	30	30°
B4.VDI25.1612	25	55	30	7	16/12	22,5	22,5	30	25	25	16	30	30°
B4.VDI30.2016	30	70	35	10	20/16	26	22	38	35	28	22	40	25°
B4.VDI40.2520	40	85	42,5	12,5	25/20	35	30	48	42,5	-	22	44	-
B4.VDI50.3225	50	100	50	16	32/25	42	35	60	50	-	30	55	-
B4.VDI60.3225	60	125	62,5	16	32/25	46	42,5	62,5	62,5	-	30	60	-

TURNING TOOL HOLDER RADIAL LEFT OVERHEAD - FORM B4 WITH INTERNAL COOLANT


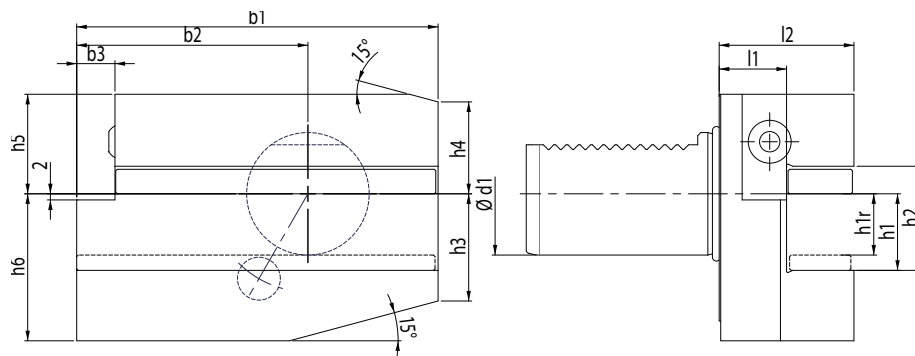
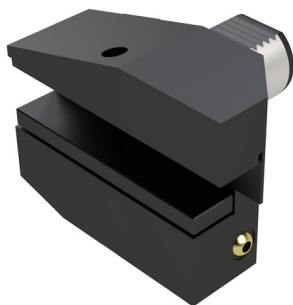
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B4.VDI30.20-IC													
B4.VDI40.25-IC													
B4.VDI50.32-IC													

TURNING TOOL HOLDER RADIAL RIGHT LONG - FORM B5

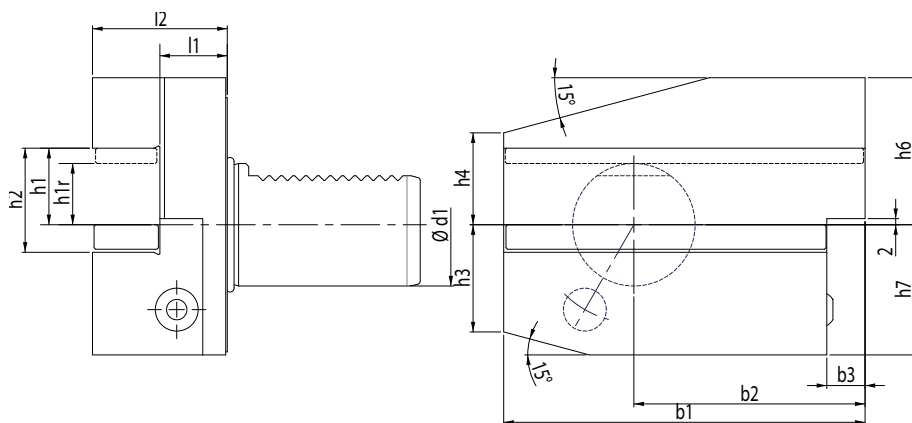


DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B5.VDI16.12	16	58	39	5	12	15	15	20	22	19	13	24	30°
B5.VDI20.1612	20	75	50	7	16/12	19	19	25	30	23	16	30	30°
B5.VDI25.1612	25	75	50	7	16/12	22,5	22,5	25	30	25	16	30	30°
B5.VDI30.2016	30	100	65	10	20/16	26	22	28	38	30	22	40	25°
B5.VDI40.2520	40	118	75,5	12,5	25/20	35	30	32,5	48	-	22	44	-
B5.VDI50.3225	50	130	80	16	32/25	42	35	35	60	-	30	55	-
B5.VDI60.3225	60	145	82,5	16	32/25	46	42,5	42,5	62,54	-	30	60	-

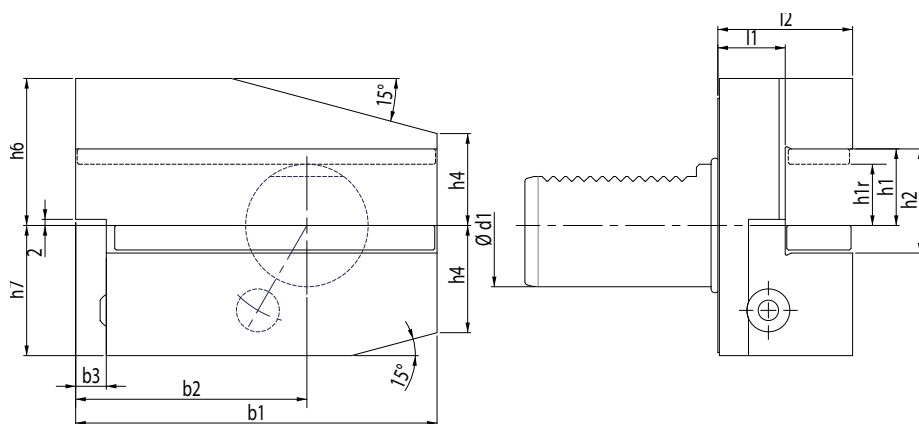
TURNING TOOL HOLDER RADIAL LEFT LONG - FORM B6



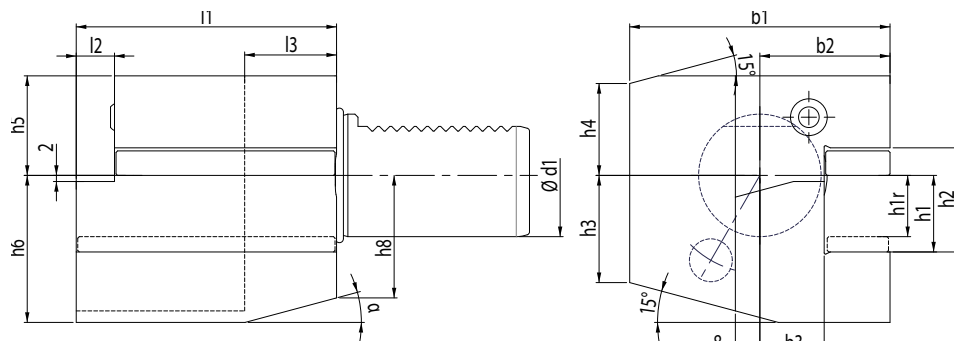
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B6.VDI16.12	16	58	39	5	12	15	15	20	22	19	13	24	30°
B6.VDI20.1612	20	75	50	7	16/12	19	19	25	30	23	16	30	30°
B6.VDI25.1612	25	75	50	7	16/12	22,5	22,5	25	30	25	16	30	30°
B6.VDI30.2016	30	100	65	10	20/16	26	22	28	38	30	22	40	25°
B6.VDI40.2520	40	118	75,5	12,5	25/20	35	30	32,5	48	-	22	44	-
B6.VDI50.3225	50	130	80	16	32/25	42	35	35	60	-	30	55	-
B6.VDI60.3225	60	145	82,5	16	32/25	46	42,5	42,5	62,5	-	30	60	-

TURNING TOOL HOLDER RADIAL RIGHT LONG OVERHEAD - FORM B7


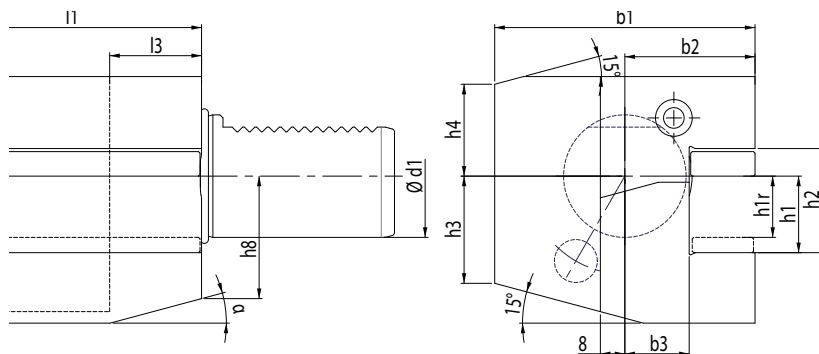
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B7.VDI16.12	16	58	39	5	12	15	15	22	20	19	13	24	30°
B7.VDI20.1612	20	75	50	7	16/12	19	19	30	25	23	16	30	30°
B7.VDI25.1612	25	75	50	7	16/12	22,5	22,5	30	25	25	16	30	30°
B7.VDI30.2016	30	100	65	10	20/16	26	22	38	35	28	22	40	25°
B7.VDI40.2520	40	118	75,5	12,5	25/20	35	30	48	42,5	-	22	44	-
B7.VDI50.3225	50	130	80	16	32/25	42	35	60	50	-	30	55	-
B7.VDI60.3225	60	145	82,5	16	32/25	46	42,5	62,5	62,5	-	30	60	-

TURNING TOOL HOLDER RADIAL LEFT LONG OVERHEAD - FORM B8


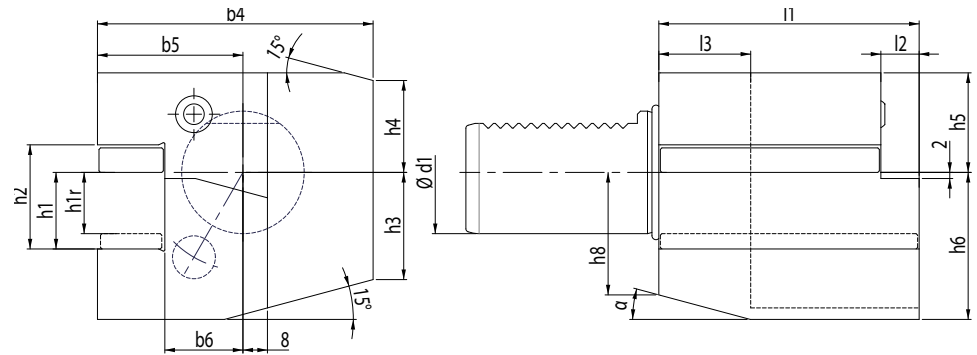
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	α
B8.VDI16.12	16	58	39	5	12	15	15	22	20	19	13	24	30°
B8.VDI20.1612	20	75	50	7	16/12	19	19	30	25	23	16	30	30°
B8.VDI25.1612	25	75	50	7	16/12	22,5	22,5	30	25	25	16	30	30°
B8.VDI30.20/16	30	100	65	10	20/16	26	22	38	35	28	22	40	25°
B8.VDI40.2520	40	118	75,5	12,5	25/20	35	30	48	42,5	-	22	44	-
B8.VDI50.3225	50	130	80	16	32/25	42	35	60	50	-	30	55	-
B8.VDI60.3225	60	145	82,5	16	32/25	46	42,5	62,5	62,5	-	30	60	-

TURNING TOOL HOLDER AXIAL RIGHT - FORM C1


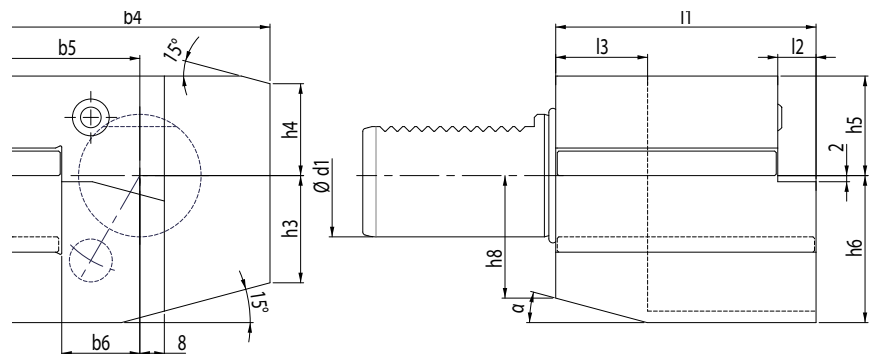
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	l ₃	α
C1.VDI16.12	16	43	24	13	12	15	15	20	22	19	44	5	20	30°
C1.VDI20.1612	20	52	27	13	16/12	19	19	25	30	23	55	7	30	30°
C1.VDI25.1612	25	58	33	19	16/12	22,5	22,5	25	30	25	55	7	20	30°
C1.VDI30.2016	30	70	35	17	20/16	26	22	28	38	30	70	10	30	25°
C1.VDI40.2520	40	85	42,5	21	25/20	35	30	32,5	48	40	85	12,5	30	15°
C1.VDI50.3225	50	100	50	26	32/25	42	35	35	60	-	100	16	40	-
C1.VDI60.3225	60	125	62,5	33	32/25	46	42,5	42,5	62,5	-	125	16	40	-

TURNING TOOL HOLDER AXIAL RIGHT - FORM C1 WITH INTERNAL COOLANT


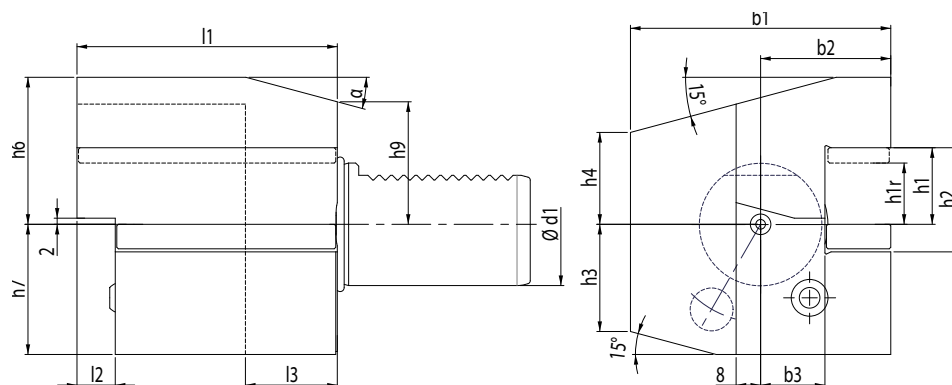
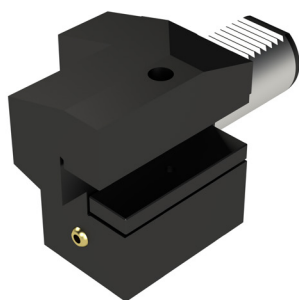
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	l ₃	α
C1.VDI30.20-IC														
C1.VDI40.25-IC														
C1.VDI50.32-IC														

TURNING TOOL HOLDER AXIAL LEFT - FORM C2


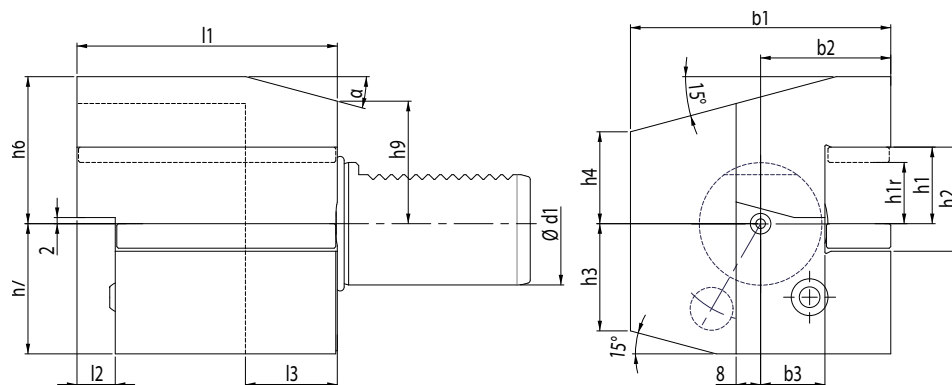
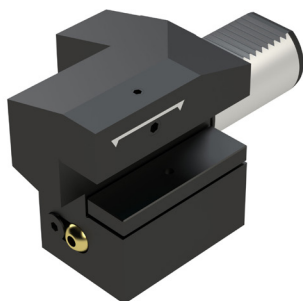
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	l ₃	α
C2.VDI20.1612	20	57	32	18	16/12	19	19	25	30	23	55	32	30	30°
C2.VDI25.1612	25	58	33	19	16/12	22,5	22,5	25	30	25	55	7	20	30°
C2.VDI30.2016	30	76	41	23	20/16	26	22	28	38	30	70	10	30	25°
C2.VDI40.2520	40	90	47,5	25,5	25/20	35	30	32,5	48	40	85	12,5	30	15°
C2.VDI50.3225	50	105	55	30,5	32/25	42	35	35	60	-	100	16	40	-
C2.VDI60.3225	60	125	62,5	33	32/25	46	42,5	42,5	62,5	-	125	16	40	-

TURNING TOOL HOLDER AXIAL LEFT - FORM C2 WITH INTERNAL COOLANT


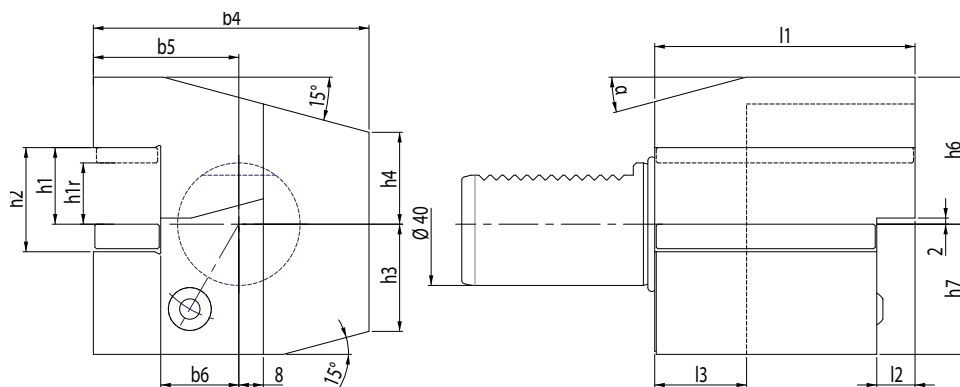
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	l ₃	α
C2.VDI30.20-IC														
C2.VDI40.25-IC														
C2.VDI50.32-IC														

TURNING TOOL HOLDER AXIAL RIGHT OVERHEAD - FORM C3


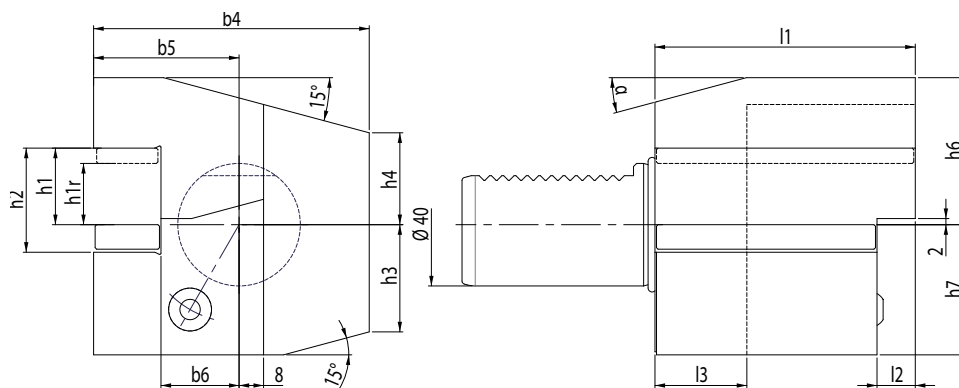
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	l ₃	α
C3.VDI16.12	16	43	24	13	12	15	15	22	20	19	44	5	20	30°
C3.VDI20.1612	20	52	27	13	16/12	19	19	30	25	23	55	7	30	30°
C3.VDI25.1612	25	58	33	19	16/12	22,5	22,5	30	25	25	55	7	20	30°
C3.VDI30.2016	30	70	35	17	20/16	26	22	38	35	28	70	10	30	25°
C3.VDI40.2520	40	85	42,5	21	25/20	35	30	48	42,5	40	85	12,5	30	15°
C3.VDI50.3225	50	100	50	26	32/25	42	35	60	50	-	100	16	40	-
C3.VDI60.3225	60	125	62,5	33	32/25	46	42,5	62,5	62,5	-	125	16	40	-

TURNING TOOL HOLDER AXIAL RIGHT OVERHEAD - FORM C3 WITH INTERNAL COOLANT


DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	l ₃	α
C3.VDI30.20-IC														
C3.VDI40.25-IC														
C3.VDI50.32-IC														

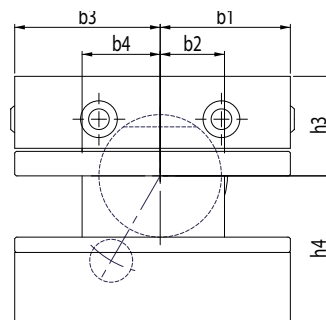
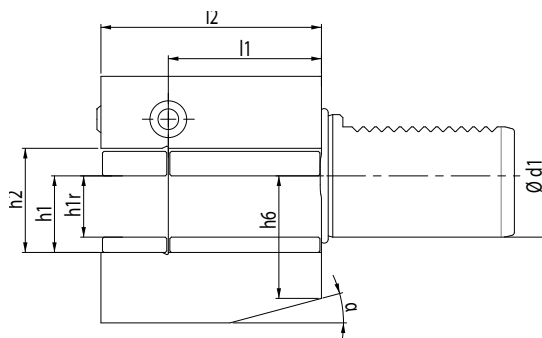
TURNING TOOL HOLDER AXIAL LEFT OVERHEAD - FORM C4


DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	l ₃	α
C4.VDI16.12	16	43	24	13	12	15	15	22	20	19	44	5	20	30°
C4.VDI20.1612	20	57	32	18	16/12	19	19	30	25	23	55	7	30	30°
C4.VDI25.1612	25	58	33	19	16/12	22,5	22,5	30	25	25	55	7	20	30°
C4.VDI30.2016	30	76	41	23	20/16	26	22	38	35	28	70	10	30	25°
C4.VDI40.2520	40	90	47,5	25,5	25/20	35	30	48	42,5	40	85	12,5	30	15°
C4.VDI50.3225	50	105	55	30,5	32/25	42	35	60	50	-	100	16	40	-
C4.VDI60.3225	60	125	62,5	33	32/25	46	42,5	62,5	62,5	-	125	16	40	-

TURNING TOOL HOLDER AXIAL LEFT OVERHEAD - FORM C4 WITH INTERNAL COOLANT


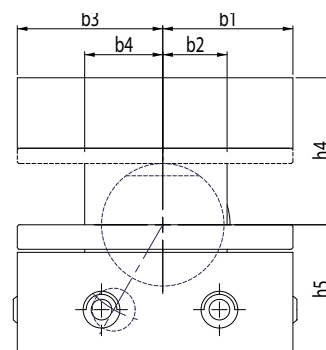
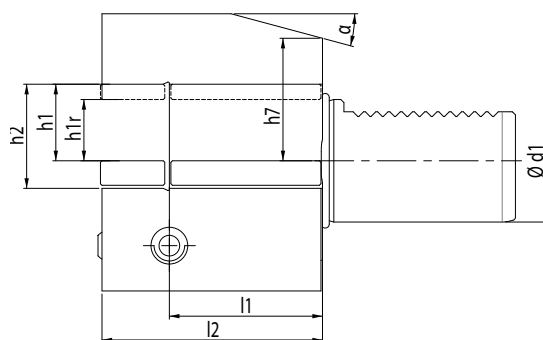
DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	h ₈	l ₁	l ₂	l ₃	α
C4.VDI30.20-IC														
C4.VDI40.25-IC														
C4.VDI50.32-IC														

MULTIPLE TOOL HOOLDER AXIAL-RADIAL - FORM D1



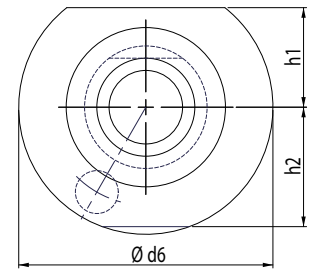
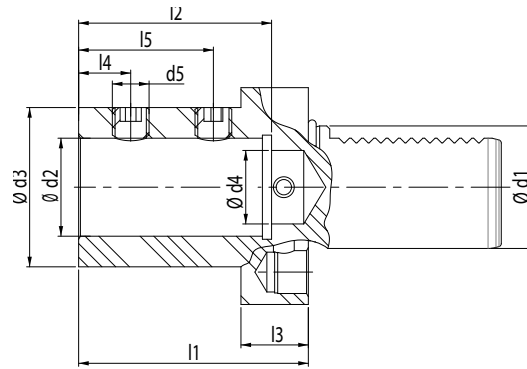
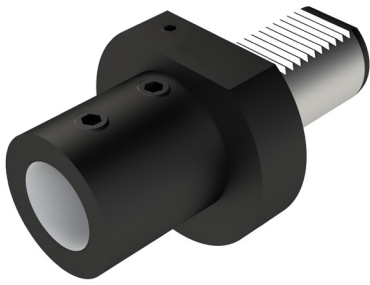
DESIGNATION	d ₁	b ₁	b ₂	b ₃	b ₄	h ₁	h ₄	h ₅	h ₇	l ₁	l ₂	α
D1.VDI25.1612	25	33	19	33	19	16/12	25	30	25	34	48	30°
D1.VDI30.2016	30	35	17	41	23	20/16	28	38	30	42	60	25°
D1.VDI40.2520	40	42,5	21	47,5	25,5	25/20	32,5	48	40	50	72	15°
D1.VDI50.3225	50	50	26	55	30,5	32/25	35	60	-	60	85	-
D1.VDI60.3225	60	57,5	33	57,5	33	32/25	42,5	62,5	-	85	110	-

MULTIPLE TOOL HOOLDER AXIAL-RADIAL OVERHEAD - FORM D2

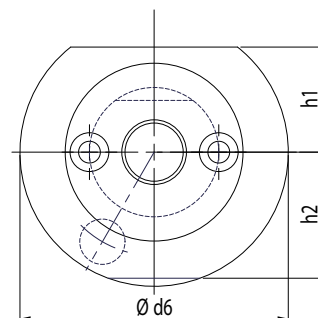
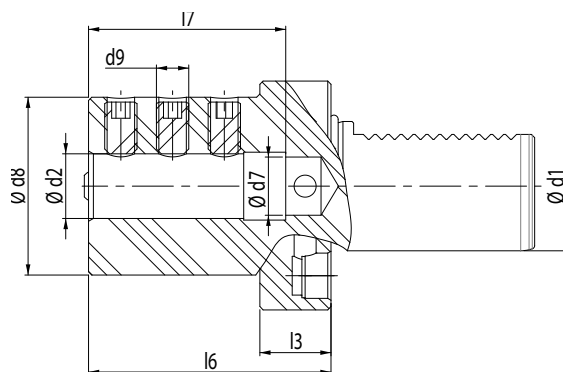


DESIGNATION	d ₁	b ₁	b ₂	b ₃	h ₁	h ₃	h ₄	h ₅	h ₆	l ₁	l ₂	α
D2.VDI25.1612	25	33	19	33	19	16/12	30	25	25	34	48	30°
D2.VDI30.2016	30	35	17	41	23	20/16	38	35	28	42	60	25°
D2.VDI40.2520	40	42,5	21	47,5	25,5	25/20	48	42,5	40	50	72	15°
D2.VDI50.3225	50	50	26	55	30,5	32/25	60	50	-	60	85	-
D2.VDI60.3225	60	57,5	33	57,5	33	32/25	62,5	62,5	-	85	110	-

BORING BAR HOLDER - FORM E1 WITH INTERNAL COOLANT

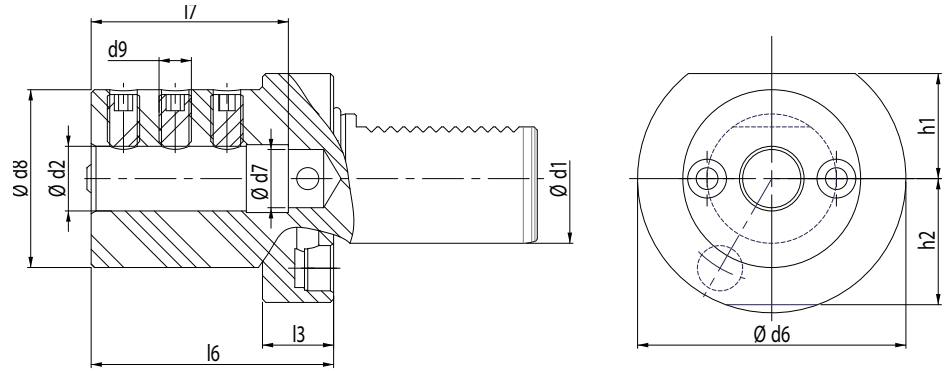
[illegible]

BORING BAR HOLDER - FORM E2 WITH INTERNAL COOLANT

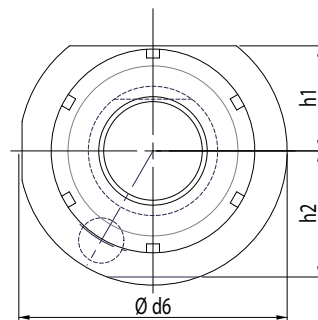
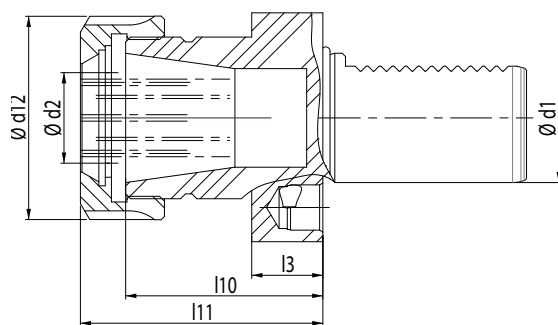


DESIGNATION	d ₁	d ₂	d ₆	d ₈	d ₉	h ₁	h ₂	l ₃	l ₆	l ₇
E2.VDI16.06	16	6	40	32	M6	18	18	13	44	34
E2.VDI16.08	16	8	40	32	M6	18	18	13	44	34
E2.VDI16.10	16	10	40	32	M6	18	18	13	44	34
E2.VDI16.12	16	12	40	40	M8	18	18	-	44	34
E2.VDI16.16	16	16	40	40	M8	18	18	-	44	34
E2.VDI20.08	20	8	50	40	M6	-	23	18	50	41
E2.VDI20.10	20	10	50	40	M6	-	23	18	50	41
E2.VDI20.12	20	12	50	40	M8	-	23	18	50	41
E2.VDI20.16	20	16	50	40	M8	-	23	18	50	41
E2.VDI20.20	20	20	50	50	M8	-	23	-	50	41
E2.VDI20.25	20	25	50	50	M8	-	23	-	60	51
E2.VDI25.08	25	8	58	40	M6	25	25	18	50	41
E2.VDI25.10	25	10	58	40	M6	25	25	18	50	41
E2.VDI25.12	25	12	58	40	M8	25	25	18	50	41
E2.VDI25.16	25	16	58	40	M8	25	25	18	50	41
E2.VDI25.20	25	20	58	58	M8	25	25	18	50	41
E2.VDI25.25	25	25	58	58	M8	25	25	18	60	51
E2.VDI30.08	30	8	68	55	M6	28	30	22	60	51
E2.VDI30.10	30	10	68	55	M6	28	30	22	60	51
E2.VDI30.12	30	12	68	55	M8	28	30	22	60	51
E2.VDI30.16	30	16	68	55	M8	28	30	22	60	51
E2.VDI30.20	30	20	68	55	M8	28	30	22	60	51
E2.VDI30.25	30	25	68	55	M8	28	30	22	60	51
E2.VDI30.32	30	32	68	68	M8	28	30	-	75	61
E2.VDI40.08	40	8	83	55	M6	32,5	-	22	75	51
E2.VDI40.10	40	10	83	55	M8	32,5	-	22	75	51
E2.VDI40.12	40	12	83	55	M8	32,5	-	22	75	61
E2.VDI40.16	40	16	83	55	M10	32,5	-	22	75	61
E2.VDI40.20	40	20	83	55	M10	32,5	-	22	75	61
E2.VDI40.25	40	25	83	55	M10	32,5	-	22	75	61
E2.VDI40.32	40	32	83	83	M10	32,5	-	-	75	61
E2.VDI40.40	40	40	83	83	M10	32,5	-	-	90	76
E2.VDI50.16	50	16	98	68	M10	35	-	30	90	76
E2.VDI50.20	50	20	98	68	M12	35	-	30	90	76

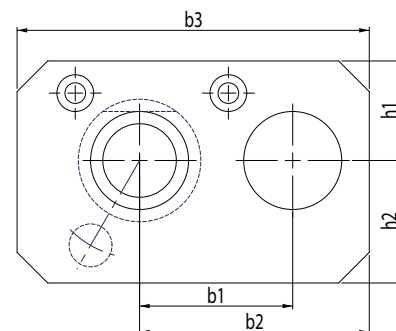
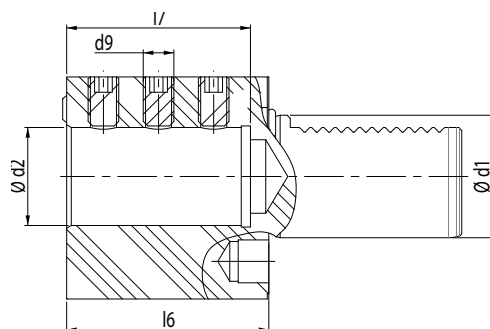
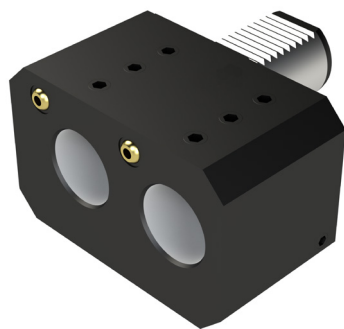
BORING BAR HOLDER - FORM E2 WITH INTERNAL COOLANT

[illegible]

COLLET CHUCK TOOL HOLDER AXIAL - FORM E4

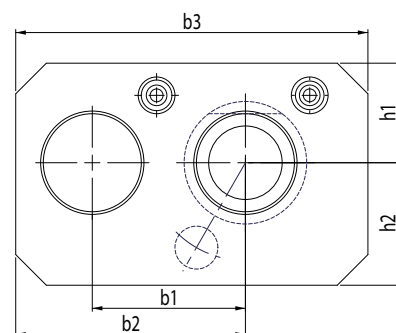
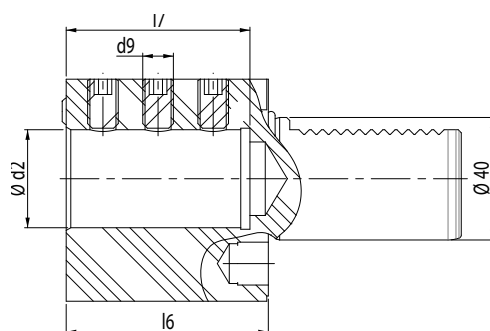
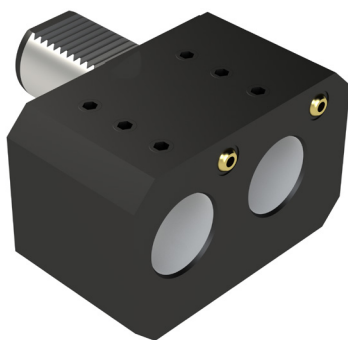
[illegible]

BORING BAR HOLDER AXIAL RIGHT OFFSET - FORM E7



DESIGNATION	d ₁	d ₂	h ₁	h ₂	l ₆	l ₇	b ₁	b ₂	b ₃	d ₉
E7.VDI20.16	20	16	25	25	45	42	32	51	76	M8
E7.VDI20.20	20	20	25	25	45	42	32	51	76	M8
E7.VDI30.25	30	25	28	32	56	52	45	65	95	M8
E7.VDI30.32	30	32	28	32	66	60	50	75	110	M8
E7.VDI40.32	40	32	32,5	40	66	60	50	75	115	M10
E7.VDI40.40	40	40	32,5	40	90	80	50	75	115	M10
E7.VDI50.32	50	32	32,5	47,5	66	60	50	75	115	M12
E7.VDI50.40	50	40	32,5	47,5	90	80	50	75	115	M12
E7.VDI50.50	50	50	35	49	115	100	68	103	152	M12
E7.VDI50.60	60	60	49	58	137	120	85	125	174	M16

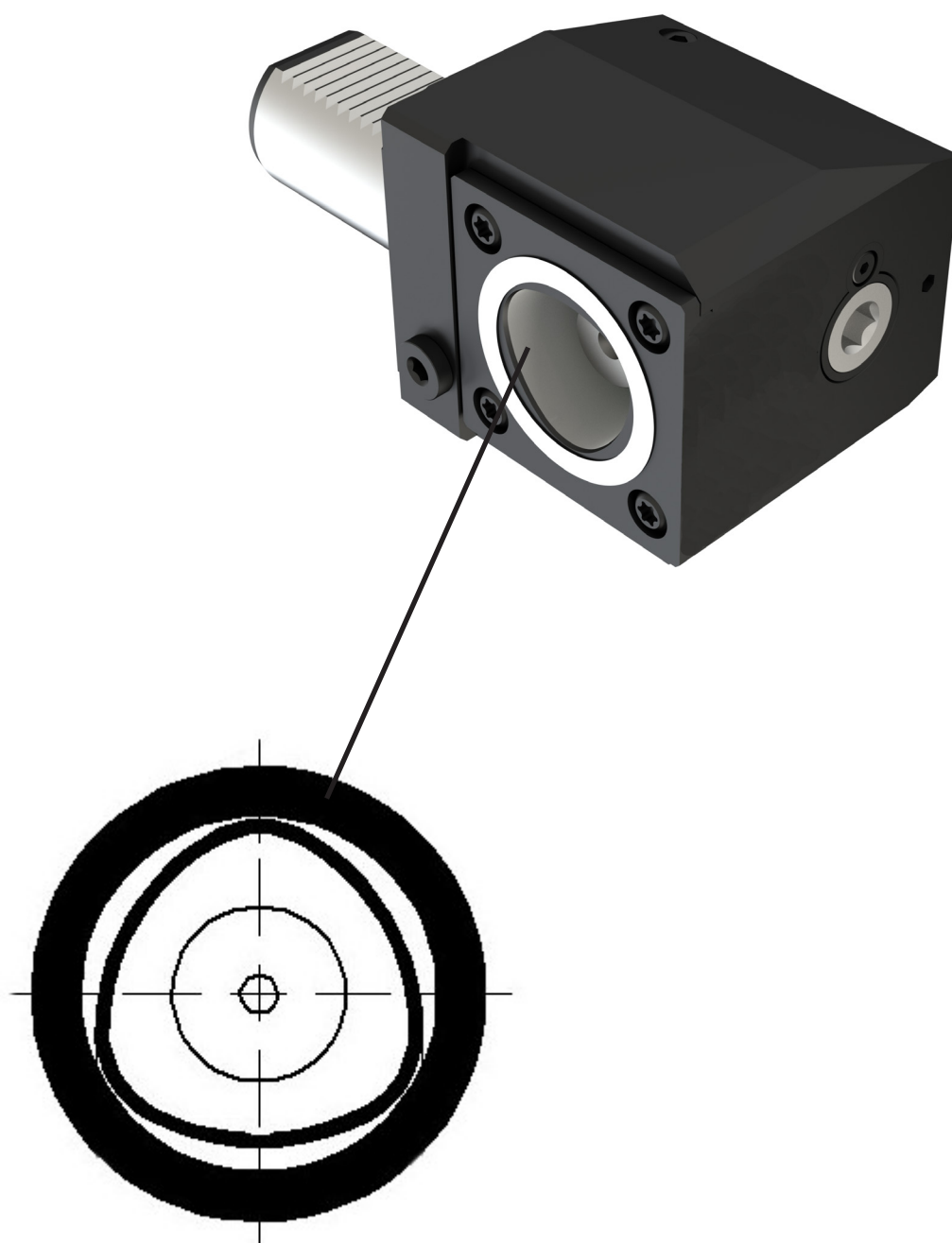
BORING BAR HOLDER AXIAL LEFT OFFSET - FORM E8



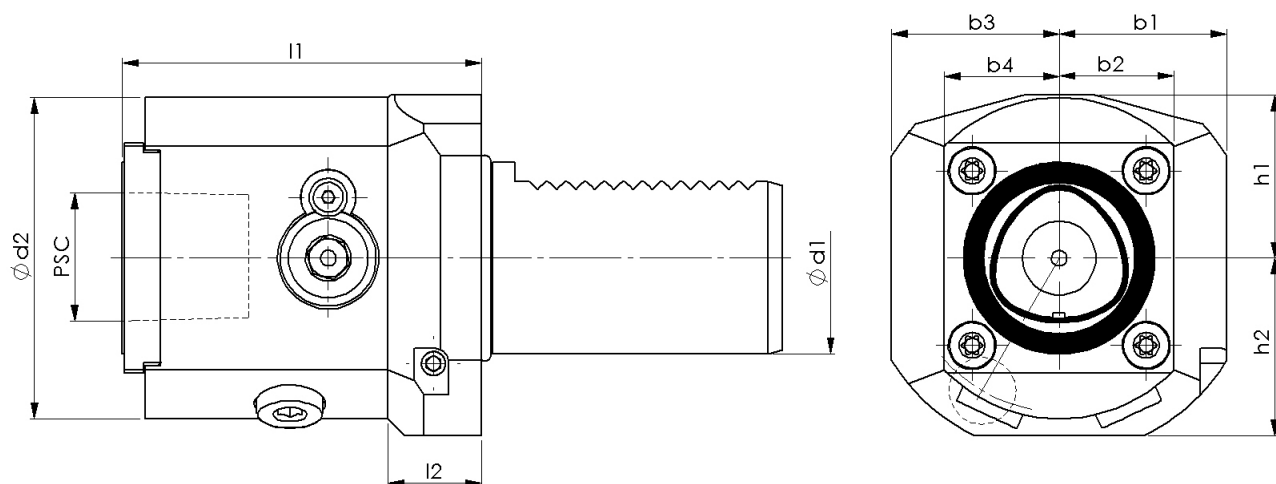
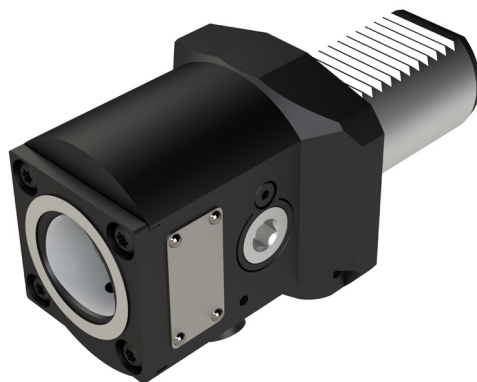
DESIGNATION	d ₁	d ₂	h ₁	h ₂	l ₆	l ₇	b ₁	b ₂	b ₃	d ₉
E8.VDI20.16	20	16	25	25	45	42	32	51	76	M8
E8.VDI20.20	20	20	25	25	45	42	32	51	76	M8
E8.VDI30.25	30	25	28	32	56	52	50	65	95	M8
E8.VDI30.32	30	32	28	32	66	60	50	75	110	M8
E8.VDI40.32	40	32	32,5	40	66	60	50	75	115	M10
E8.VDI40.40	40	40	32,5	40	90	80	50	75	115	M10
E8.VDI50.32	50	32	32,5	47,5	66	60	50	75	115	M12
E8.VDI50.40	50	40	32,5	47,5	90	80	50	75	115	M12
E8.VDI50.50	50	50	35	49	115	100	68	103	152	M12
E8.VDI60.60	60	60	59	58	137	120	85	125	174	M16

PSC

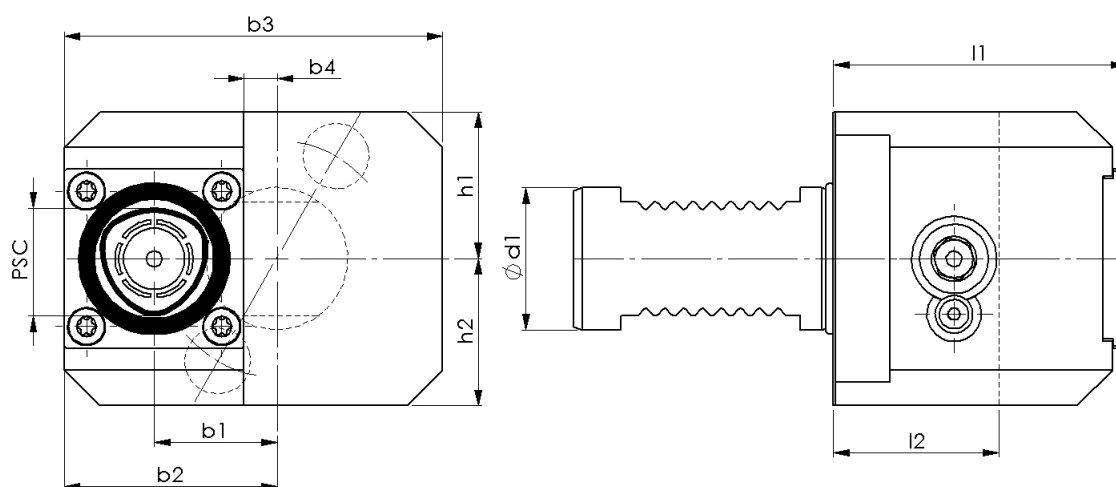
- CAPTO COMPATIBLE STATIC TOOLS



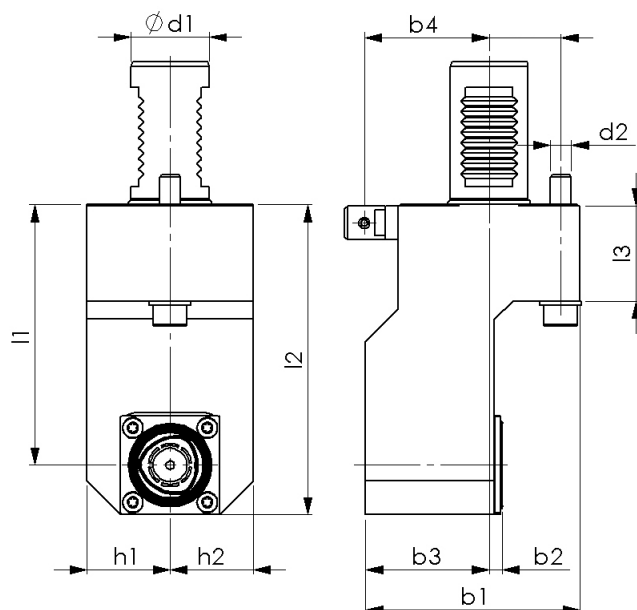
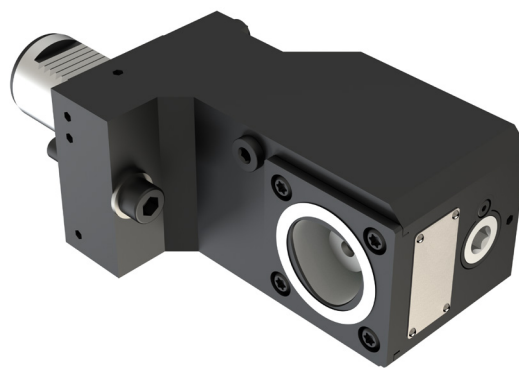
TURNING TOOL HOLDER AXIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

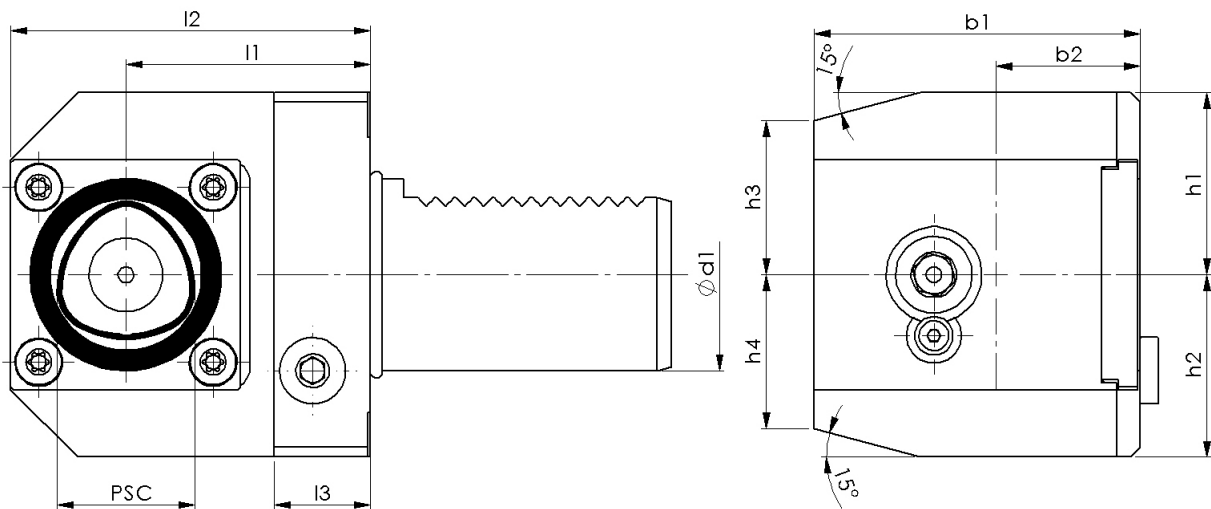
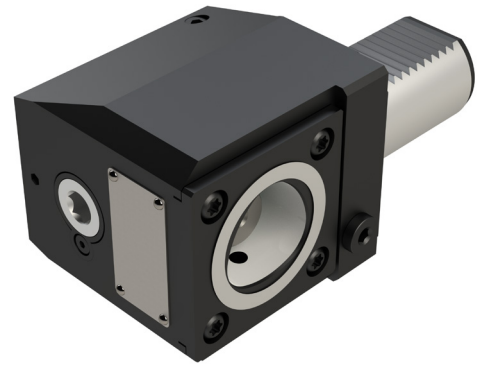
TURNING TOOL HOLDER AXIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

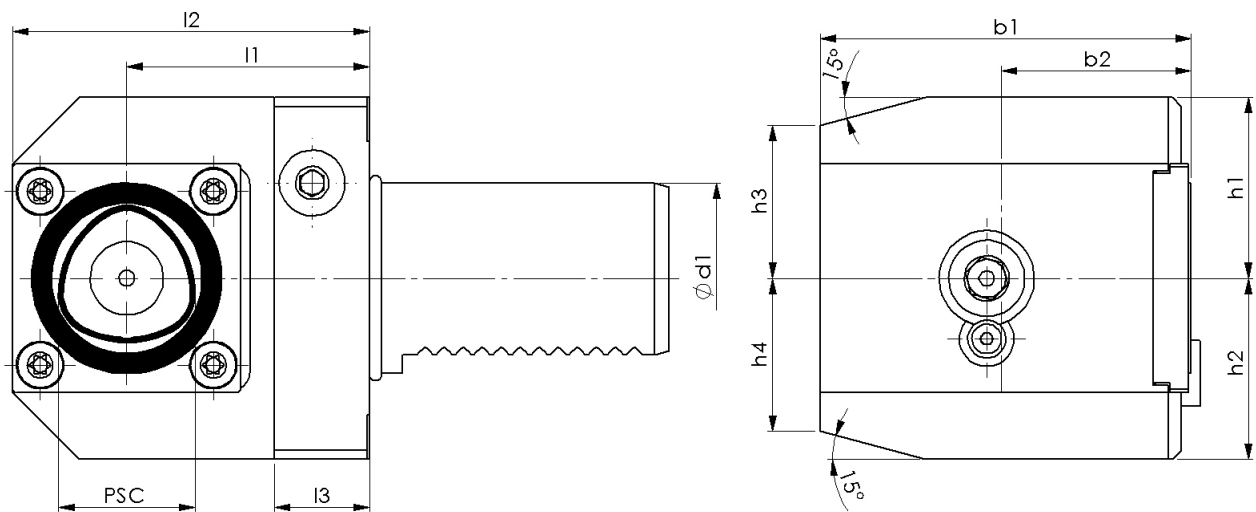
TURNING TOOL HOLDER RADIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

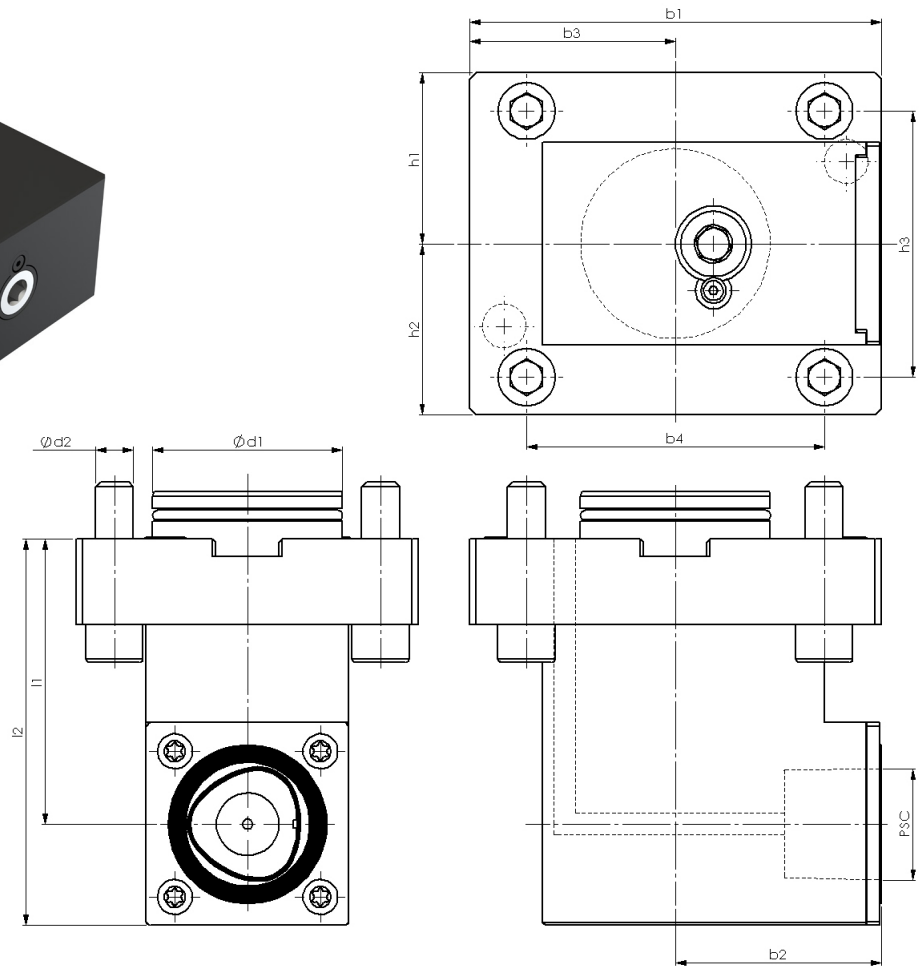
TURNING TOOL HOLDER RADIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

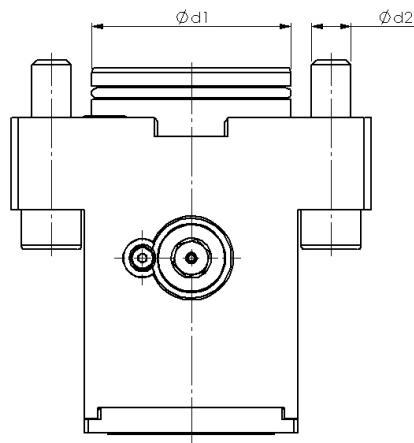
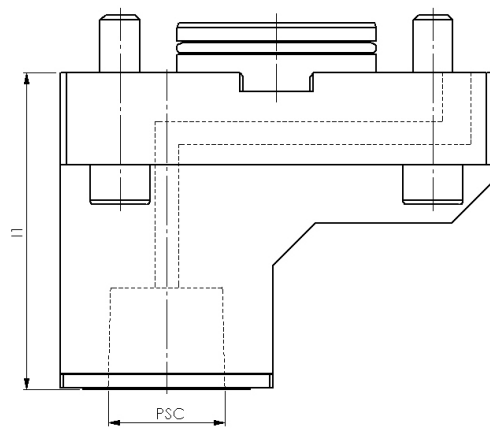
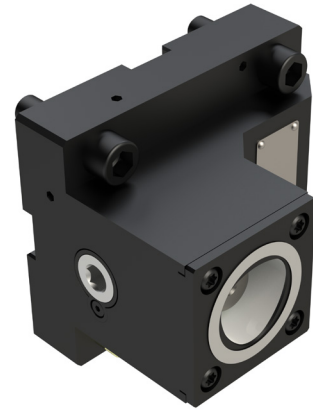
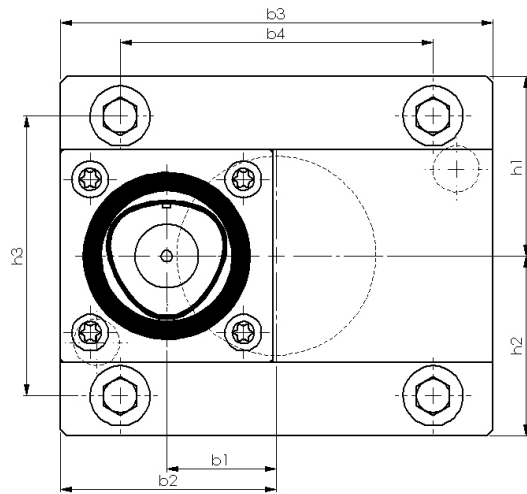
TURNING TOOL HOLDER RADIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

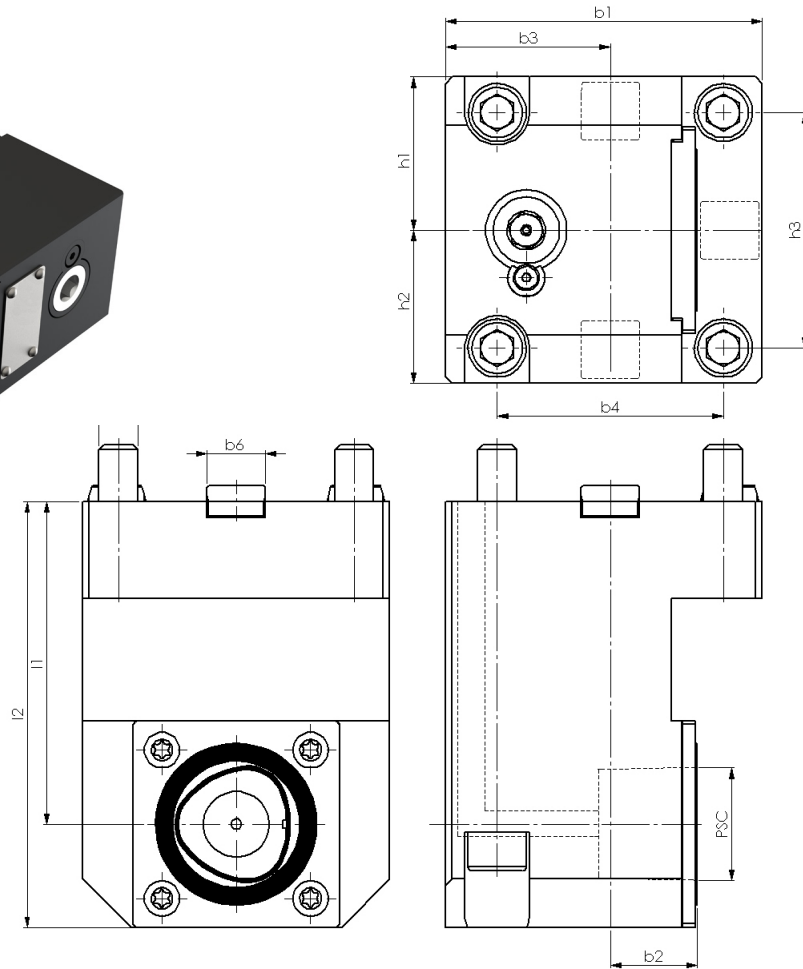
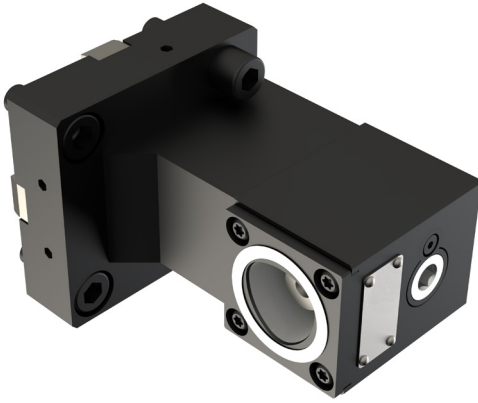
TURNING TOOL HOLDER RADIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

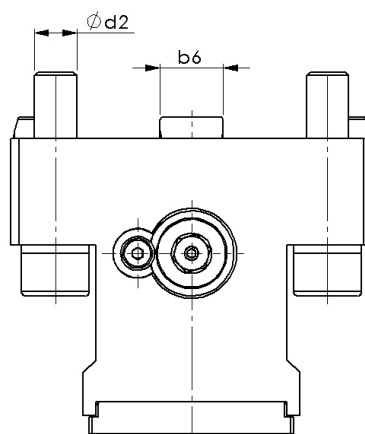
TURNING TOOL HOLDER AXIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

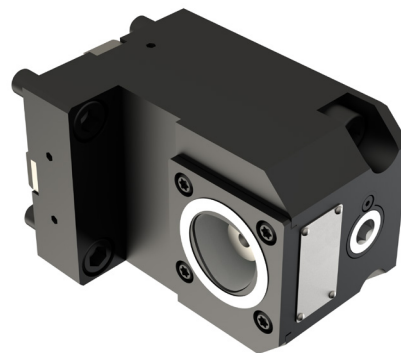
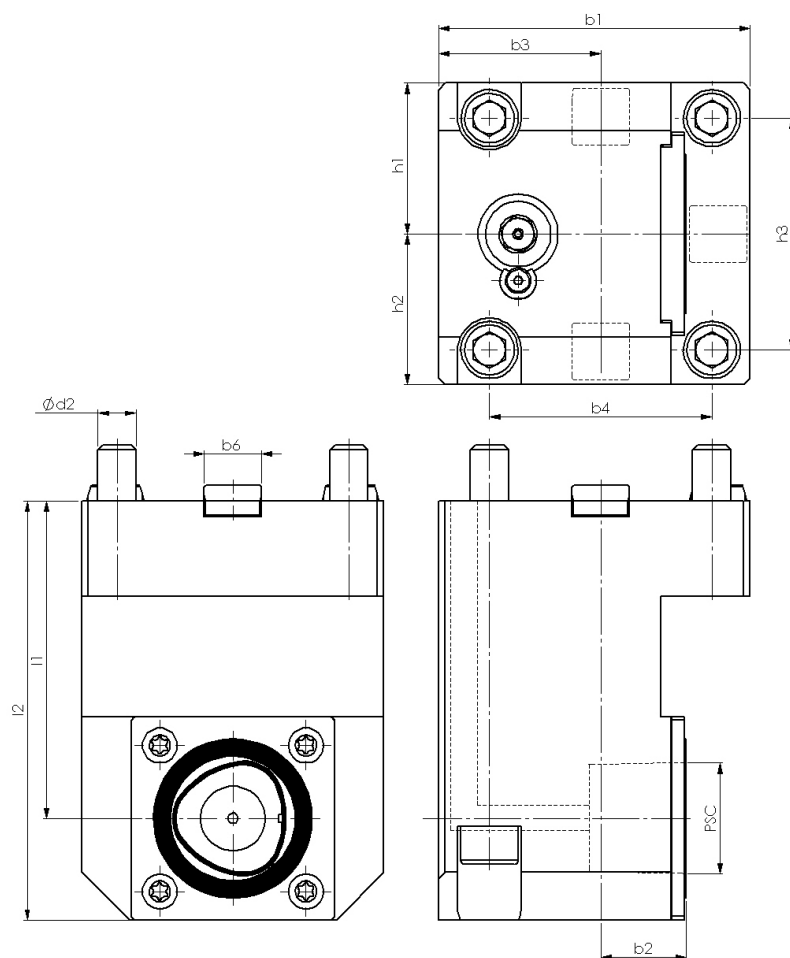
TURNING TOOL HOLDER RADIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

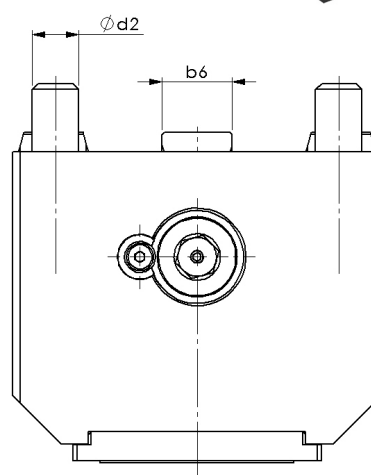
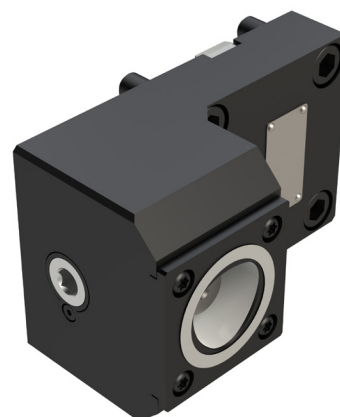
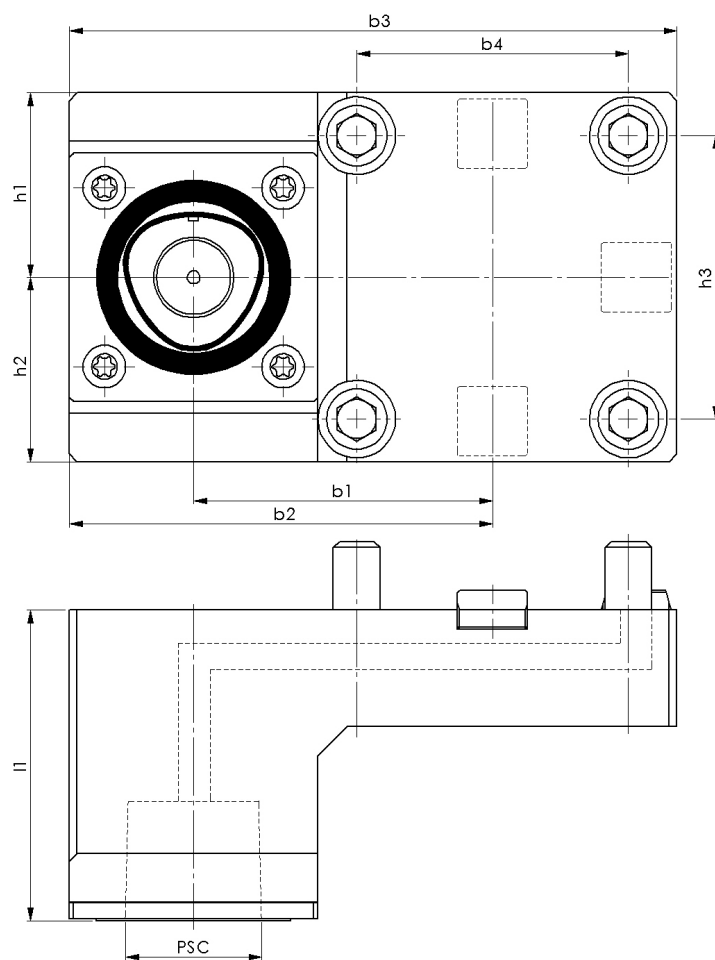
TURNING TOOL HOLDER AXIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

TURNING TOOL HOLDER RADIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

TURNING TOOL HOLDER AXIAL - DIN ISO 26623-2 (CAPTO COMPATIBLE)

[illegible]

DRIVEN TOOLS

DIN 5480 	AXIAL	PAGE 35 - 37
	RADIAL	PAGE 38 - 43
DIN 5482 	AXIAL	PAGE 44 - 46
	RADIAL	PAGE 47 - 49
DIN 1809 	AXIAL	PAGE 50 - 52
	RADIAL	PAGE 53 - 55
EMAG 	AXIAL	PAGE 56 - 58
	RADIAL	PAGE 59 - 61
PSC (CAPTO COMPATIBLE)	AXIAL	PAGE 63 - 66
	RADIAL	PAGE 67 - 69

AXIAL DRILLING AND MILLING HEAD

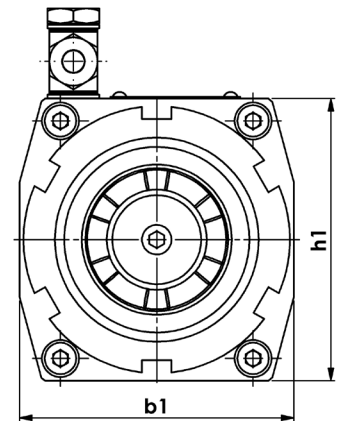
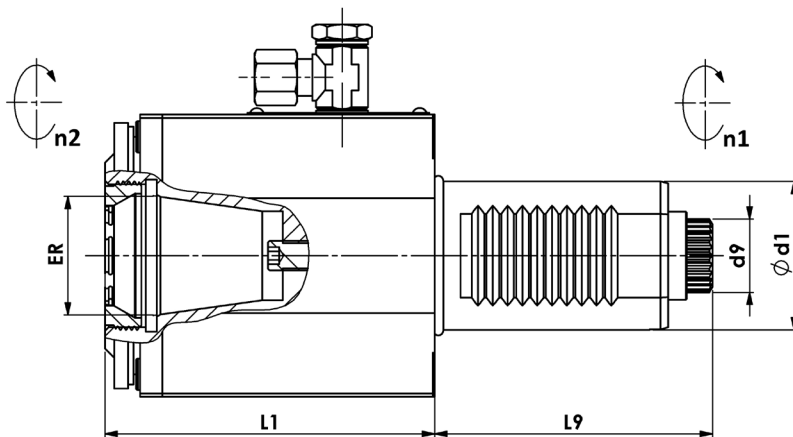
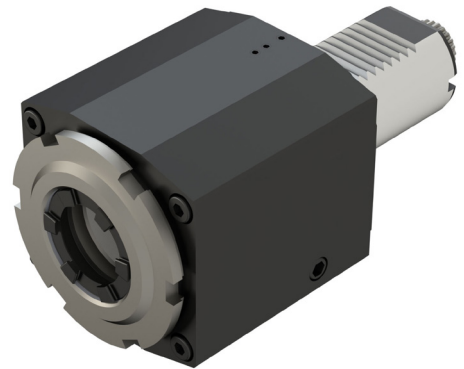


DIN 5480 SAUTER

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	L ₁	L ₉	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
A0.VDI30-50.E25H	30	W16x0,8x30x18	67	67	88	67	25	1:1	32	6000	H
A0.VDI30-50.E25H-IC	30	W16x0,8x30x18	67	67	88	67	25	1:1	32	6000	H
A0.VDI40-50.E25H	40	W20x0,8x30x24	74	76	86	75	25	1:1	63	5000	H
A0.VDI40-50.E25H-IC	40	W20x0,8x30x24	74	76	86	75	25	1:1	63	5000	H
A0.VDI40-50.E25H68	40	W20x0,8x30x24	74	76	68	75	25	1:1	63	5000	H
A0.VDI40-50.E32H	40	W20x0,8x30x24	74	76	89	75	32	1:1	63	5000	H
A0.VDI40-50.E32H-IC	40	W20x0,8x30x24	74	76	89	75	32	1:1	63	5000	H
A0.VDI40-50.E32H71	40	W20x0,8x30x24	74	76	71	75	32	1:1	63	5000	H
A0.VDI30-50.E25P	30	W16x0,8x30x18	67	67	88	67	25	1:1	32	10000	P
A0.VDI30-50.E25P-IC	30	W16x0,8x30x18	67	67	88	67	25	1:1	32	10000	P
A0.VDI40-50.E25P	40	W20x0,8x30x24	74	76	86	75	25	1:1	63	10000	P
A0.VDI40-50.E25P-IC	40	W20x0,8x30x24	74	76	86	75	25	1:1	63	10000	P
A0.VDI40-50.E25P68	40	W20x0,8x30x24	74	76	68	75	25	1:1	63	10000	P
A0.VDI40-50.E32P	40	W20x0,8x30x24	74	76	89	75	32	1:1	63	10000	P
A0.VDI40-50.E32P-IC	40	W20x0,8x30x24	74	76	89	75	32	1:1	63	10000	P
A0.VDI40-50.E32P71	40	W20x0,8x30x24	74	76	71	75	32	1:1	63	10000	P

AXIAL DRILLING AND MILLING HEAD

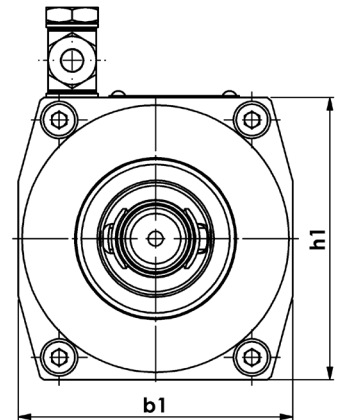
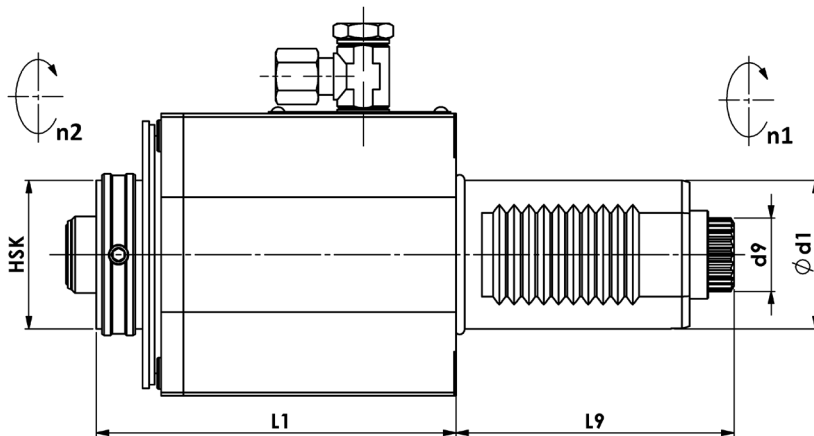
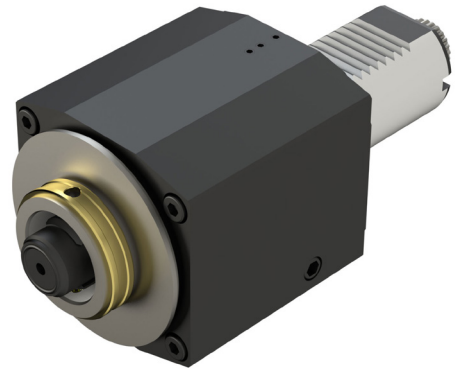


DIN 5480 SAUTER

VDI CLAMPING - DIN 69 880



HSK CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

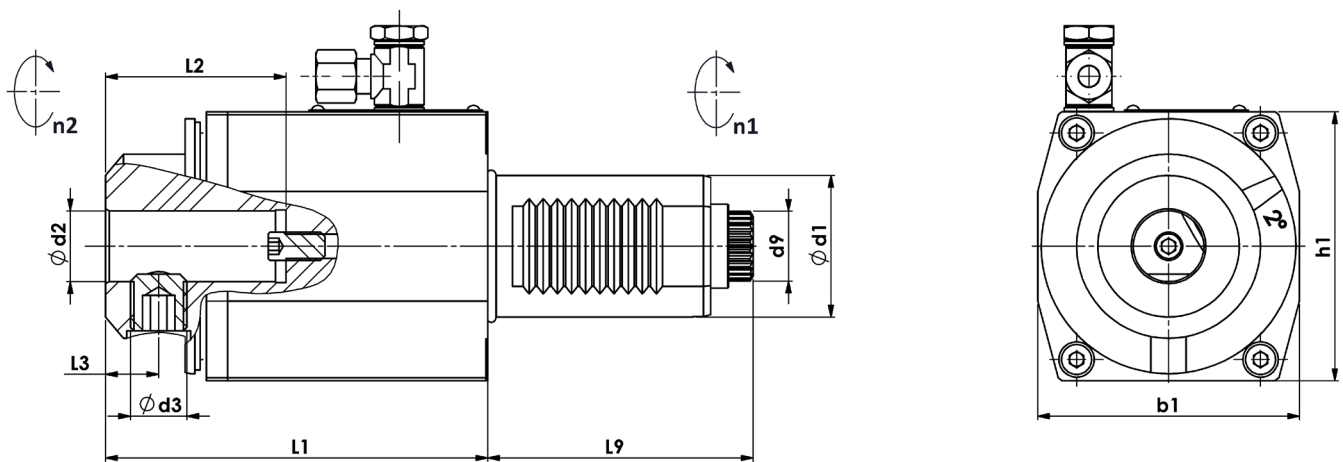
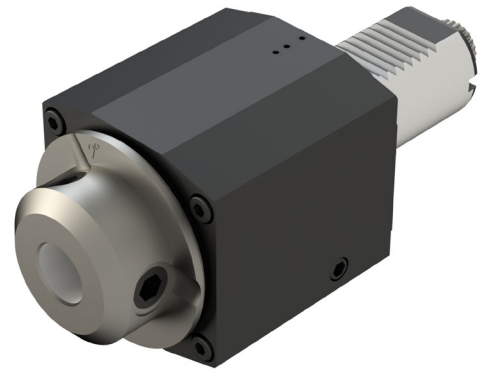


DIN 5480 SAUTER

VDI CLAMPING - DIN 69 880



WELDON CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

RADIAL DRILLING AND MILLING HEAD

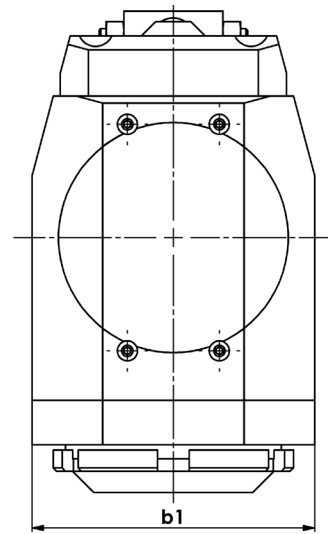
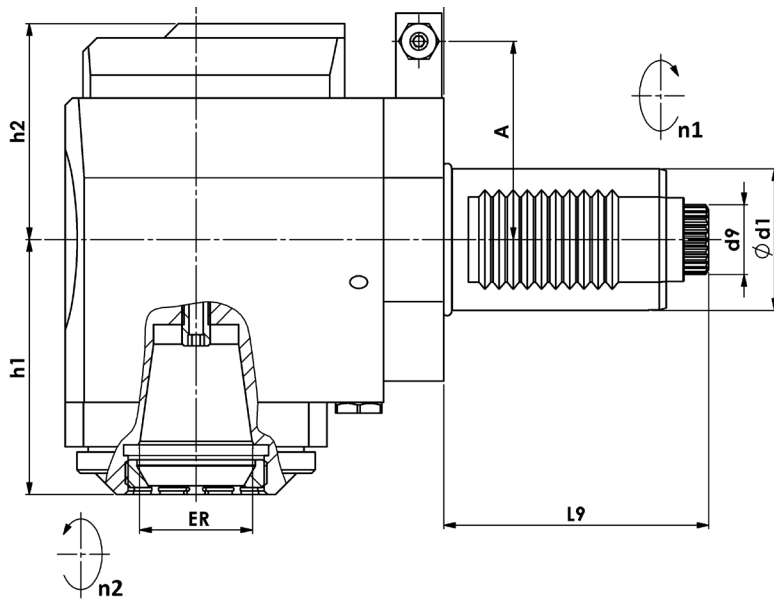
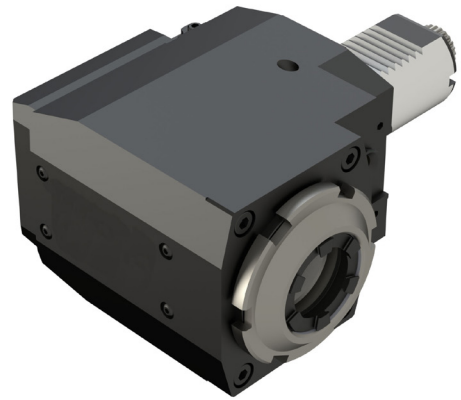


DIN 5480 SAUTER (DISC TURRET)

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R0.VDI40-50.E25HR-G	40	W20x0,8x30x24	80	70	56,5	70	75	56	25	1:1	63	5000	H
R0.VDI40-50.E25HR-IC-G	40	W20x0,8x30x24	80	70	61	70	75	56	25	1:1	63	5000	H
R0.VDI40-50.E25PR-G	40	W20x0,8x30x24	80	70	56,5	70	75	56	25	1:1	63	10000	P
R0.VDI40-50.E25PR-IC-G	40	W20x0,8x30x24	80	70	61	70	75	56	25	1:1	63	10000	P
R0.VDI40-50.E25PR-12-G	40	W20x0,8x30x24	80	70	56,5	70	75	56	25	1:2	25	10000	P
R0.VDI40-50.E25PR-IC-12-G	40	W20x0,8x30x24	80	70	61	70	75	56	25	1:2	25	10000	P
R0.VDI40-50.E32HR-G	40	W20x0,8x30x24	80	72	56,5	70	75	56	32	1:1	63	5000	H
R0.VDI40-50.E32HR-IC-G	40	W20x0,8x30x24	80	72	61	70	75	56	32	1:1	63	5000	H
R0.VDI40-50.E32PR-G	40	W20x0,8x30x24	80	72	56,5	70	75	56	32	1:1	63	10000	P
R0.VDI40-50.E32PR-IC-G	40	W20x0,8x30x24	80	72	61	70	75	56	32	1:1	63	10000	P
R0.VDI40-50.E32HR-21-G	40	W20x0,8x30x24	80	72	56,5	70	75	56	32	2:1	80	3000	H
R0.VDI40-50.E32HR-IC-21-G	40	W20x0,8x30x24	80	72	61	70	75	56	32	2:1	80	3000	H

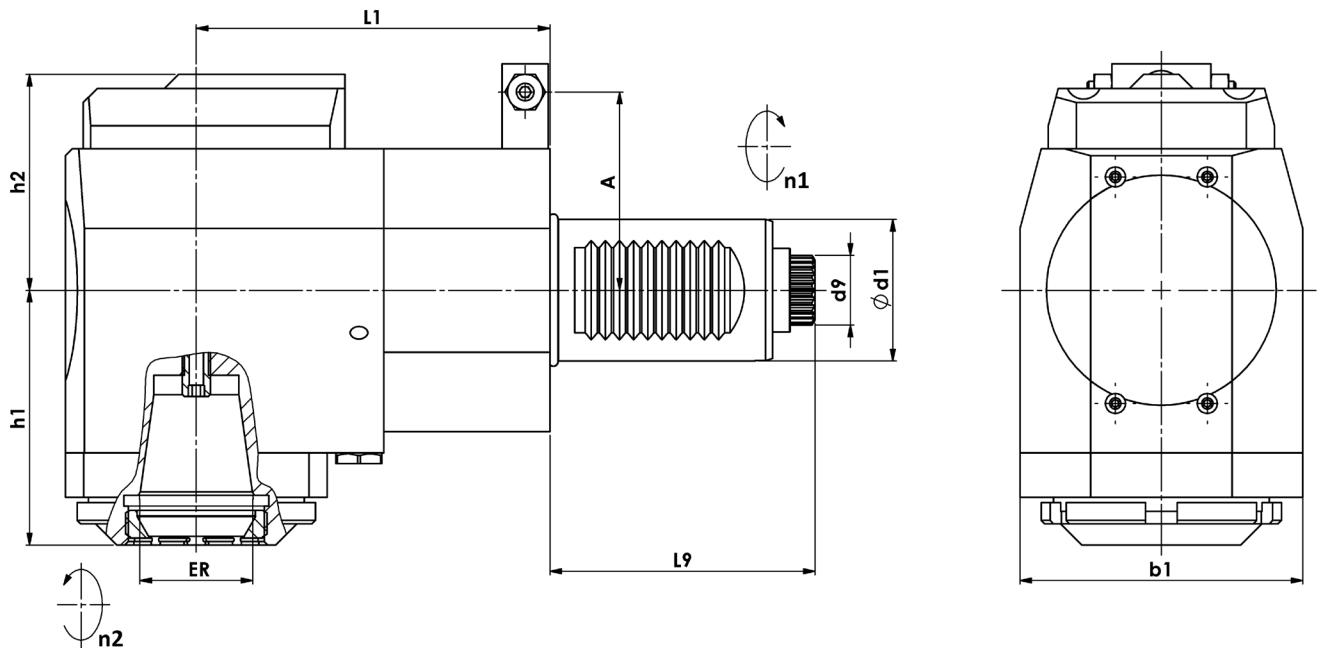
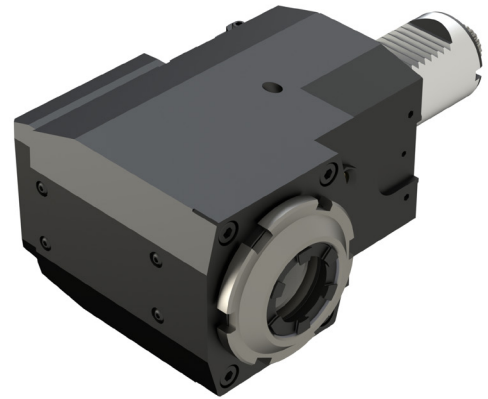
RADIAL DRILLING AND MILLING HEAD


DIN 5480 SAUTER (STAR TURRET)

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R0.VDI40-50B.E25HRL-G	40	W20x0,8x30x24	80	70	56,5	100	75	56	25	1:1	63	5000	H
R0.VDI40-50B.E25HRL-IC-G	40	W20x0,8x30x24	80	70	61	100	75	56	25	1:1	63	5000	H
R0.VDI40-50B.E25PRL-G	40	W20x0,8x30x24	80	70	56,5	100	75	56	25	1:1	63	10000	P
R0.VDI40-50B.E25PRL-IC-G	40	W20x0,8x30x24	80	70	61	100	75	56	25	1:1	63	10000	P
R0.VDI40-50B.E25PRL-12-G	40	W20x0,8x30x24	80	70	56,5	100	75	56	25	1:2	25	10000	P
R0.VDI40-50B.E25PRL-IC-12-G	40	W20x0,8x30x24	80	70	61	100	75	56	25	1:2	25	10000	P
R0.VDI40-50B.E32HRL-G	40	W20x0,8x30x24	80	72	56,5	100	75	56	32	1:1	63	5000	H
R0.VDI40-50B.E32HRL-IC-G	40	W20x0,8x30x24	80	72	61	100	75	56	32	1:1	63	5000	H
R0.VDI40-50B.E32PRL-G	40	W20x0,8x30x24	80	72	56,5	100	75	56	32	1:1	63	10000	P
R0.VDI40-50B.E32PRL-IC-G	40	W20x0,8x30x24	80	72	61	100	75	56	32	1:1	63	10000	P
R0.VDI40-50B.E32HRL-21-G	40	W20x0,8x30x24	80	72	56,5	100	75	56	32	2:1	80	3000	H
R0.VDI40-50B.E32HRL-IC-21-G	40	W20x0,8x30x24	80	72	61	100	75	56	32	2:1	80	3000	H

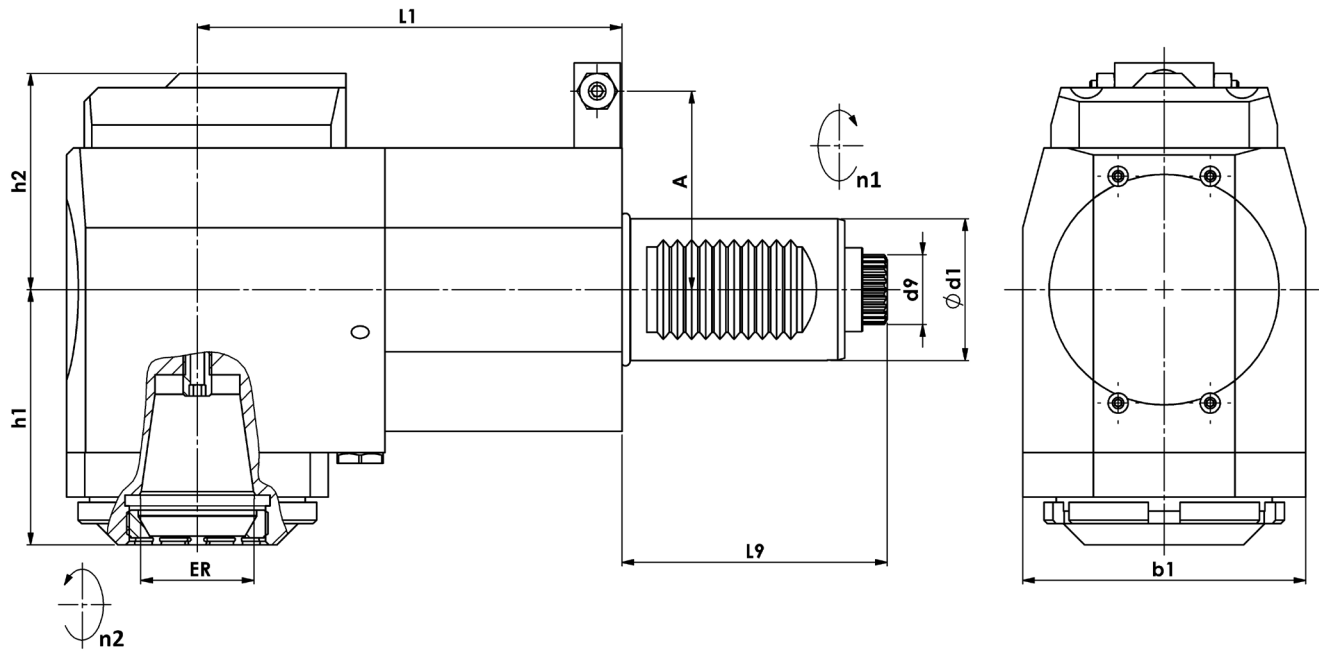
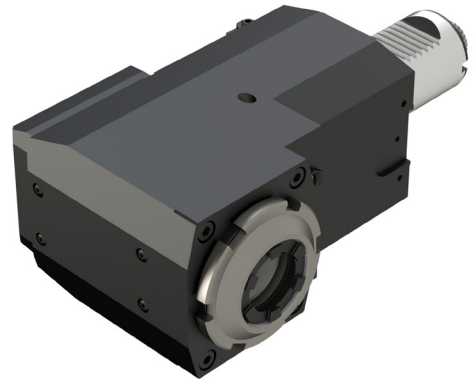
RADIAL DRILLING AND MILLING HEAD


DIN 5480 SAUTER (STAR TURRET)

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R0.VDI40-50C.E25HRL-G	40	W20x0,8x30x24	80	70	56,5	120	75	56	25	1:1	63	5000	H
R0.VDI40-50C.E25HRL-IC-G	40	W20x0,8x30x24	80	70	61	120	75	56	25	1:1	63	5000	H
R0.VDI40-50C.E25PRL-G	40	W20x0,8x30x24	80	70	56,5	120	75	56	25	1:1	63	10000	P
R0.VDI40-50C.E25PRL-IC-G	40	W20x0,8x30x24	80	70	61	120	75	56	25	1:1	63	10000	P
R0.VDI40-50C.E25PRL-12-G	40	W20x0,8x30x24	80	70	56,5	120	75	56	25	1:2	25	10000	P
R0.VDI40-50C.E25PRL-IC-12-G	40	W20x0,8x30x24	80	70	61	120	75	56	25	1:2	25	10000	P
R0.VDI40-50C.E32HRL-G	40	W20x0,8x30x24	80	72	56,5	120	75	56	32	1:1	63	5000	H
R0.VDI40-50C.E32HRL-IC-G	40	W20x0,8x30x24	80	72	61	120	75	56	32	1:1	63	5000	H
R0.VDI40-50C.E32PRL-G	40	W20x0,8x30x24	80	72	56,5	120	75	56	32	1:1	63	10000	P
R0.VDI40-50C.E32PRL-IC-G	40	W20x0,8x30x24	80	72	61	120	75	56	32	1:1	63	10000	P
R0.VDI40-50C.E32HRL-21-G	40	W20x0,8x30x24	80	72	56,5	120	75	56	32	2:1	80	3000	H
R0.VDI40-50C.E32HRL-IC-21-G	40	W20x0,8x30x24	80	72	61	120	75	56	32	2:1	80	3000	H

RADIAL DRILLING AND MILLING HEAD

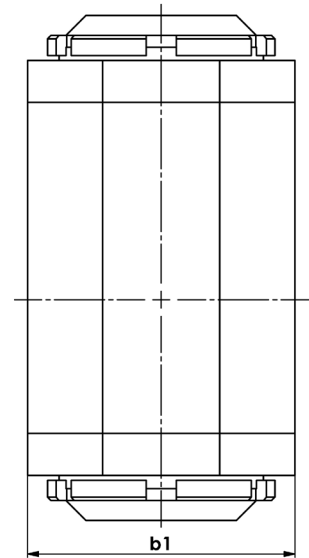
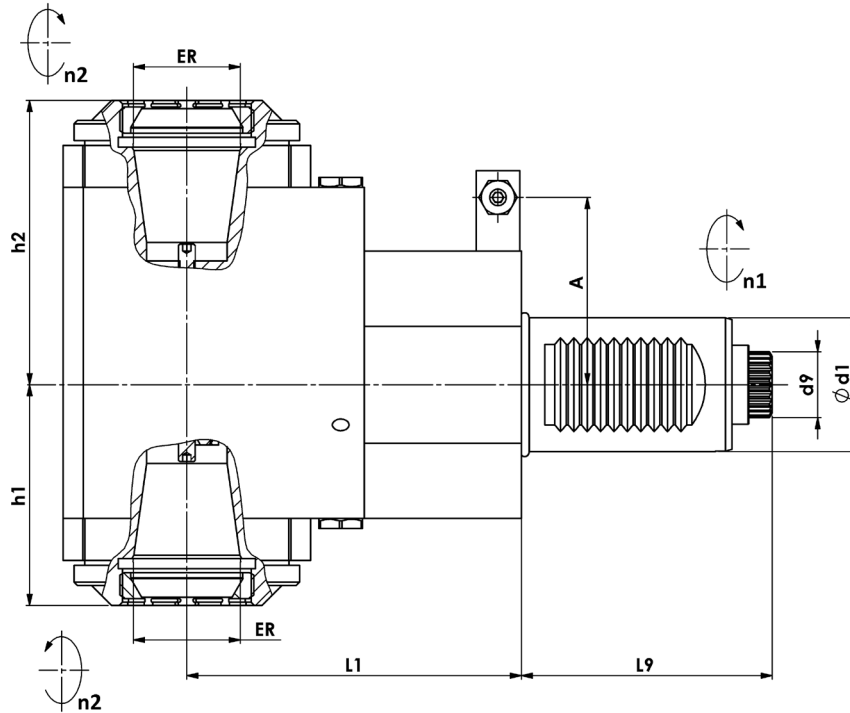
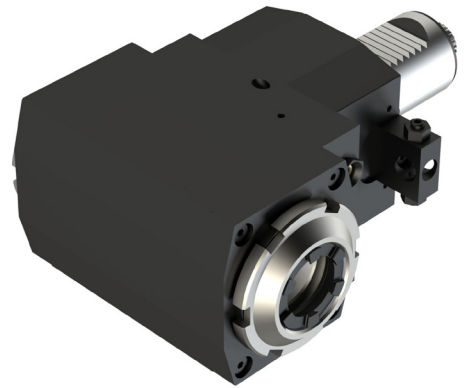


DIN 5480 SAUTER (STAR TURRET)

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R0.VDI40-50B.E32DHRL	40	W20x0,8x30x24	80	66	85	100	75	56	32	1:1	63	5000	H
R0.VDI40-50B.E32DPRL	40	W20x0,8x30x24	80	66	85	100	75	56	32	1:1	63	10000	P
R0.VDI40-50C.E32DHRL	40	W20x0,8x30x24	80	66	85	120	75	56	32	1:1	63	5000	H
R0.VDI40-50C.E32DPRL	40	W20x0,8x30x24	80	66	85	120	75	56	32	1:1	63	10000	P

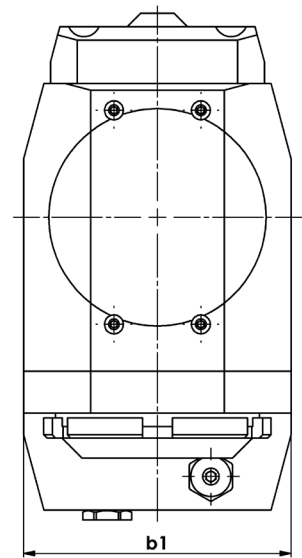
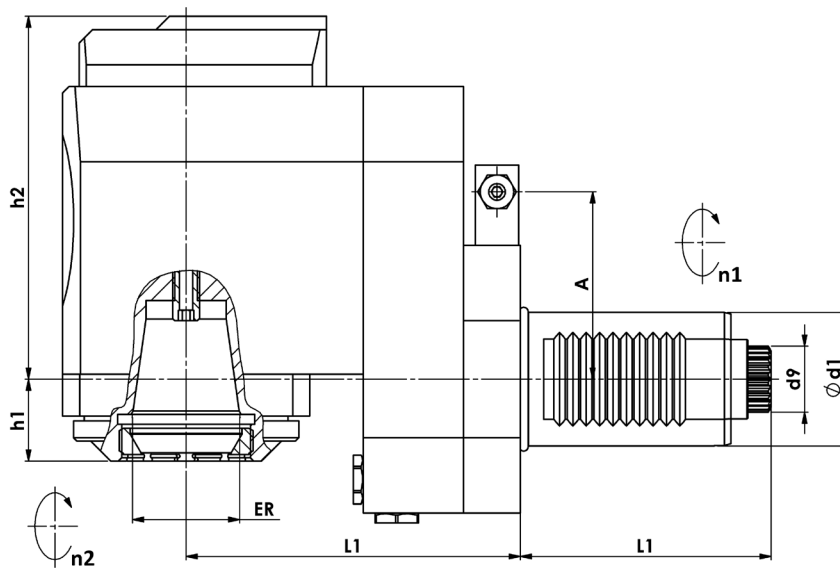
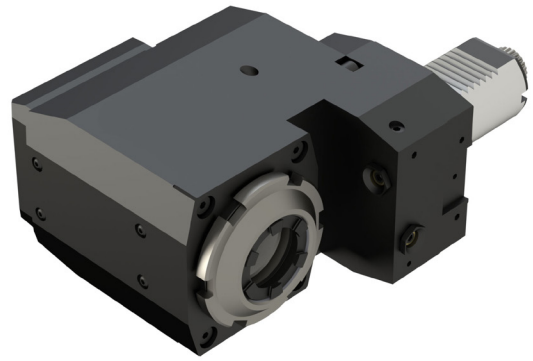
RADIAL DRILLING AND MILLING HEAD - OFFSET


DIN 5480 SAUTER (STAR TURRET)

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R1.VDI40-50B.E25HR	40	W20x0,8x30x24	80	22,5	104	100	75	56	25	1:1	63	5000	H
R1.VDI40-50B.E25HR-IC	40	W20x0,8x30x24	80	22,5	108,5	100	75	56	25	1:1	63	5000	H
R1.VDI40-50B.E25PR	40	W20x0,8x30x24	80	22,5	104	100	75	56	25	1:1	63	10000	P
R1.VDI40-50B.E25PR-IC	40	W20x0,8x30x24	80	22,5	108,5	100	75	56	25	1:1	63	10000	P
R1.VDI40-50B.E25PR-12	40	W20x0,8x30x24	80	22,5	104	100	75	56	25	1:2	25	10000	P
R1.VDI40-50B.E25PR-IC-12	40	W20x0,8x30x24	80	22,5	108,5	100	75	56	25	1:2	25	10000	P
R1.VDI40-50B.E32HR	40	W20x0,8x30x24	80	24,5	104	100	75	56	32	1:1	63	5000	H
R1.VDI40-50B.E32HR-IC	40	W20x0,8x30x24	80	24,5	108,5	100	75	56	32	1:1	63	5000	H
R1.VDI40-50B.E32PR	40	W20x0,8x30x24	80	24,5	104	100	75	56	32	1:1	63	10000	P
R1.VDI40-50B.E32PR-IC	40	W20x0,8x30x24	80	24,5	108,5	100	75	56	32	1:1	63	10000	P
R1.VDI40-50B.E32HR-21	40	W20x0,8x30x24	80	24,5	104	100	75	56	32	2:1	80	3000	H
R1.VDI40-50B.E32HR-IC-21	40	W20x0,8x30x24	80	24,5	108,5	100	75	56	32	2:1	80	3000	H

RADIAL DRILLING AND MILLING HEAD - OFFSET

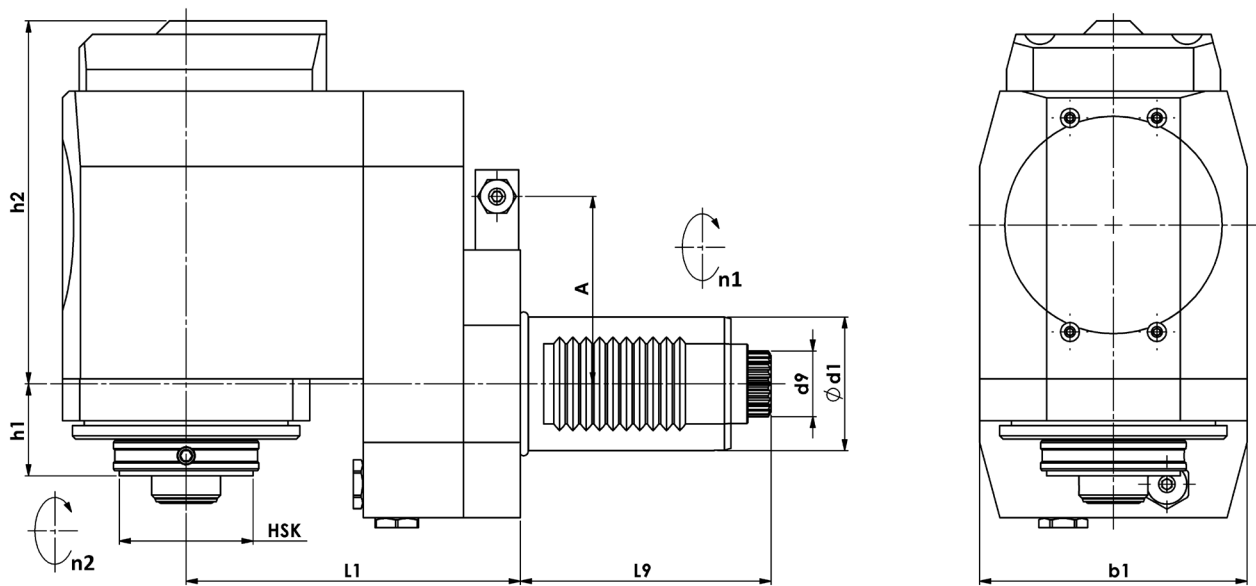
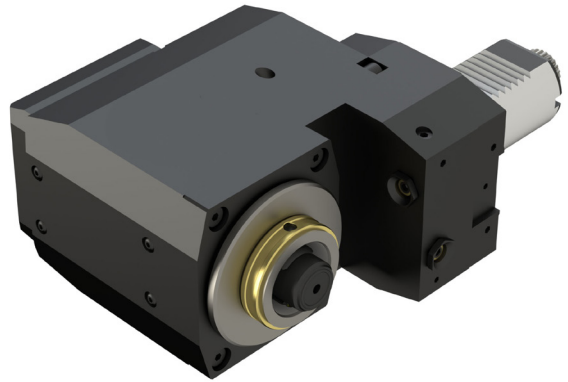


DIN 5480 SAUTER (STAR TURRET)

VDI CLAMPING - DIN 69 880



HSK CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD - DIN 5482

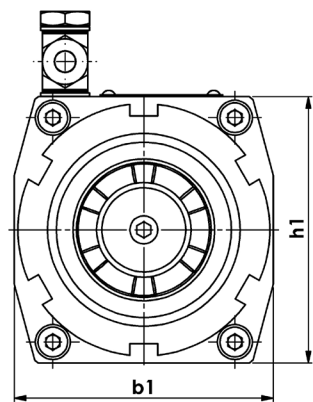
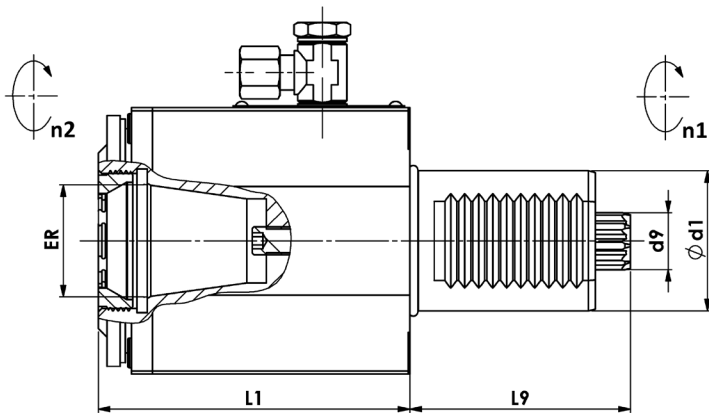
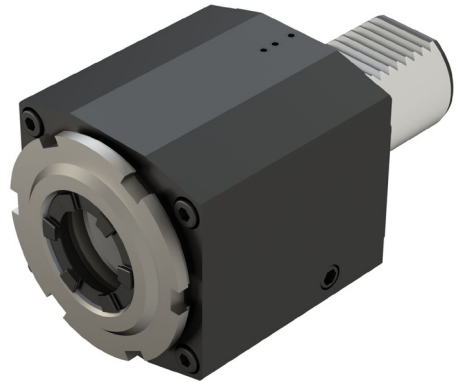


DIN 5480 SAUTER

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	L ₁	L ₉	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
A0.VDI30-52.E25H	30	B 15x12	67	67	88	55	25	1:1	32	6000	H
A0.VDI30-52.E25H-IC	30	B 15x12	67	67	88	55	25	1:1	32	6000	H
A0.VDI40-52.E25H	40	B 17x14	74	76	86	63	25	1:1	63	5000	H
A0.VDI40-52.E25H-IC	40	B 17x14	74	76	86	63	25	1:1	63	5000	H
A0.VDI40-52.E25H68	40	B 17x14	74	76	68	63	25	1:1	63	5000	H
A0.VDI40-52.E32H	40	B 17x14	74	76	89	63	32	1:1	63	5000	H
A0.VDI40-52.E32H-IC	40	B 17x14	74	76	89	63	32	1:1	63	5000	H
A0.VDI40-52.E32H71	40	B 17x14	74	76	71	63	32	1:1	63	5000	H
A0.VDI30-52.E25P	30	B 15x12	67	67	88	55	25	1:1	32	10000	P
A0.VDI30-52.E25P-IC	30	B 15x12	67	67	88	55	25	1:1	32	10000	P
A0.VDI40-52.E25P	40	B 17x14	74	76	86	63	25	1:1	63	10000	P
A0.VDI40-52.E25P-IC	40	B 17x14	74	76	86	63	25	1:1	63	10000	P
A0.VDI40-52.E25P68	40	B 17x14	74	76	68	63	25	1:1	63	10000	P
A0.VDI40-52.E32P	40	B 17x14	74	76	89	63	32	1:1	63	10000	P
A0.VDI40-52.E32P-IC	40	B 17x14	74	76	89	63	32	1:1	63	10000	P
A0.VDI40-52.E32P71	40	B 17x14	74	76	71	63	32	1:1	63	10000	P

AXIAL DRILLING AND MILLING HEAD

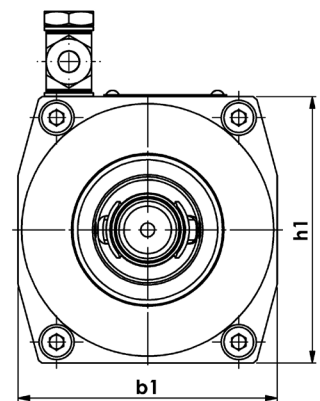
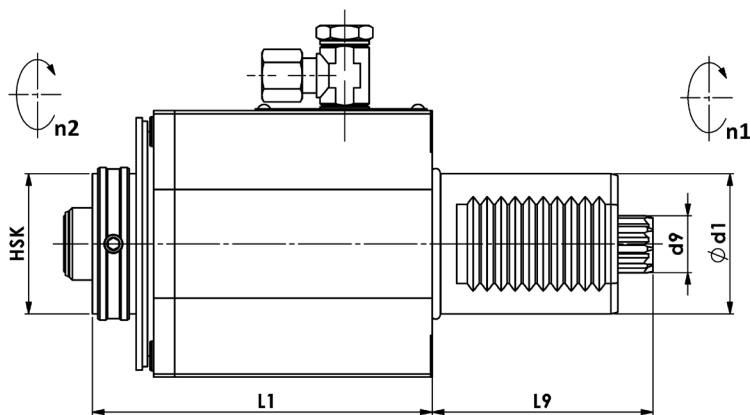
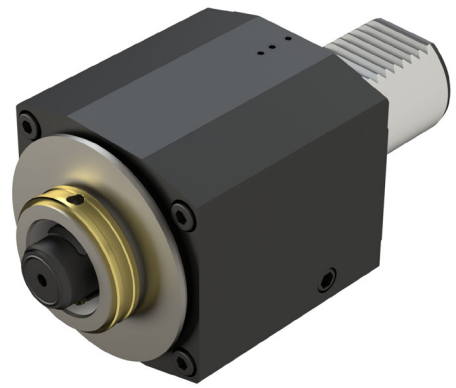


DIN 5482 SAUTER

VDI CLAMPING - DIN 69 880



HSK CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

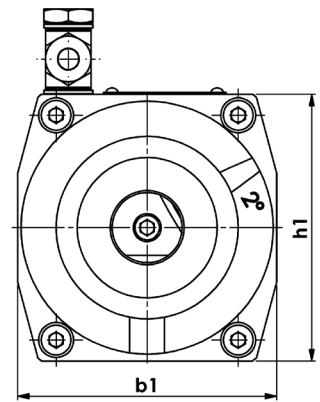
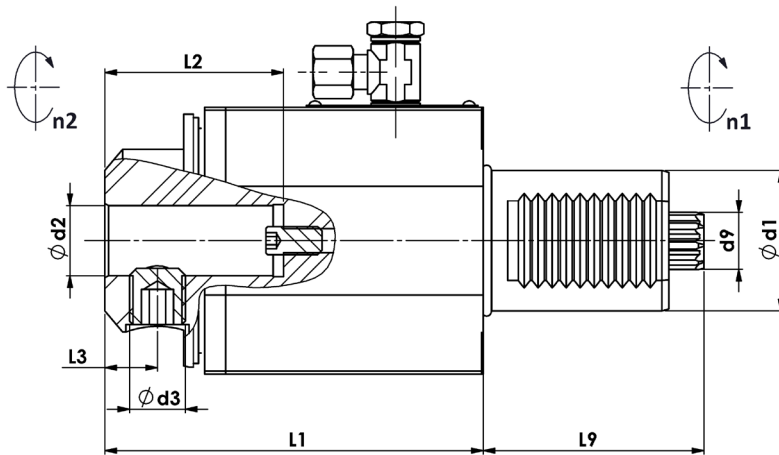
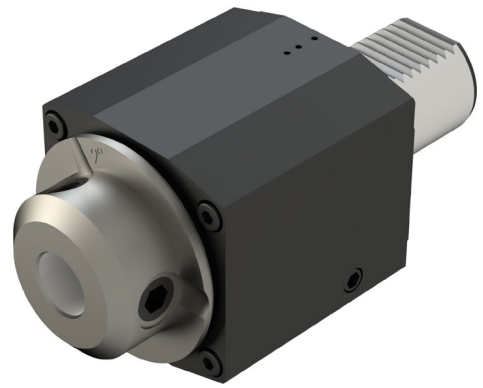


DIN 5482 SAUTER

VDI CLAMPING - DIN 69 880



WELDON CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

RADIAL DRILLING AND MILLING HEAD

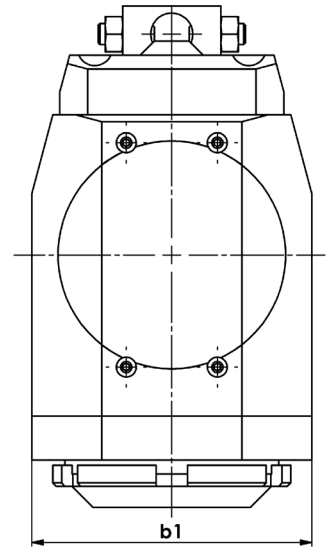
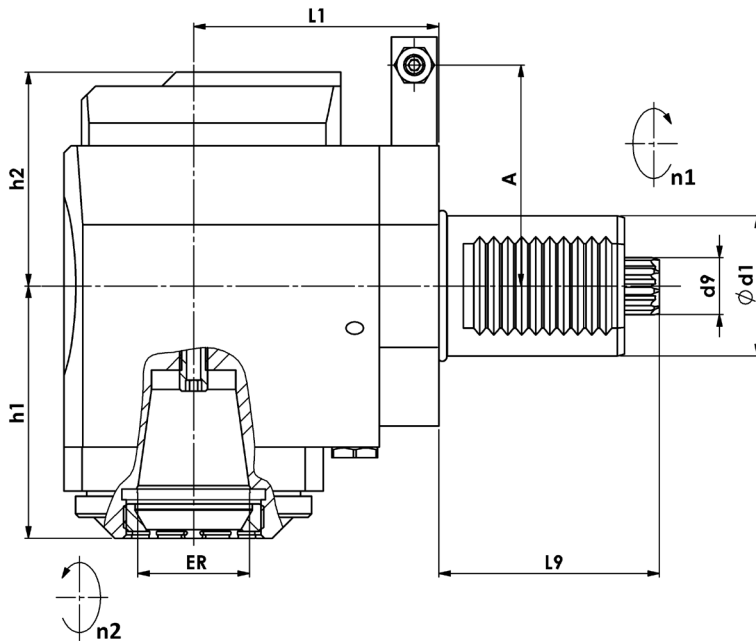
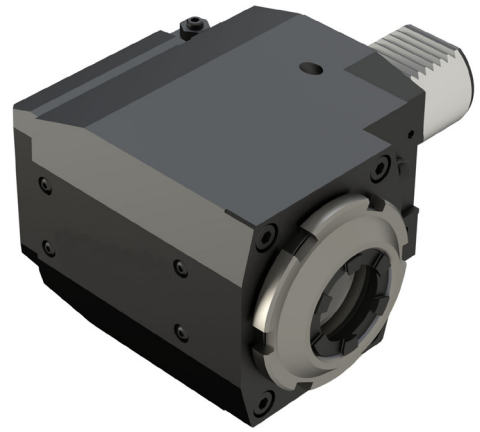


DIN 5482 SAUTER

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R0.VDI40-52.E25HR-G	40	B 17x14	80	70	56,5	70	63	63	25	1:1	63	5000	H
R0.VDI40-52.E25HR-IC-G	40	B 17x14	80	70	61	70	63	63	25	1:1	63	5000	H
R0.VDI40-52.E25PR-G	40	B 17x14	80	70	56,5	70	63	63	25	1:1	63	10000	P
R0.VDI40-52.E25PR-IC-G	40	B 17x14	80	70	61	70	63	63	25	1:1	63	10000	P
R0.VDI40-52.E25PR-12-G	40	B 17x14	80	70	56,5	70	63	63	25	1:2	25	10000	P
R0.VDI40-52.E25PR-IC-12-G	40	B 17x14	80	70	61	70	63	63	25	1:2	25	10000	P
R0.VDI40-52.E32HR-G	40	B 17x14	80	72	56,5	70	63	63	32	1:1	63	5000	H
R0.VDI40-52.E32HR-IC-G	40	B 17x14	80	72	61	70	63	63	32	1:1	63	5000	H
R0.VDI40-52.E32PR-G	40	B 17x14	80	72	56,5	70	63	63	32	1:1	63	10000	P
R0.VDI40-52.E32PR-IC-G	40	B 17x14	80	72	61	70	63	63	32	1:1	63	10000	P
R0.VDI40-52.E32HR-21-G	40	B 17x14	80	72	56,5	70	63	63	32	2:1	80	3000	H
R0.VDI40-52.E32HR-IC-21-G	40	B 17x14	80	72	61	70	63	63	32	2:1	80	3000	H

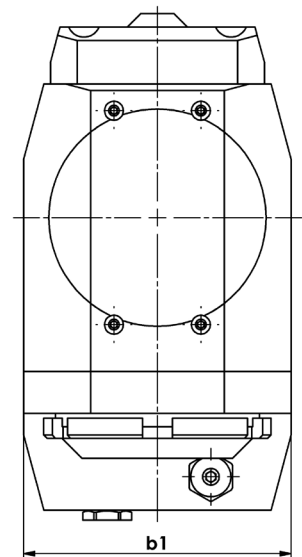
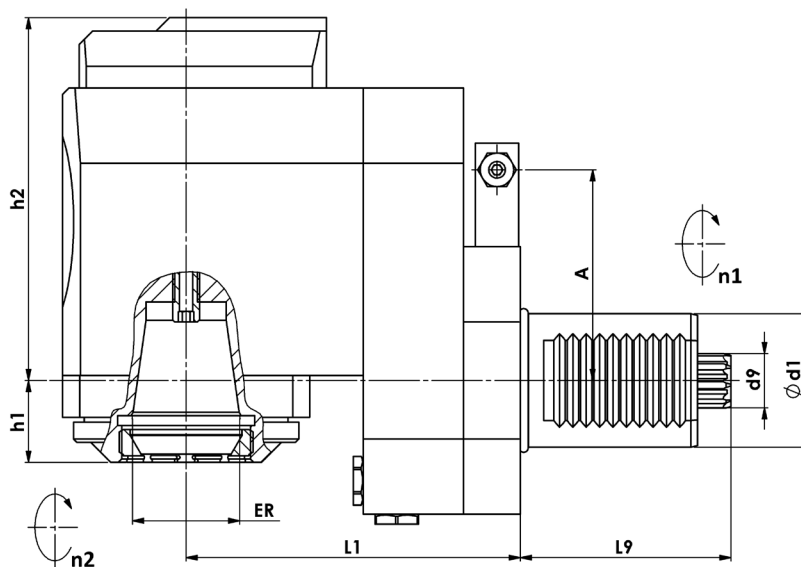
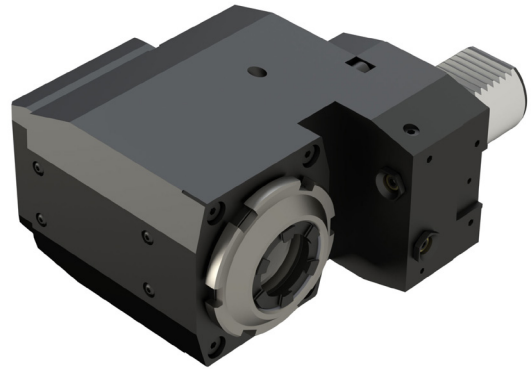
RADIAL DRILLING AND MILLING HEAD - OFFSET


DIN 5482 SAUTER

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R1.VDI40-52.E25HR	40	B 17x14	80	22,5	104	100	63	63	25	1:1	63	5000	H
R1.VDI40-52.E25HR-IC	40	B 17x14	80	22,5	108,5	100	63	63	25	1:1	63	5000	H
R1.VDI40-52.E25PR	40	B 17x14	80	22,5	104	100	63	63	25	1:1	63	10000	P
R1.VDI40-52.E25PR-IC	40	B 17x14	80	22,5	108,5	100	63	63	25	1:1	63	10000	P
R1.VDI40-52.E25PR-12	40	B 17x14	80	22,5	104	100	63	63	25	1:2	25	10000	P
R1.VDI40-52.E25PR-IC-12	40	B 17x14	80	22,5	108,5	100	63	63	25	1:2	25	10000	P
R1.VDI40-52.E32HR	40	B 17x14	80	24,5	104	100	63	63	32	1:1	63	5000	H
R1.VDI40-52.E32HR-IC	40	B 17x14	80	24,5	108,5	100	63	63	32	1:1	63	5000	H
R1.VDI40-52.E32PR	40	B 17x14	80	24,5	104	100	63	63	32	1:1	63	10000	P
R1.VDI40-52.E32PR-IC	40	B 17x14	80	24,5	108,5	100	63	63	32	1:1	63	10000	P
R1.VDI40-52.E32HR-21	40	B 17x14	80	24,5	104	100	63	63	32	2:1	80	3000	H
R1.VDI40-52.E32HR-IC-21	40	B 17x14	80	24,5	108,5	100	63	63	32	2:1	80	3000	H

RADIAL DRILLING AND MILLING HEAD - OFFSET

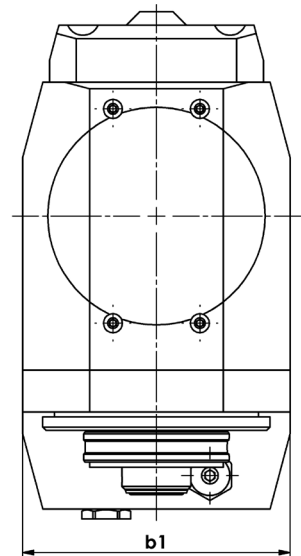
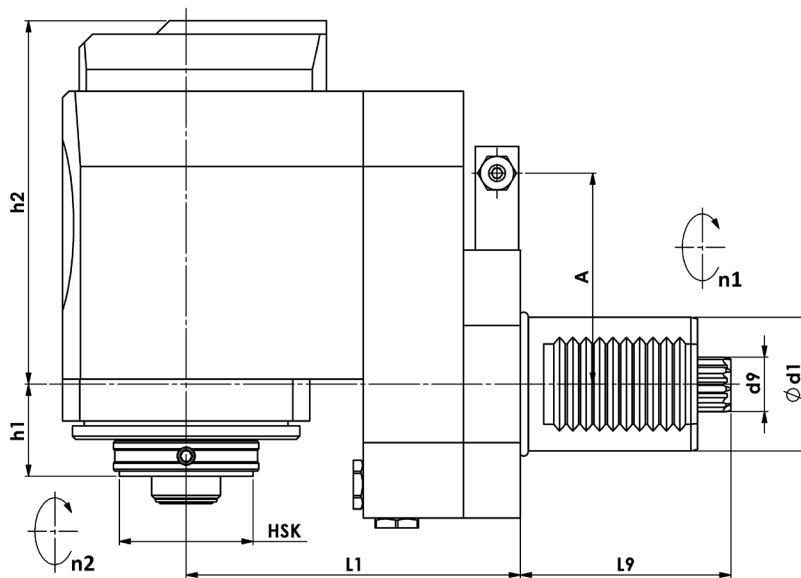
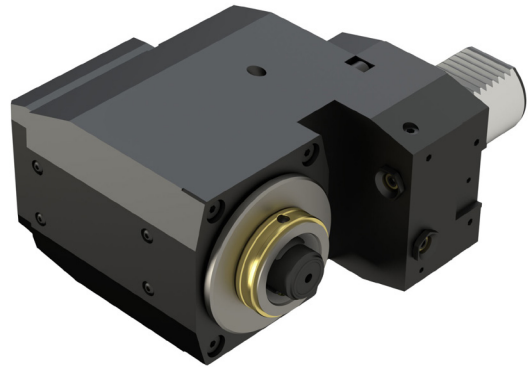


DIN 5482 SAUTER

VDI CLAMPING - DIN 69 880



HSK CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

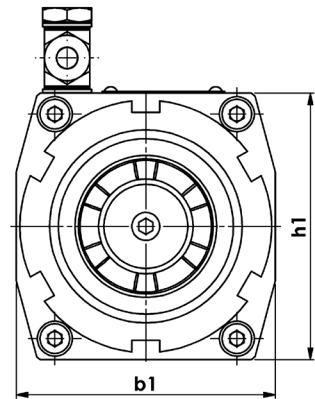
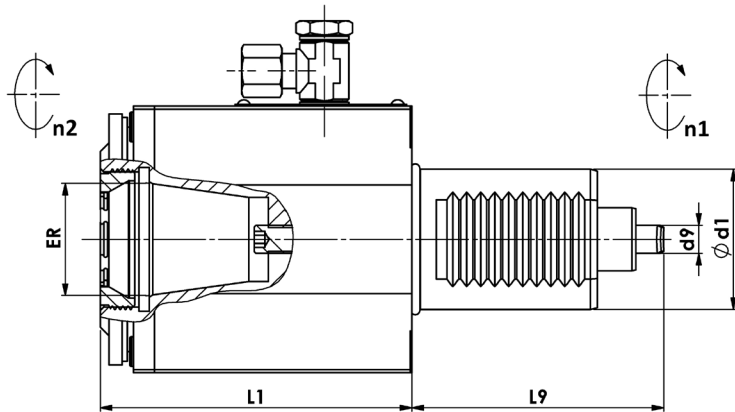
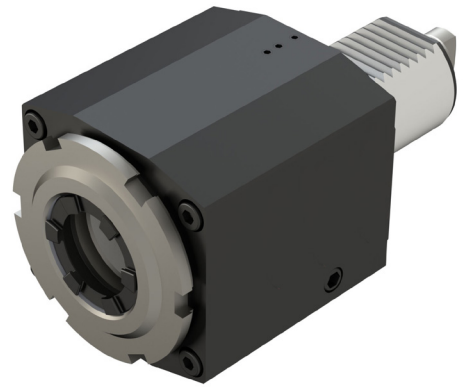


DIN 1809 DUPLOMATIC

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	L ₁	L ₉	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
A0.VDI30-19.E25H	30	6	67	67	88	62	25	1:1	32	6000	H
A0.VDI30-19.E25H-IC	30	6	67	67	88	62	25	1:1	32	6000	H
A0.VDI40-19.E25H	40	8	74	76	86	72	25	1:1	63	5000	H
A0.VDI40-19.E25H-IC	40	8	74	76	86	72	25	1:1	63	5000	H
A0.VDI40-19.E25H68	40	8	74	76	68	72	25	1:1	63	5000	H
A0.VDI40-19.E32H	40	8	74	76	89	72	32	1:1	63	5000	H
A0.VDI40-19.E32H-IC	40	8	74	76	89	72	32	1:1	63	5000	H
A0.VDI40-19.E32H71	40	8	74	76	71	72	32	1:1	63	5000	H
A0.VDI30-19.E25P	30	6	67	67	88	62	25	1:1	32	10000	P
A0.VDI30-19.E25P-IC	30	6	67	67	88	62	25	1:1	32	10000	P
A0.VDI40-19.E25P	40	8	74	76	86	72	25	1:1	63	10000	P
A0.VDI40-19.E25P-IC	40	8	74	76	86	72	25	1:1	63	10000	P
A0.VDI40-19.E25P68	40	8	74	76	68	72	25	1:1	63	10000	P
A0.VDI40-19.E32P	40	8	74	76	89	72	32	1:1	63	10000	P
A0.VDI40-19.E32P-IC	40	8	74	76	89	72	32	1:1	63	10000	P
A0.VDI40-19.E32P71	40	8	74	76	71	72	32	1:1	63	10000	P

AXIAL DRILLING AND MILLING HEAD

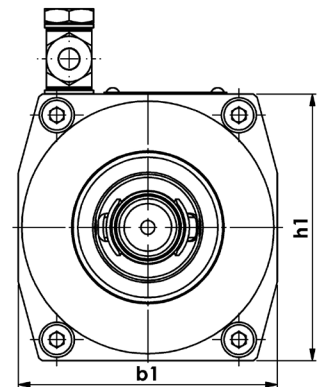
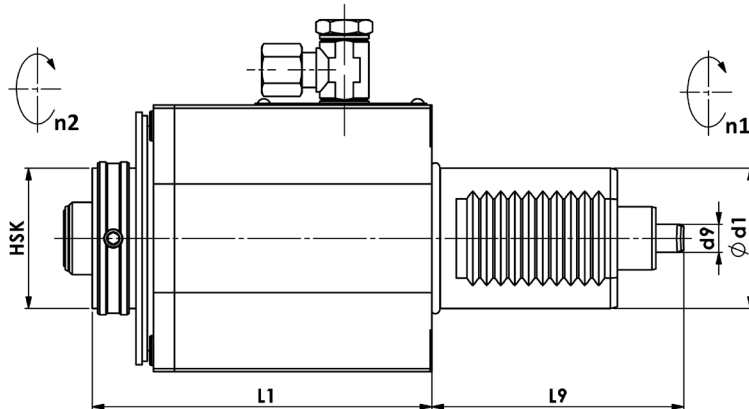
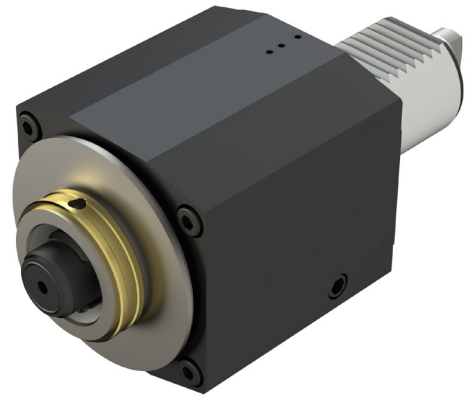


DIN 1809 DUPLOMATIC

VDI CLAMPING - DIN 69 880



HSK CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

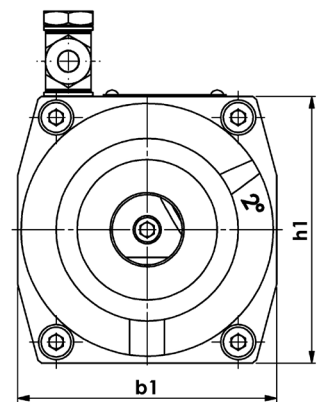
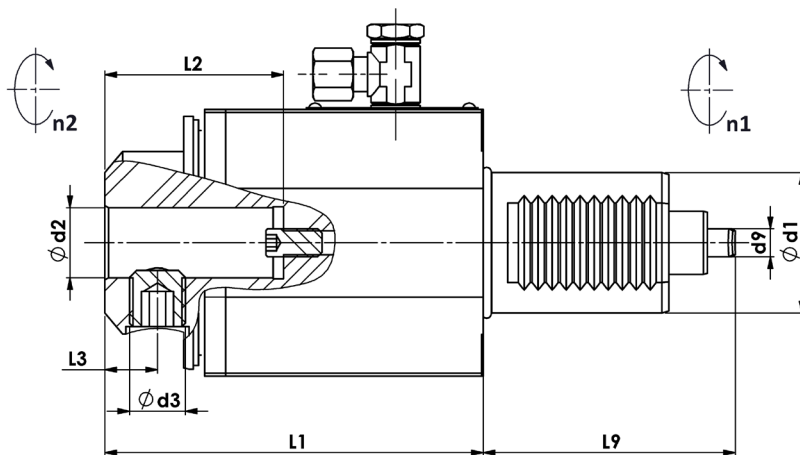
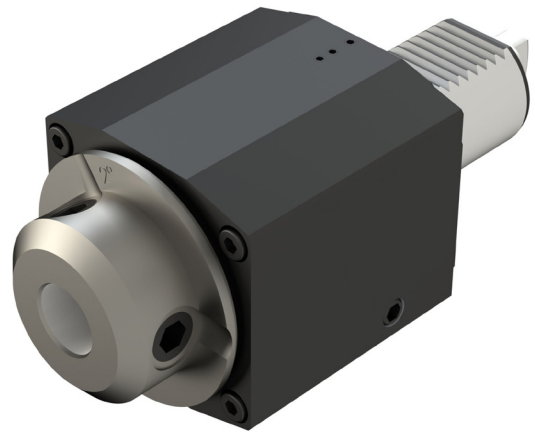


DIN 1809 DUPLOMATIC

VDI CLAMPING - DIN 69 880



WELDON CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

RADIAL DRILLING AND MILLING HEAD

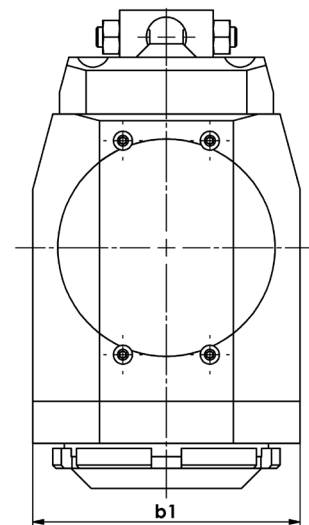
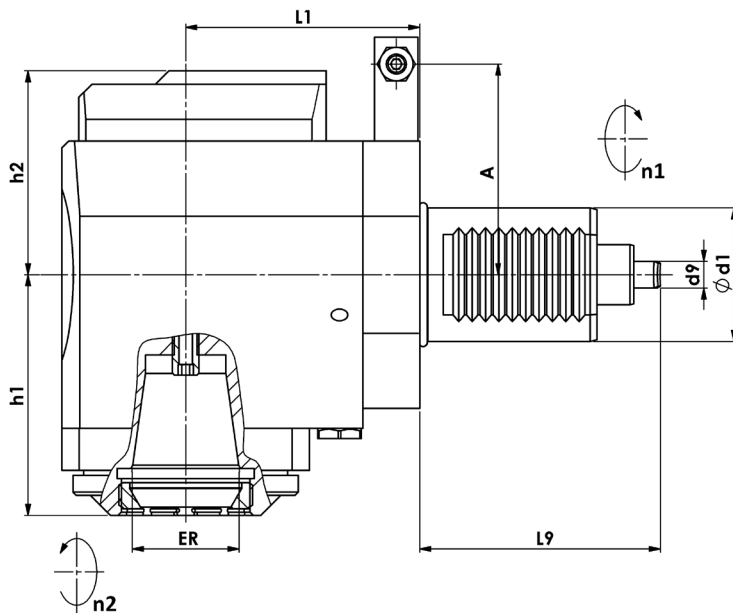
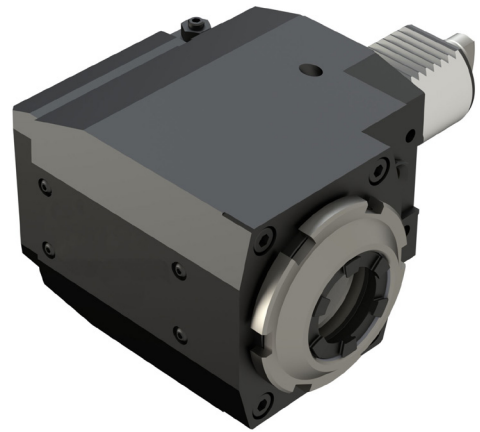


DIN 1809 DUPLOMATIC

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R0.VDI40-19.E25HR-G	40	8	80	70	56,5	70	72	63	25	1:1	63	5000	H
R0.VDI40-19.E25HR-IC-G	40	8	80	70	61	70	72	63	25	1:1	63	5000	H
R0.VDI40-19.E25PR-G	40	8	80	70	56,5	70	72	63	25	1:1	63	10000	P
R0.VDI40-19.E25PR-IC-G	40	8	80	70	61	70	72	63	25	1:1	63	10000	P
R0.VDI40-19.E25PR-12-G	40	8	80	70	56,5	70	72	63	25	1:2	25	10000	P
R0.VDI40-19.E25PR-IC-12-G	40	8	80	70	61	70	72	63	25	1:2	25	10000	P
R0.VDI40-19.E32HR-G	40	8	80	72	56,5	70	72	63	32	1:1	63	5000	H
R0.VDI40-19.E32HR-IC-G	40	8	80	72	61	70	72	63	32	1:1	63	5000	H
R0.VDI40-19.E32PR-G	40	8	80	72	56,5	70	72	63	32	1:1	63	10000	P
R0.VDI40-19.E32PR-IC-G	40	8	80	72	61	70	72	63	32	1:1	63	10000	P
R0.VDI40-19.E32HR-21-G	40	8	80	72	56,5	70	72	63	32	2:1	80	3000	H
R0.VDI40-19.E32HR-IC-21-G	40	8	80	72	61	70	72	63	32	2:1	80	3000	H

RADIAL DRILLING AND MILLING HEAD - OFFSET

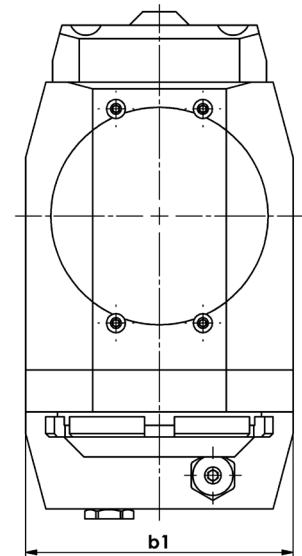
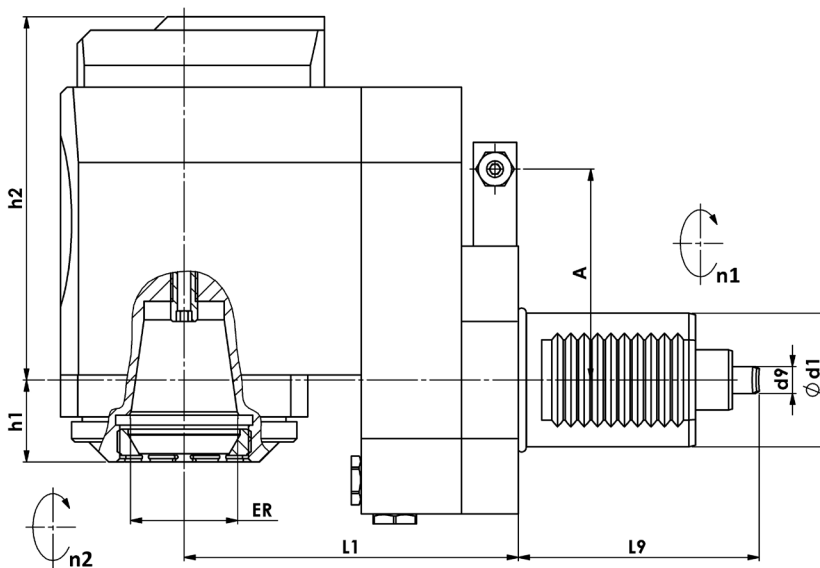
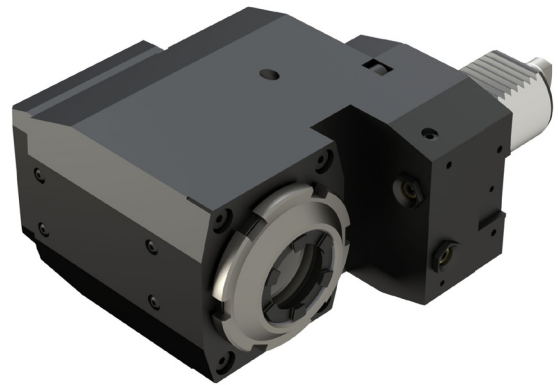


DIN 1809 DUPLOMATIC

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R1.VDI40-19.E25HR	40	8	80	22,5	104	100	72	63	25	1:1	63	5000	H
R1.VDI40-19.E25HR-IC	40	8	80	22,5	108,5	100	72	63	25	1:1	63	5000	H
R1.VDI40-19.E25PR	40	8	80	22,5	104	100	72	63	25	1:1	63	10000	P
R1.VDI40-19.E25PR-IC	40	8	80	22,5	108,5	100	72	63	25	1:1	63	10000	P
R1.VDI40-19.E25PR-12	40	8	80	22,5	104	100	72	63	25	1:2	25	10000	P
R1.VDI40-19.E25PR-IC-12	40	8	80	22,5	108,5	100	72	63	25	1:2	25	10000	P
R1.VDI40-19.E32HR	40	8	80	24,5	104	100	72	63	32	1:1	63	5000	H
R1.VDI40-19.E32HR-IC	40	8	80	24,5	108,5	100	72	63	32	1:1	63	5000	H
R1.VDI40-19.E32PR	40	8	80	24,5	104	100	72	63	32	1:1	63	10000	P
R1.VDI40-19.E32PR-IC	40	8	80	24,5	108,5	100	72	63	32	1:1	63	10000	P
R1.VDI40-19.E32HR-21	40	8	80	24,5	104	100	72	63	32	2:1	80	3000	H
R1.VDI40-19.E32HR-IC-21	40	8	80	24,5	108,5	100	72	63	32	2:1	80	3000	H

RADIAL DRILLING AND MILLING HEAD - OFFSET

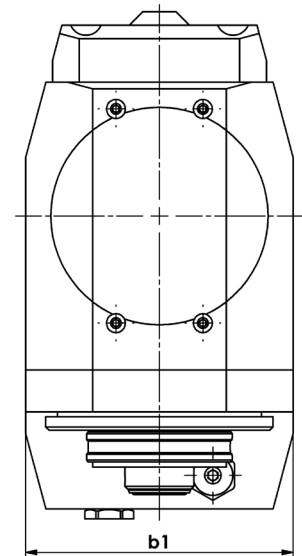
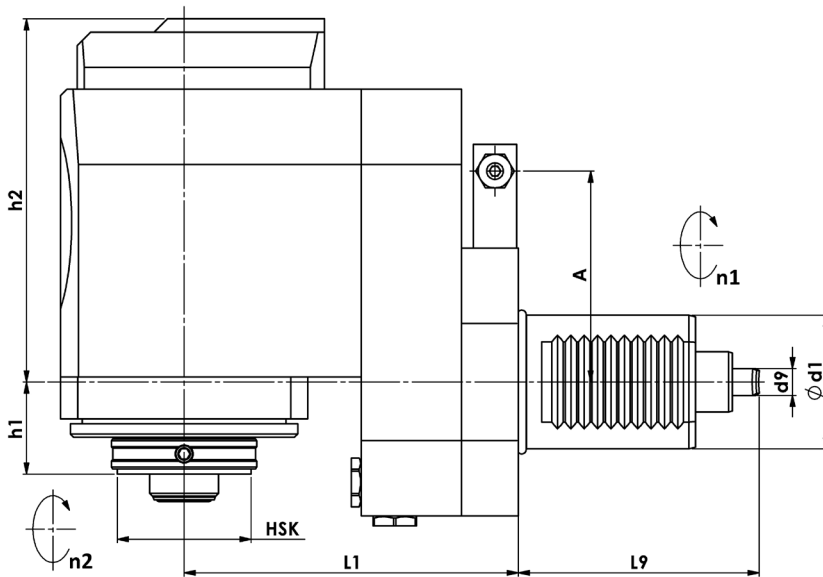
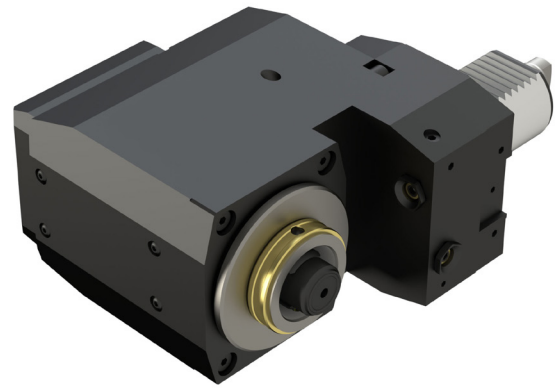


DIN 1809 DUPLOMATIC

VDI CLAMPING - DIN 69 880



HSK CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

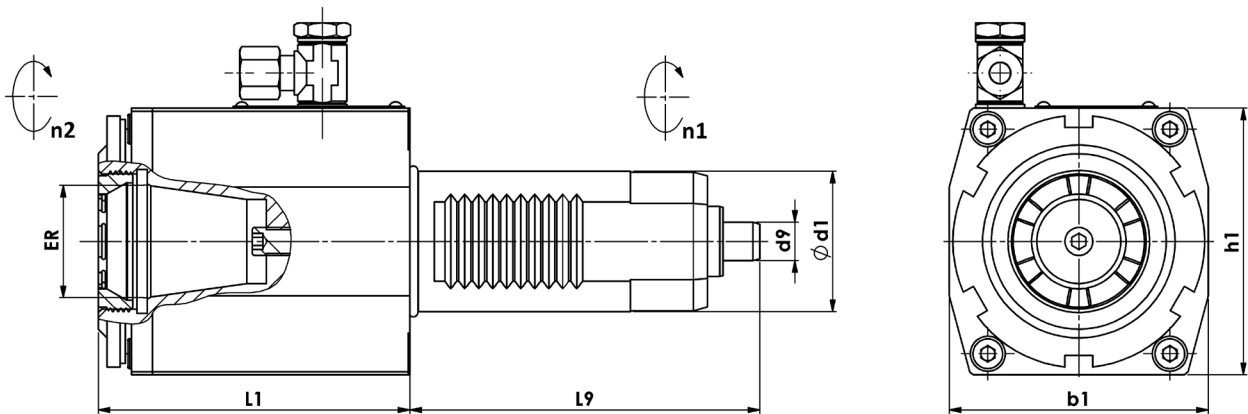
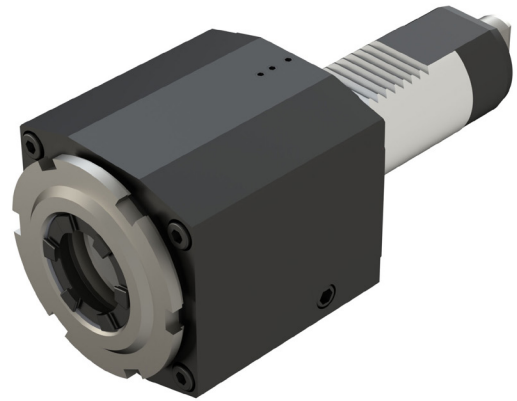


EMAG

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	L ₁	L ₉	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
A0.VDI40-EG10.E25H	40	11	74	76	86	100	25	1:1	63	5000	H
A0.VDI40-EG10.E25H-IC	40	11	74	76	86	100	25	1:1	63	5000	H
A0.VDI40-EG10.E25H68	40	11	74	76	68	100	25	1:1	63	5000	H
A0.VDI40-EG10.E32H	40	11	74	76	89	100	32	1:1	63	5000	H
A0.VDI40-EG10.E32H-IC	40	11	74	76	89	100	32	1:1	63	5000	H
A0.VDI40-EG10.E32H71	40	11	74	76	71	100	32	1:1	63	5000	H
A0.VDI40-EG10.E25P	40	11	74	76	86	100	25	1:1	63	10000	P
A0.VDI40-EG10.E25P-IC	40	11	74	76	86	100	25	1:1	63	10000	P
A0.VDI40-EG10.E25P68	40	11	74	76	68	100	25	1:1	63	10000	P
A0.VDI40-EG10.E32P	40	11	74	76	89	100	32	1:1	63	10000	P
A0.VDI40-EG10.E32P-IC	40	11	74	76	89	100	32	1:1	63	10000	P
A0.VDI40-EG10.E32P71	40	11	74	76	71	100	32	1:1	63	10000	P

AXIAL DRILLING AND MILLING HEAD

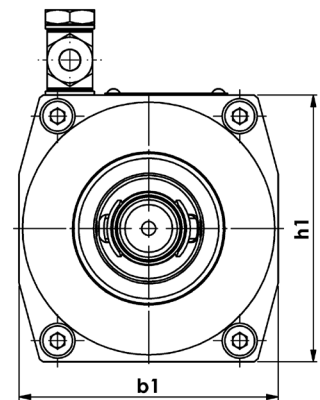
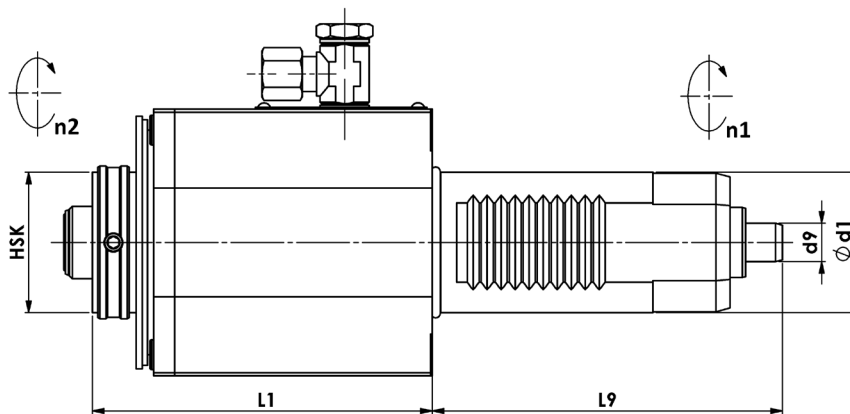
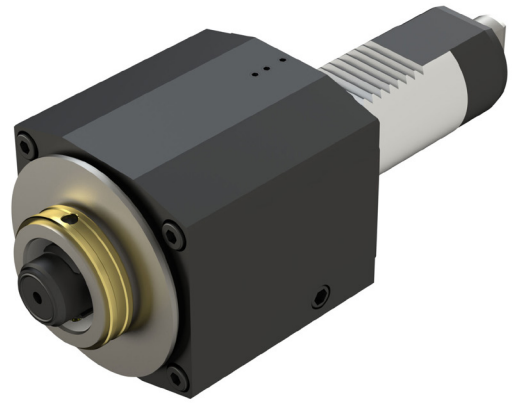


EMAG

VDI CLAMPING - DIN 69 880



HSK CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

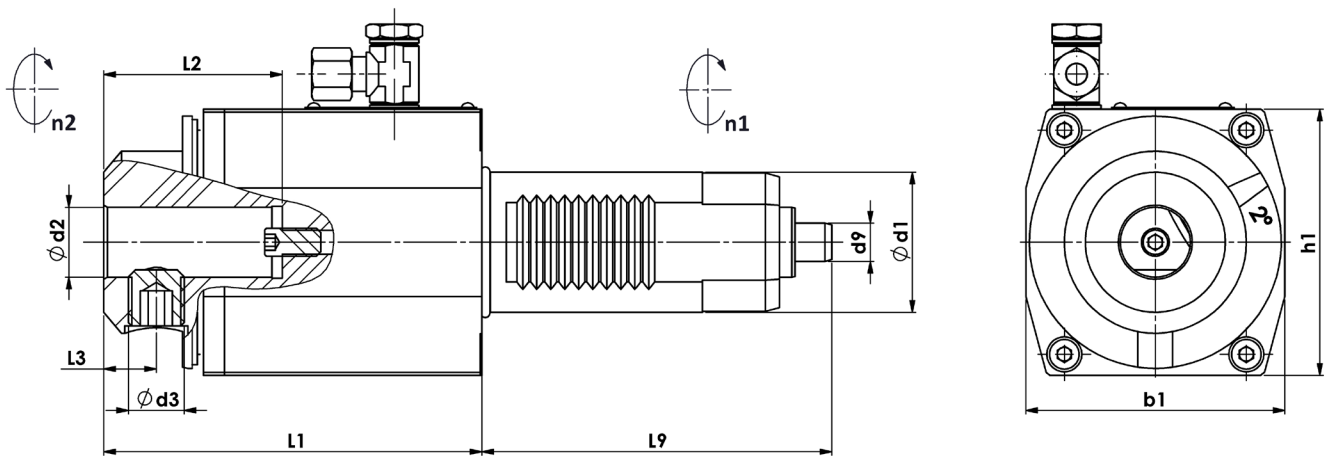
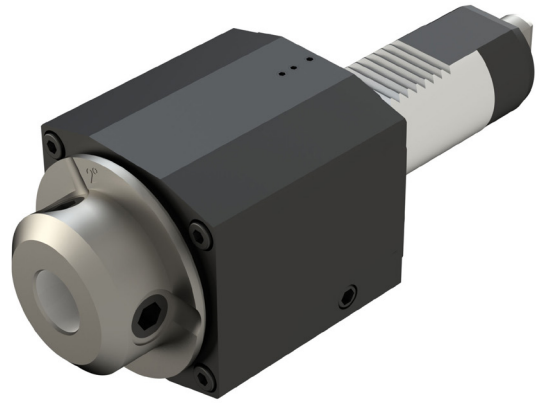


EMAG

VDI CLAMPING - DIN 69 880



WELDON CLAMPING



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

RADIAL DRILLING AND MILLING HEAD

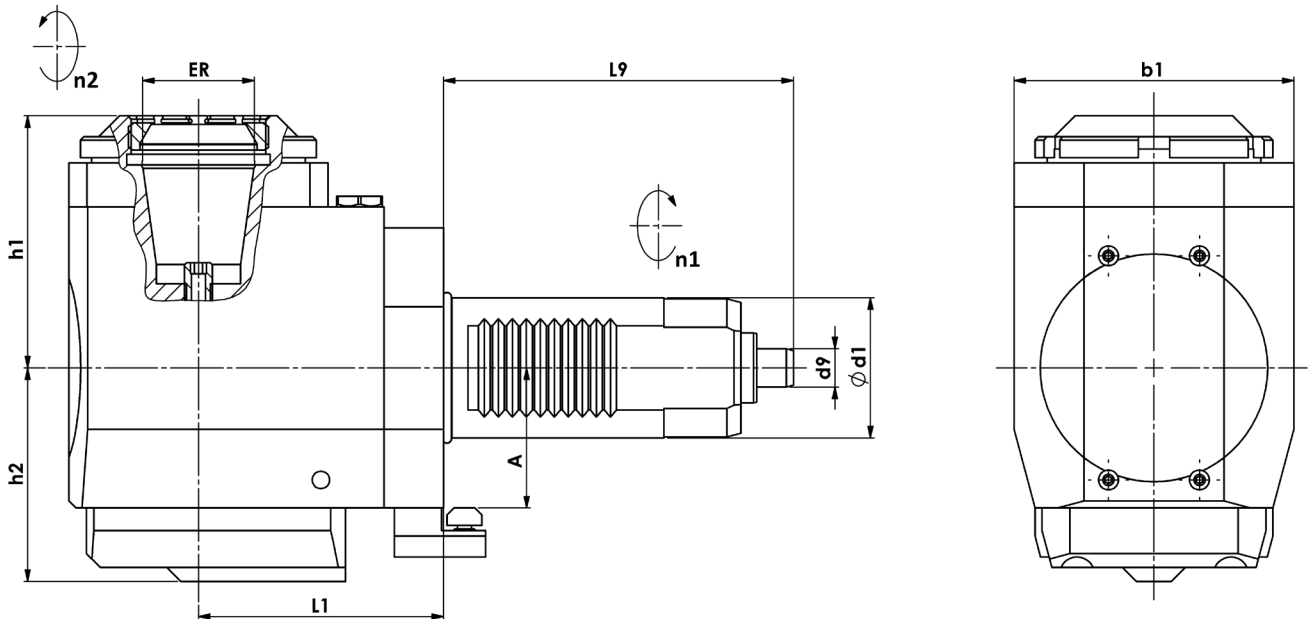
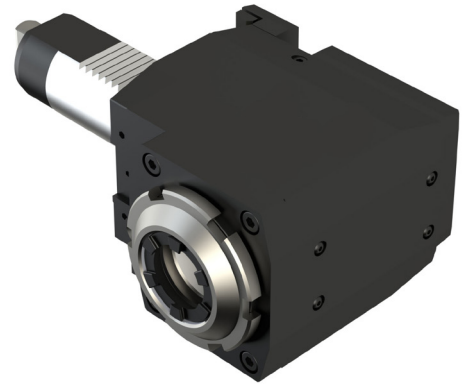


EMAG

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R0.VDI40-EG10.E25HL-G	40	11	80	70	56,5	70	100	40	25	1:1	63	5000	H
R0.VDI40-EG10.E25HL-IC-G	40	11	80	70	61	70	100	40	25	1:1	63	5000	H
R0.VDI40-EG10.E25PL-G	40	11	80	70	56,5	70	100	40	25	1:1	63	10000	P
R0.VDI40-EG10.E25PL-IC-G	40	11	80	70	61	70	100	40	25	1:1	63	10000	P
R0.VDI40-EG10.E25PL-12-G	40	11	80	70	56,5	70	100	40	25	1:2	25	10000	P
R0.VDI40-EG10.E25PL-IC-12-G	40	11	80	70	61	70	100	40	25	1:2	25	10000	P
R0.VDI40-EG10.E32HL-G	40	11	80	72	56,5	70	100	40	32	1:1	63	5000	H
R0.VDI40-EG10.E32HL-IC-G	40	11	80	72	61	70	100	40	32	1:1	63	5000	H
R0.VDI40-EG10.E32PL-G	40	11	80	72	56,5	70	100	40	32	1:1	63	10000	P
R0.VDI40-EG10.E32PL-IC-G	40	11	80	72	61	70	100	40	32	1:1	63	10000	P
R0.VDI40-EG10.E32HL-21-G	40	11	80	72	56,5	70	100	40	32	2:1	80	3000	H
R0.VDI40-EG10.E32HL-IC-21-G	40	11	80	72	61	70	100	40	32	2:1	80	3000	H

RADIAL DRILLING AND MILLING HEAD - OFFSET

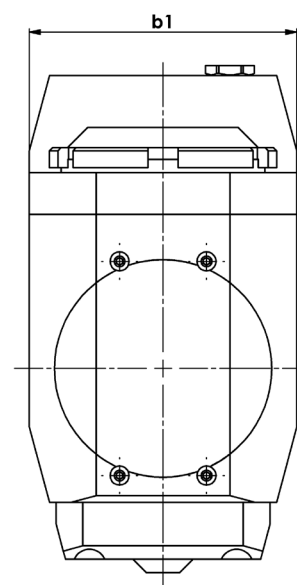
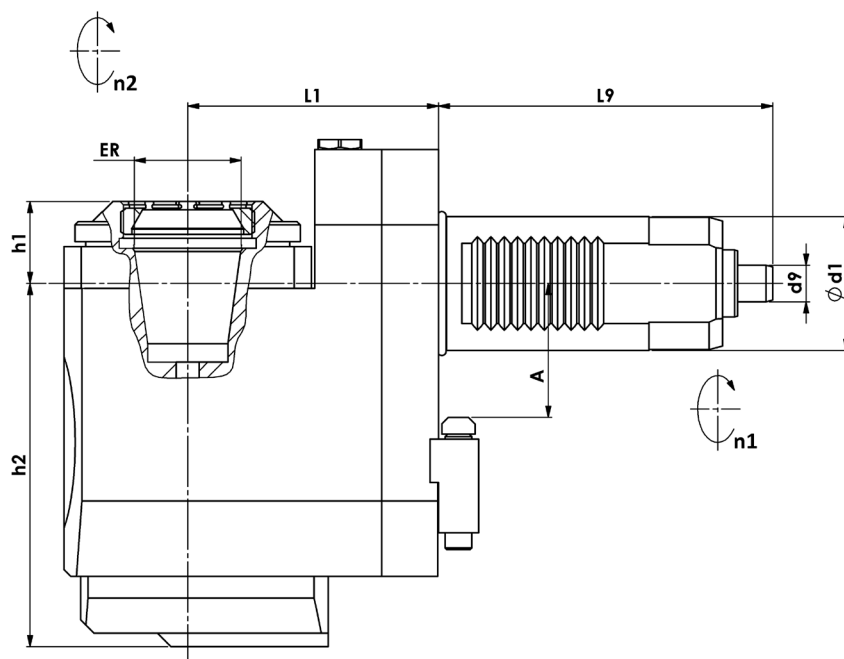
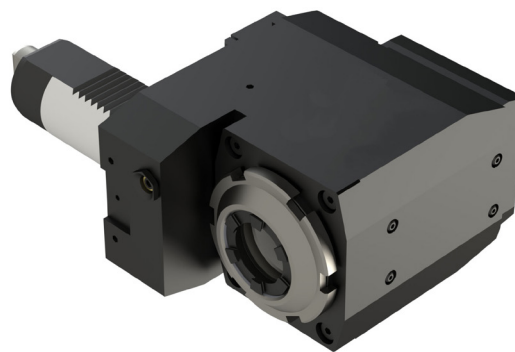


EMAG

VDI CLAMPING - DIN 69 880



COLLET CHUCK ER



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	ER	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R1.VDI40-EG10.E25HL	40	11	80	22,5	104	70	100	40	25	1:1	63	5000	H
R1.VDI40-EG10.E25HL-IC	40	11	80	22,5	108,5	70	100	40	25	1:1	63	5000	H
R1.VDI40-EG10.E25PL	40	11	80	22,5	104	70	100	40	25	1:1	63	10000	P
R1.VDI40-EG10.E25PL-IC	40	11	80	22,5	108,5	70	100	40	25	1:1	63	10000	P
R1.VDI40-EG10.E25PL-12	40	11	80	22,5	104	70	100	40	25	1:2	25	10000	P
R1.VDI40-EG10.E25PL-IC-12	40	11	80	22,5	108,5	70	100	40	25	1:2	25	10000	P
R1.VDI40-EG10.E32HL	40	11	80	24,5	104	70	100	40	32	1:1	63	5000	H
R1.VDI40-EG10.E32HL-IC	40	11	80	24,5	108,5	70	100	40	32	1:1	63	5000	H
R1.VDI40-EG10.E32PL	40	11	80	24,5	104	70	100	40	32	1:1	63	10000	P
R1.VDI40-EG10.E32PL-IC	40	11	80	24,5	108,5	70	100	40	32	1:1	63	10000	P
R1.VDI40-EG10.E32HL-21	40	11	80	24,5	104	70	100	40	32	2:1	80	3000	H
R1.VDI40-EG10.E32HL-IC-21	40	11	80	24,5	108,5	70	100	40	32	2:1	80	3000	H

RADIAL DRILLING AND MILLING HEAD - OFFSET

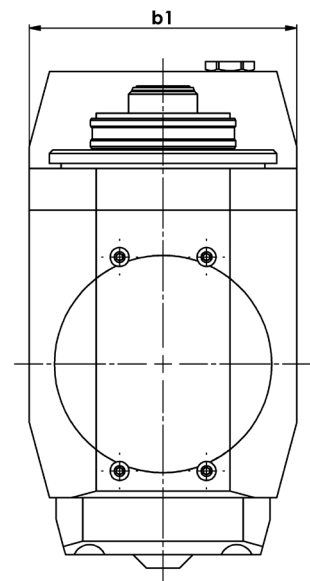
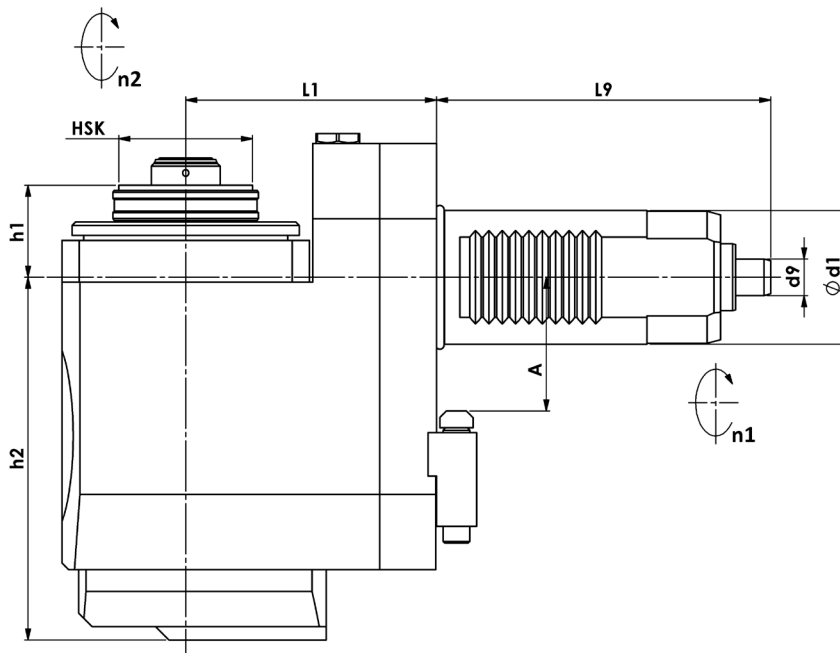
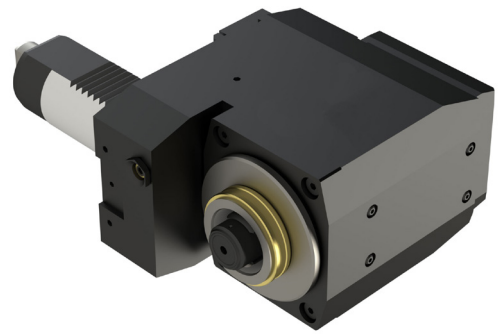


EMAG

VDI CLAMPING - DIN 69 880



HSK CLAMPING

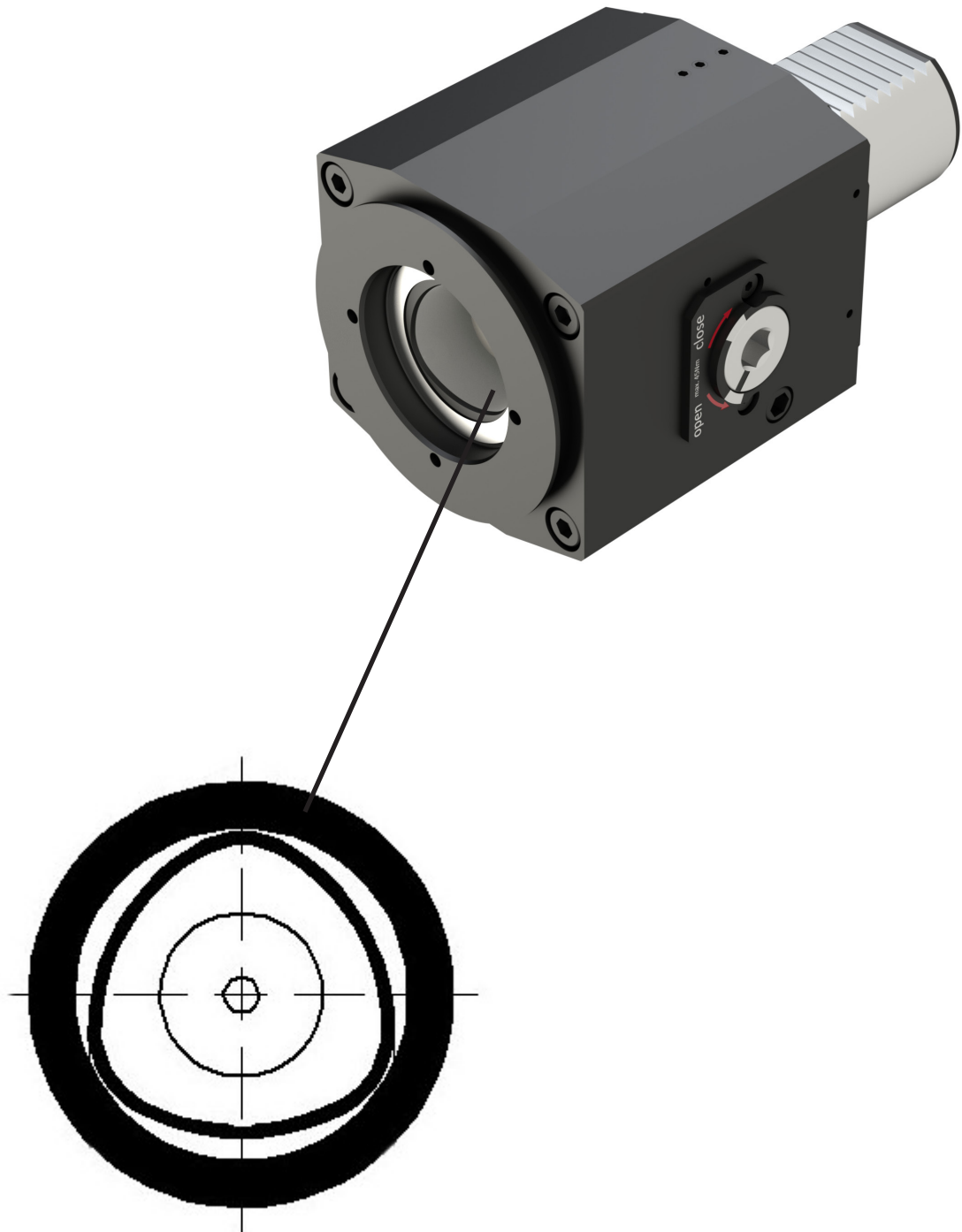


H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

PSC DIN ISO 26623-2

- CAPTO COMPATIBLE DRIVEN TOOLS



AXIAL DRILLING AND MILLING HEAD

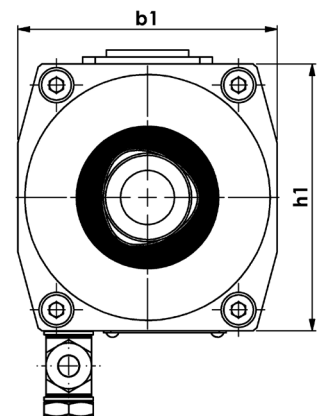
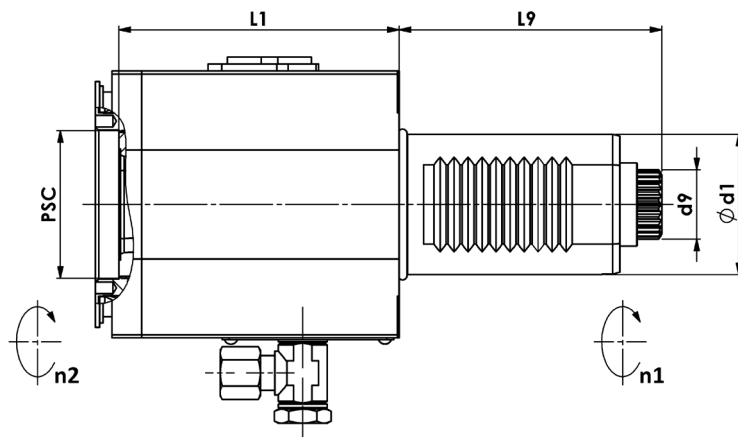


DIN 5480 SAUTER

VDI CLAMPING - DIN 69 880



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

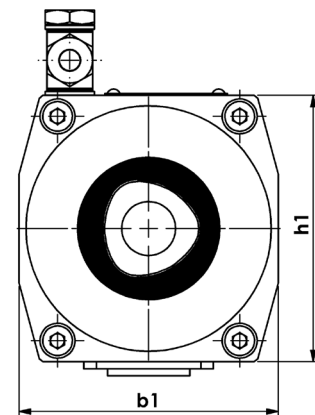
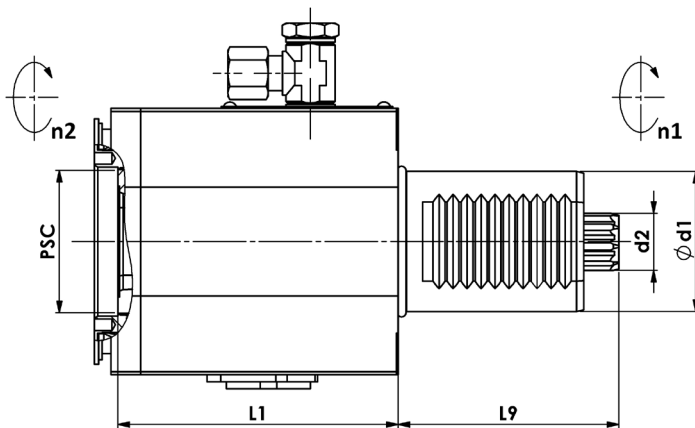
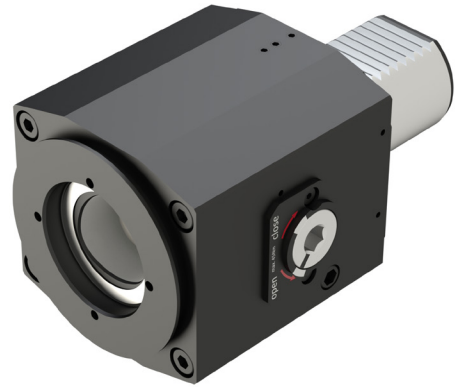


DIN 5482 SAUTER

VDI CLAMPING - DIN 69 880



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

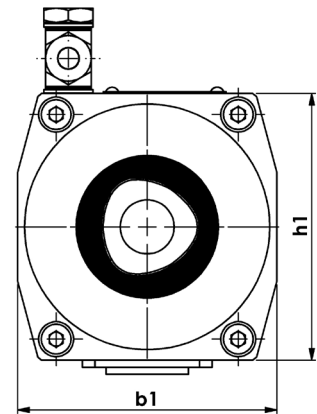
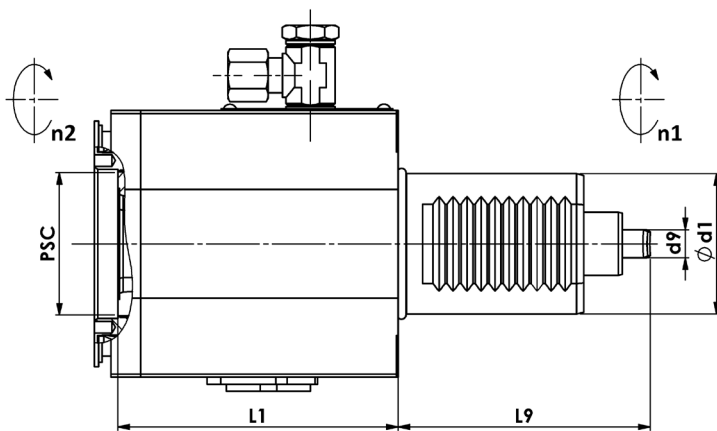
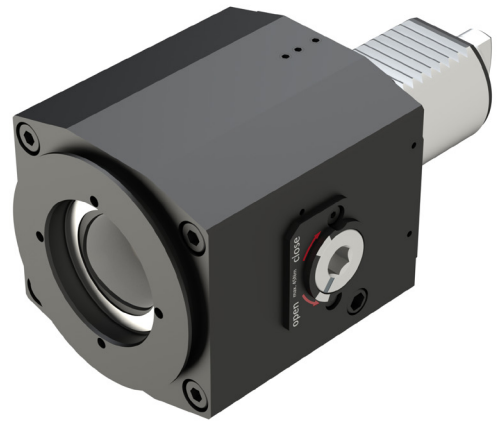


DIN 1809 DUPLOMATIC

VDI CLAMPING - DIN 69 880



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

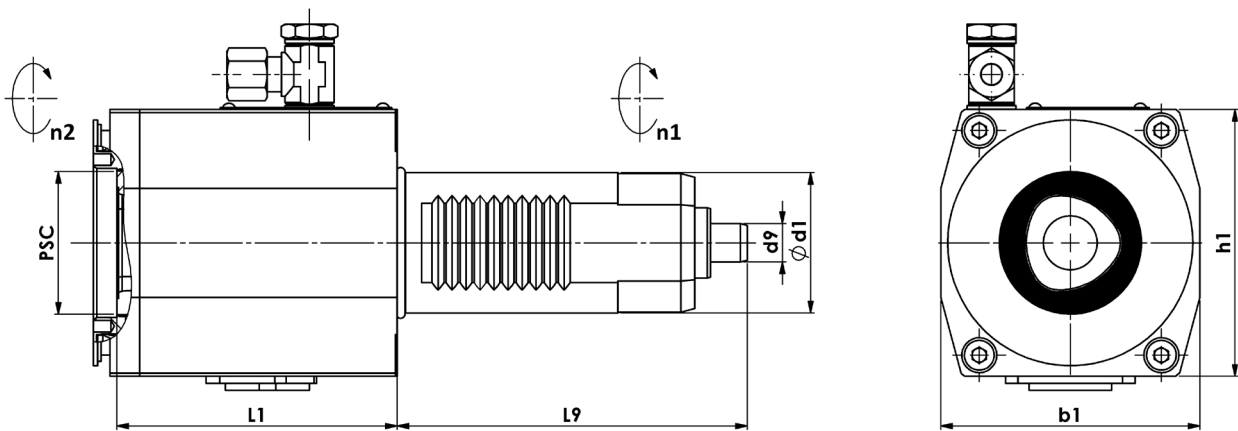


EMAG

VDI CLAMPING - DIN 69 880



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

RADIAL DRILLING AND MILLING HEAD

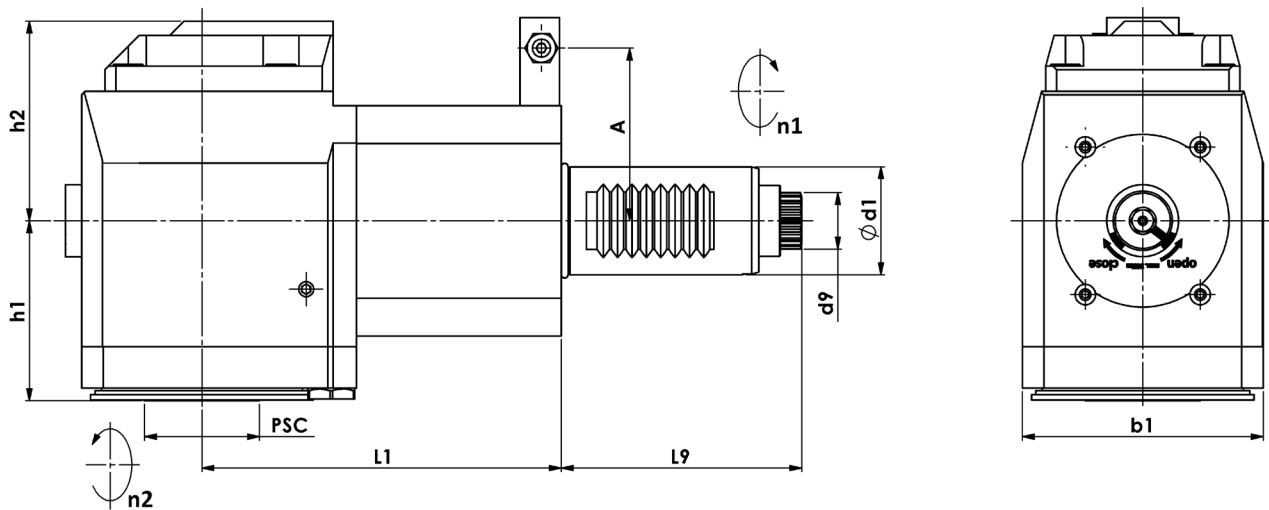
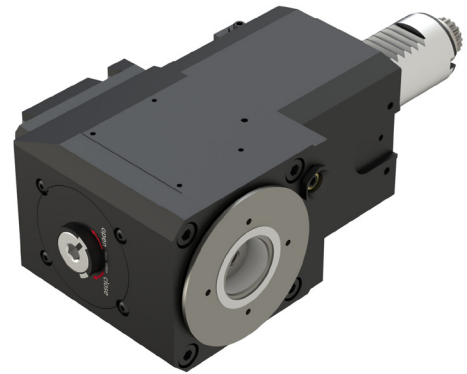


DIN 5480 SAUTER (STAR TURRET)

VDI CLAMPING - DIN 69 880



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMANCE VERSION

DESIGNATION	d ₁	d ₉	b ₁	h ₁	h ₂	L ₁	L ₉	A	PSC	RATIO	TORQUE (Nm)	SPEED (ot ⁻¹)	VERSION
R0.VDI30-50A.C3HRL-G	30	W16x0,8x30x18	67	50	51,5	85	67	48	32	1:1	32	6000	H
R0.VDI30-50A.C3HRL-IC-G	30	W16x0,8x30x18	67	50	55,5	85	67	48	32	1:1	32	6000	H
R0.VDI30-50A.C3PRL-G	30	W16x0,8x30x18	67	50	51,5	85	67	48	32	1:1	32	10000	P
R0.VDI30-50A.C3PRL-IC-G	30	W16x0,8x30x18	67	50	55,5	85	67	48	32	1:1	32	10000	P
R0.VDI30-50B.C3HRL-G	30	W16x0,8x30x18	67	50	51,5	100	67	48	32	1:1	32	6000	H
R0.VDI30-50B.C3HRL-IC-G	30	W16x0,8x30x18	67	50	55,5	100	67	48	32	1:1	32	6000	H
R0.VDI30-50B.C3PRL-G	30	W16x0,8x30x18	67	50	51,5	100	67	48	32	1:1	32	10000	P
R0.VDI30-50B.C3PRL-IC-G	30	W16x0,8x30x18	67	50	55,5	100	67	48	32	1:1	32	10000	P
R0.VDI30-50C.C3HRL-G	30	W16x0,8x30x18	67	50	51,5	120	67	48	32	1:1	32	6000	H
R0.VDI30-50C.C3HRL-IC-G	30	W16x0,8x30x18	67	50	55,5	120	67	48	32	1:1	32	6000	H
R0.VDI30-50C.C3PRL-G	30	W16x0,8x30x18	67	50	51,5	120	67	48	32	1:1	32	10000	P
R0.VDI30-50C.C3PRL-IC-G	30	W16x0,8x30x18	67	50	55,5	120	67	48	32	1:1	32	10000	P

RADIAL DRILLING AND MILLING HEAD

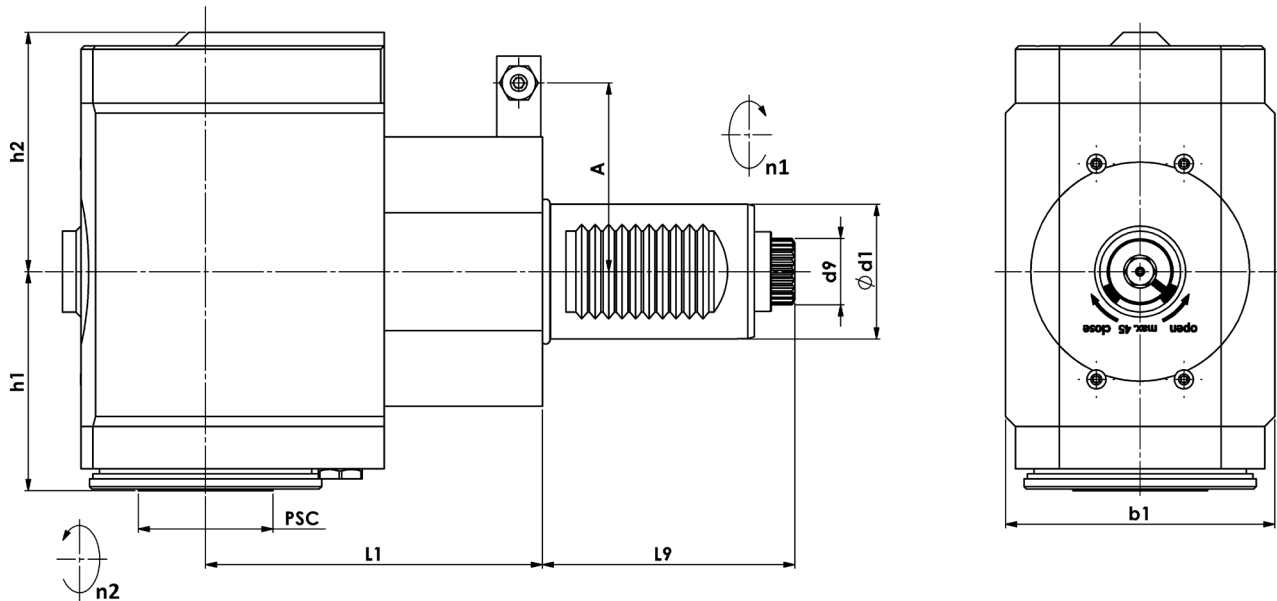
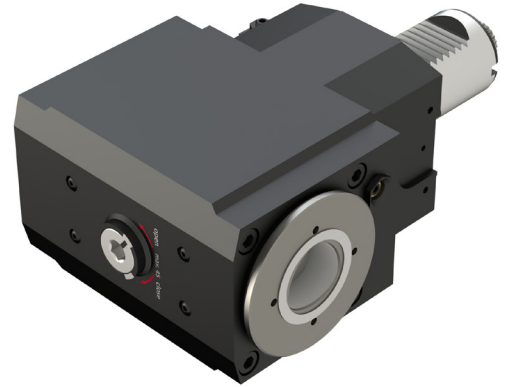


DIN 5480 SAUTER (STAR TURRET)

VDI CLAMPING - DIN 69 880



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

RADIAL DRILLING AND MILLING HEAD

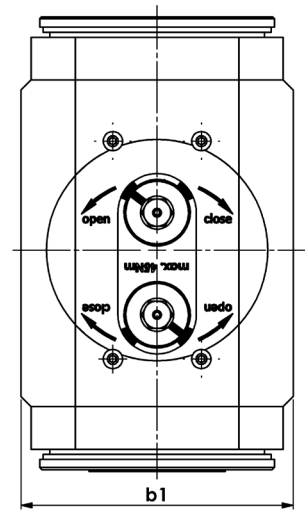
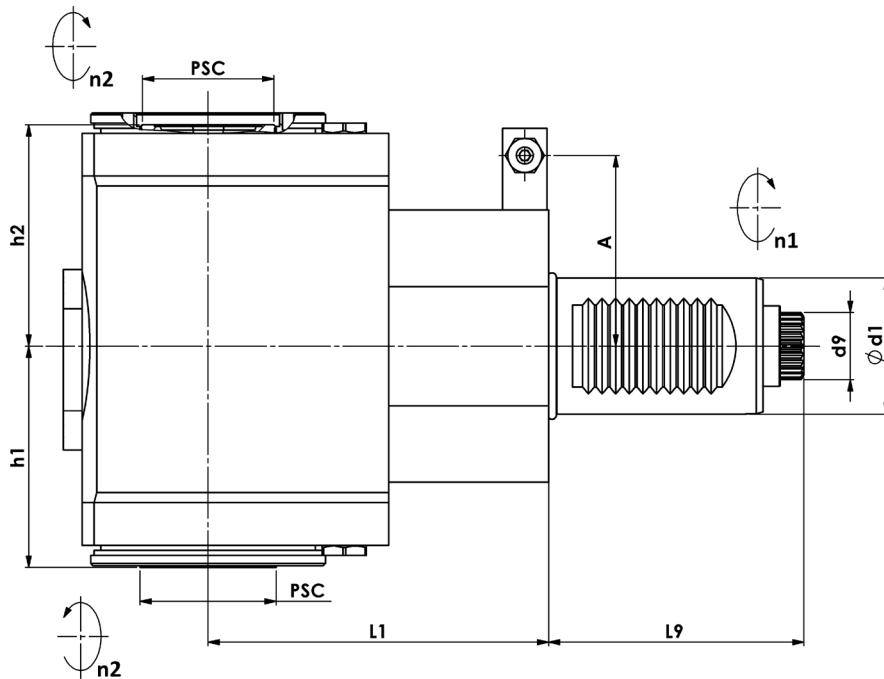
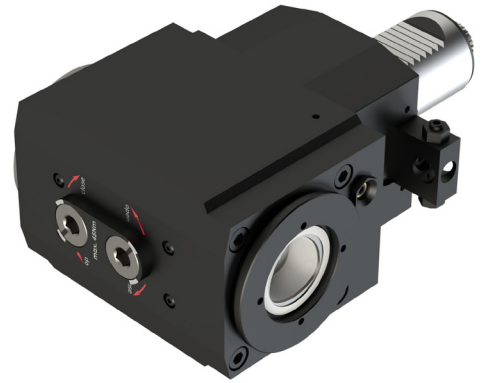


DIN 5480 SAUTER (STAR TURRET)

VDI CLAMPING - DIN 69 880



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

AXIAL DRILLING AND MILLING HEAD

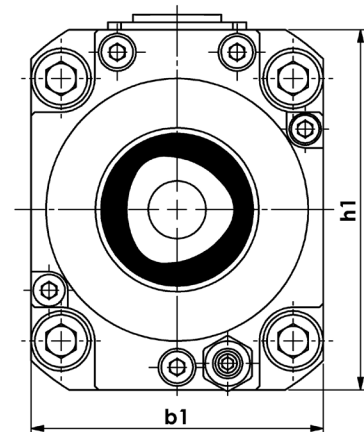
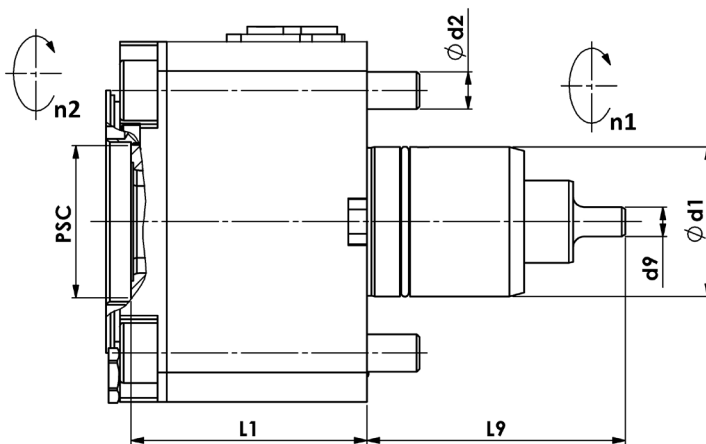


DMG MORI

BMT CLAMPING



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

RADIAL DRILLING AND MILLING HEAD

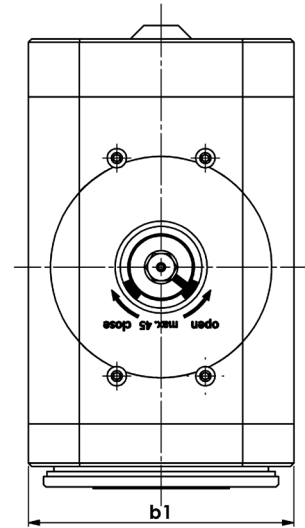
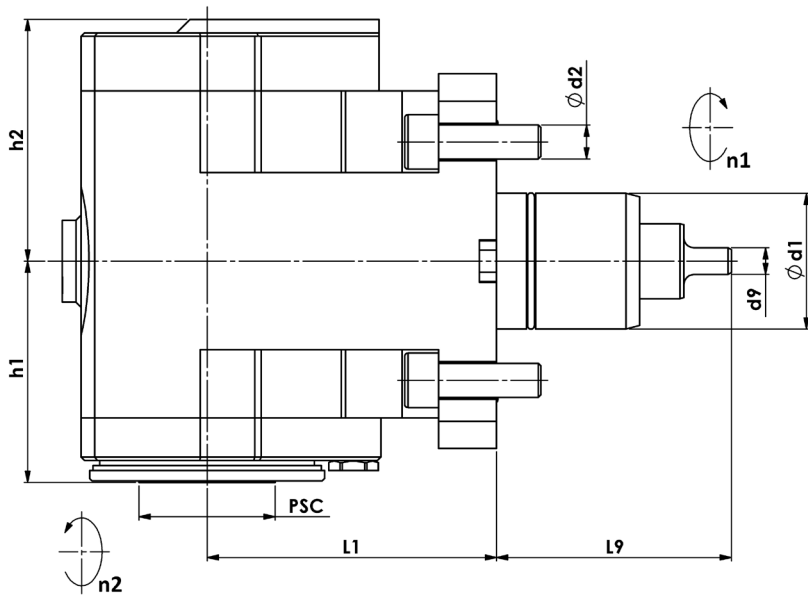


DMG MORI

BMT CLAMPING



DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]

RADIAL DRILLING AND MILLING HEAD - DOUBLE SIDED

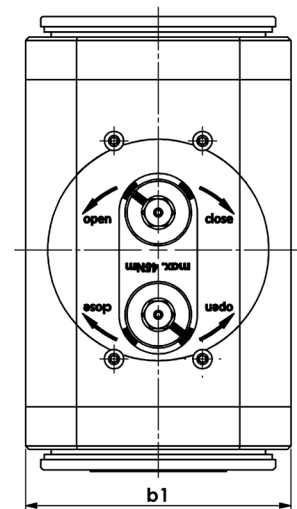
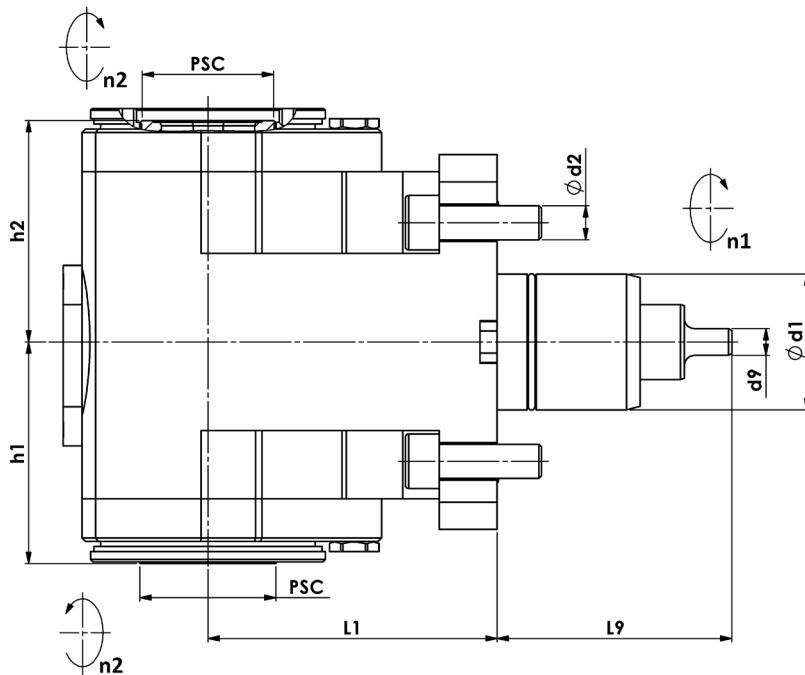


DMG MORI

BMT CLAMPING

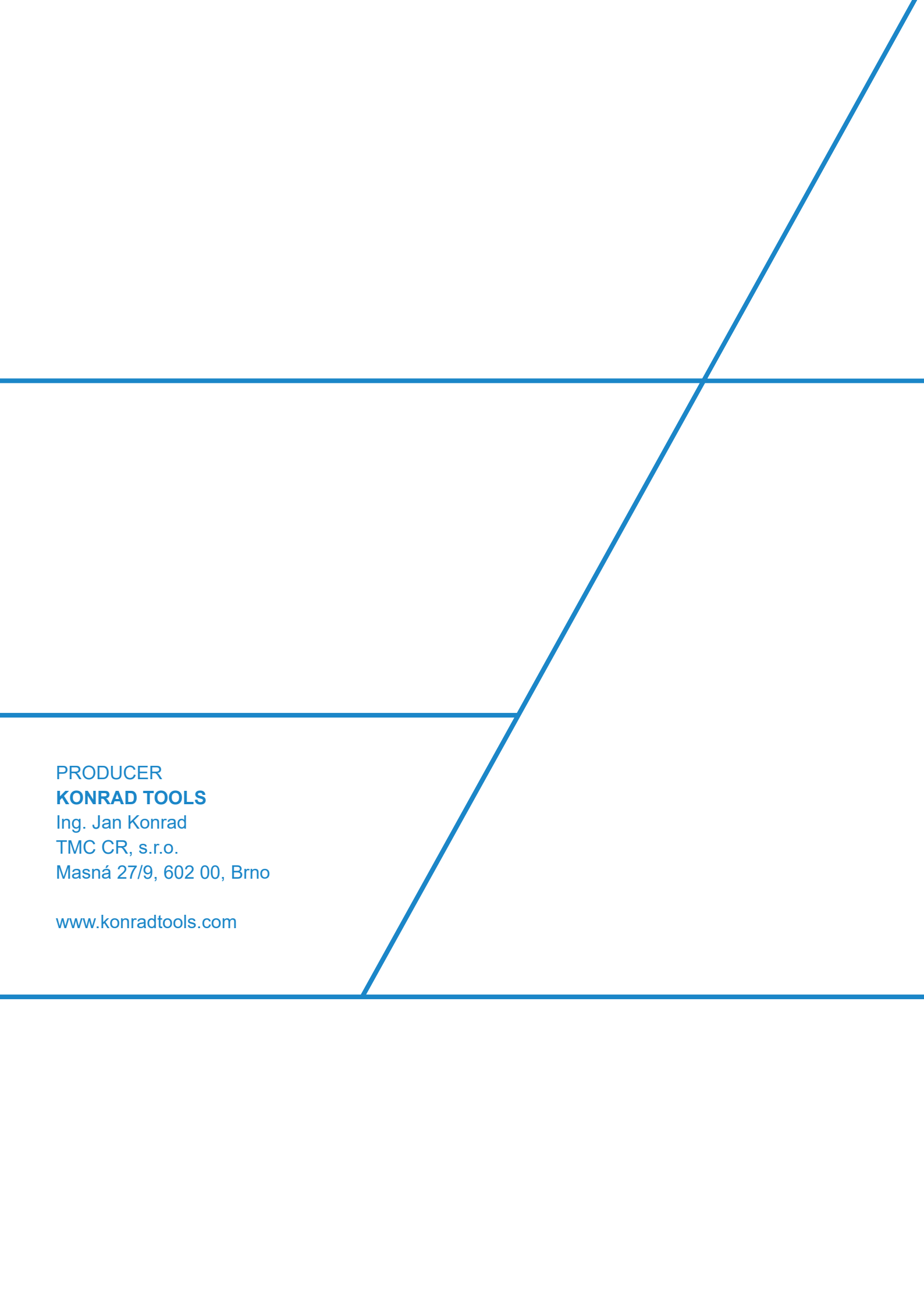


DIN ISO 26623-2 PSC (CAPTO COMPATIBLE)



H - HEAVY DUTY VERSION, P - PERFORMACE VERSION

[illegible]



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