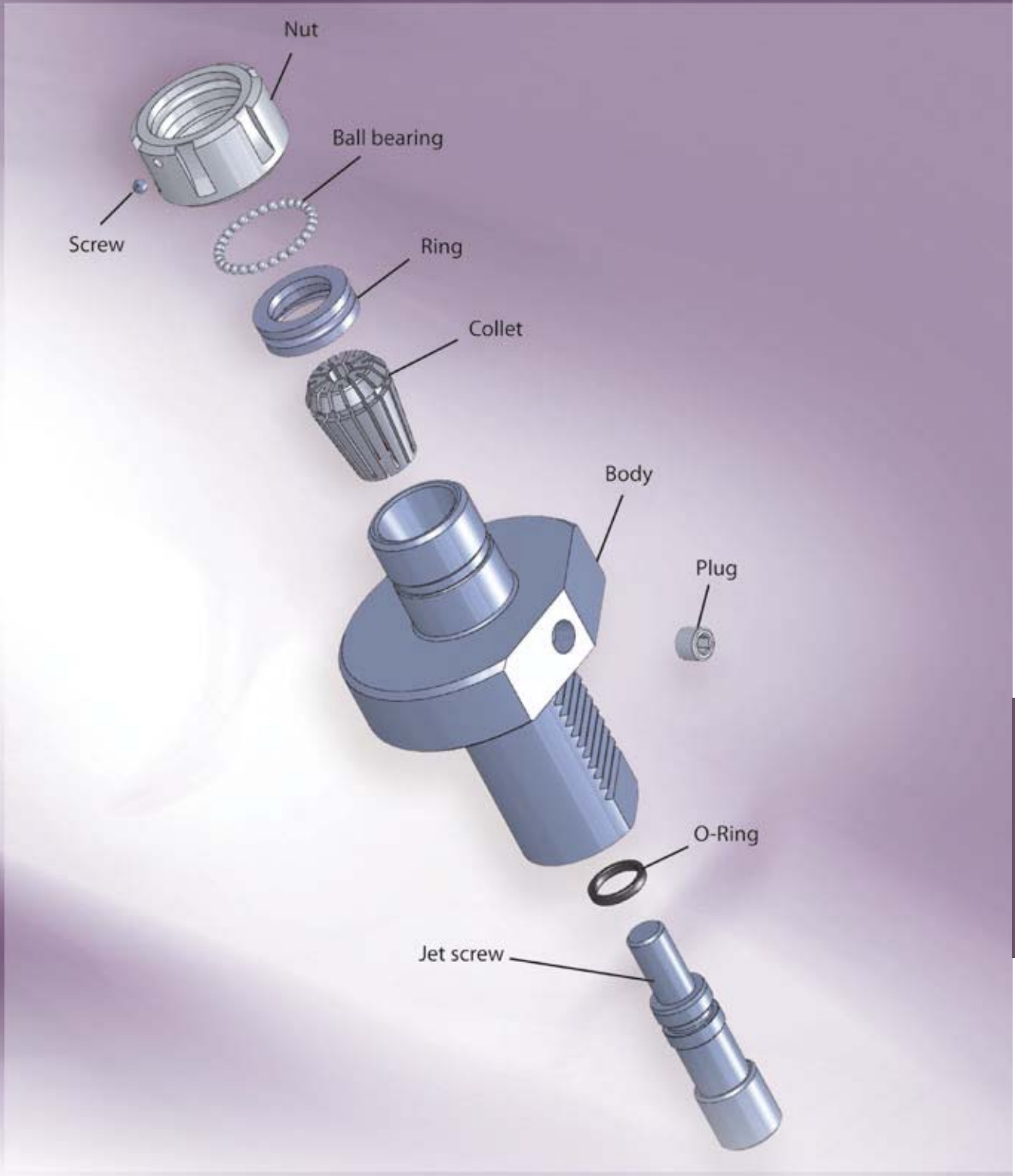
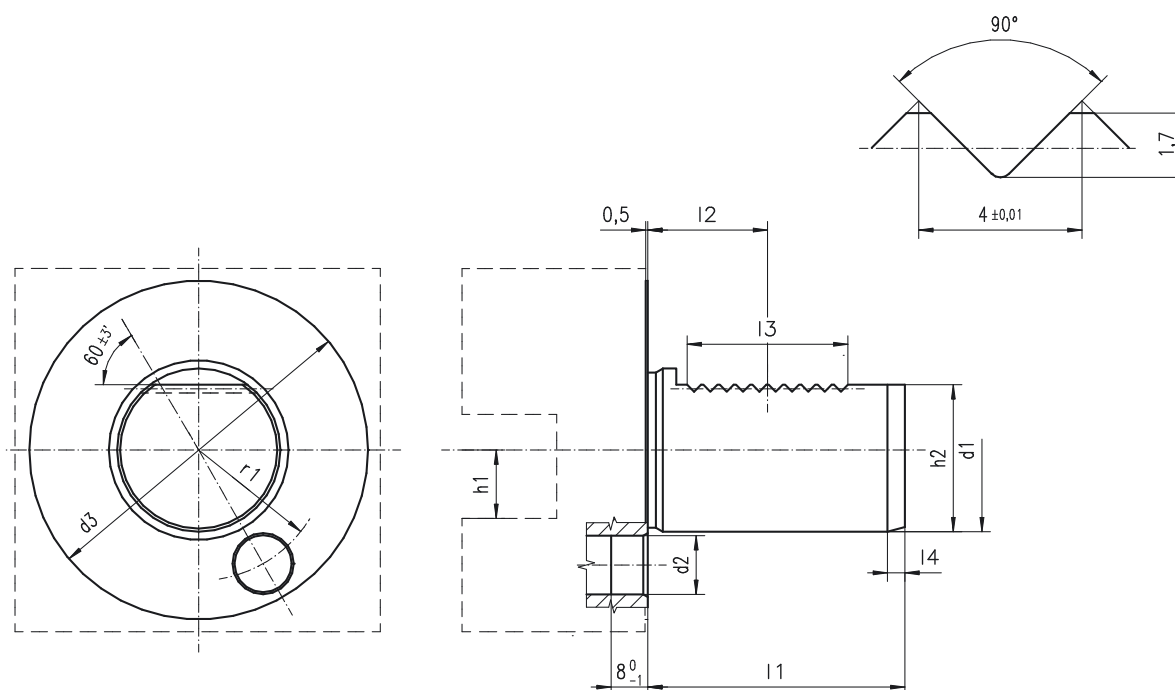


BISON-BIAL offers more than twenty different toolholders designed for use with CNC turning centers and each one is thoroughly inspected and must meet BISON-BIAL's strict quality control standards before the product can carry the BISON-BIAL name.



VDI - TOOLHOLDERS

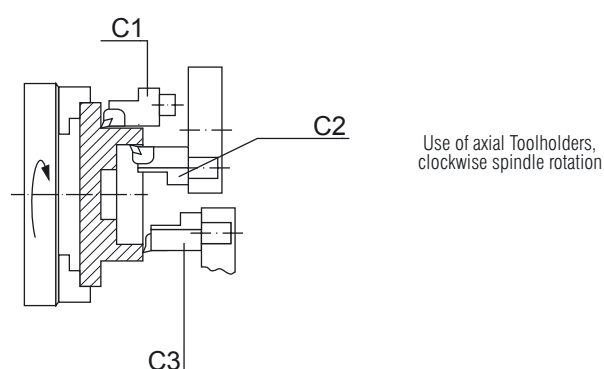
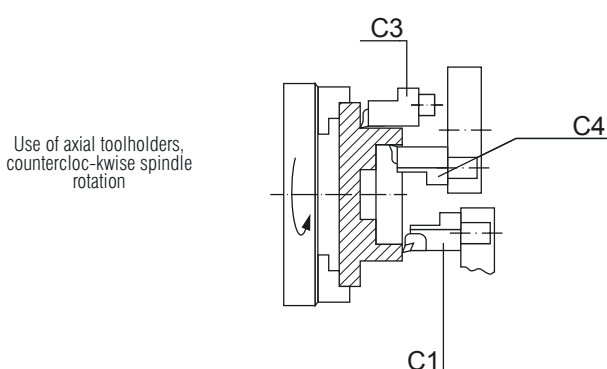
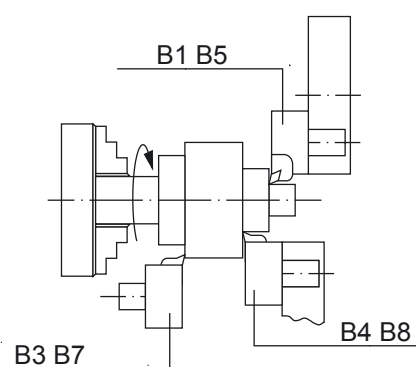
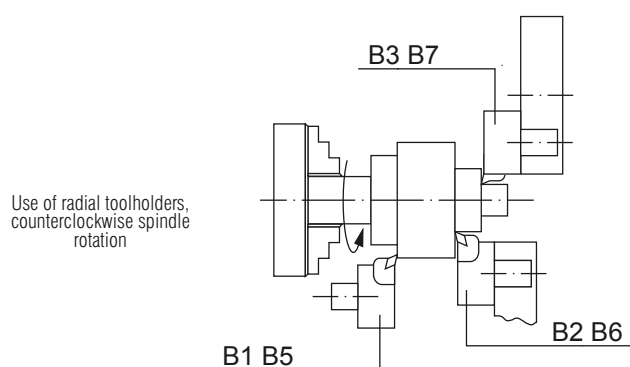
	DIN 69880	Type	Page
BLANK TOOLHOLDERS	A1 A2	1201 1203	228
RADIAL TOOLHOLDERS	B1 B2	1114P 1114L	229
INVERTED RADIAL TOOLHOLDERS	B3 B4	1115P 1115L	230
RADIAL TOOLHOLDERS	B5 B6	1124P 1124L	231
RADIAL TOOLHOLDERS INVERTED	B7 B8	1125P 1125L	232
AXIAL TOOLHOLDERS	C1 C2	1133P 1133L	233
COMBINED TOOLHOLDERS	C3 C4	1134P 1134L	234
TOOLHOLDERS FOR CUT OFF TOOLS	D1 D2	1143 1144	235
TOOLHOLDERS FOR COLLETS ER (DIN 6499)		1154P 1154L	236
COLLETS ER (DIN 6499)	E4	1220	237
OLDERS FOR BORING BARS WITH MORSE TAPER	F1	1224	238
TOOLHOLDERS FOR TOOLS WITH CYLINDRICAL SHANK	E1 E2	1253, 1252 1254 1258	238
TOOLHOLDERS FOR BORING BARS		1230	241
CLAMPING RING	Z1	1227	241
BLANKING PLUG (Steel)	Z2	1225	242
REDUCING SLEEVES WITH MORSE TAPER		1228	242
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CLAMPING OF TOOLS IN COLLET HOLDERS		9833, 9835	245
SPARE PARTS			246
DRIVEN TOOLS FOR CNC LATHES			248
AXIAL TOOL HEADS		7901	249
RADIAL TOOL HEADS`		8011	250
RADIAL TOOL HEADS, set back		8021	251



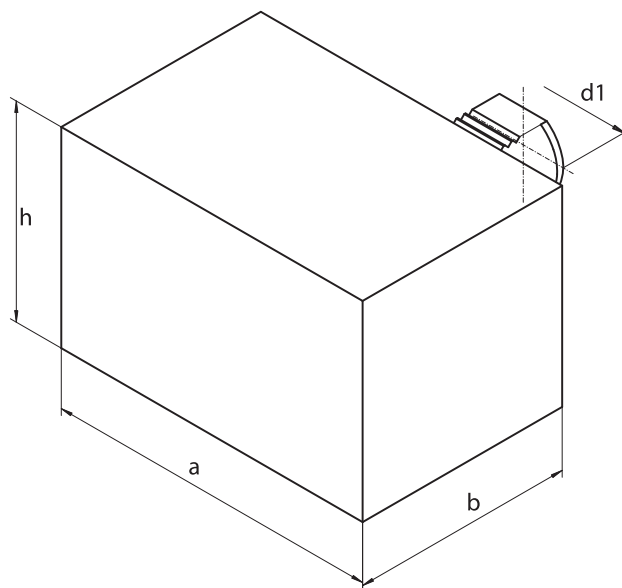
d1 h6	l1 ±0,3	d2		d3	h1 max	h2 ±0,1	l2 ±0,05	l3 min	l4 +1	r1 ±0,02
16	32	8	H6	40	12	15	12,7	16	2	14,5
20	40	10		50	16	18	21,7	24	2	18
25	48	10		58	16	23,5	21,7	24	2	21
30	55	14	H8	68	20	27	29,7	40	2	25
40	63	14		83	25	36	29,7	40	3	32
50	78	16		98	32	45	35,7	48	3	37
60	94	16		123	32	55	43,7	56	4	48

Application:

- Designed for use with CNC turning centers with rotary heads conforming to VDI standard DIN 69880



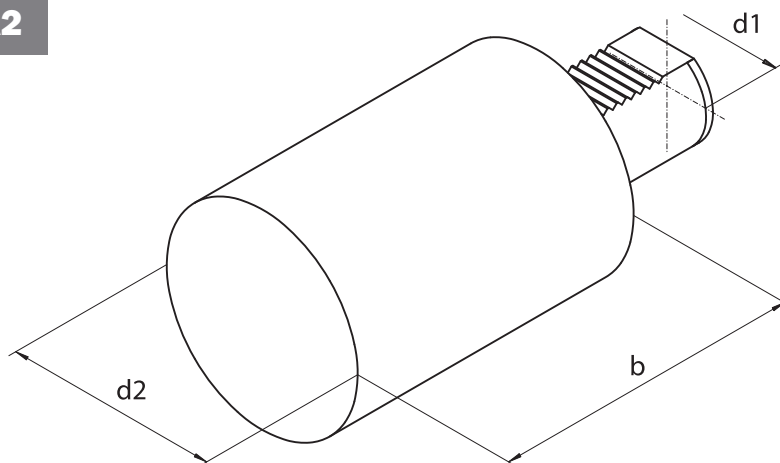
Type 1201 - Form A1



DIN 69880	Type - Size	d ₁	a	h	b
A1-16 x 44	1201-16	16	78	44	44
A1-20 x 65	1201-20	20	100	60	65
A1-30 x 85	1201-30	30	130	76	85
A1-40 x 100	1201-40	40	151	96	100
A1-50 x 125	1201-50	50	160	120	125
A1-60 x 160 *	1201-60	60	165	125	160
A1-80 x 200 *	1201-80	80	220	160	200

* - on request

Type 1203 - Form A2

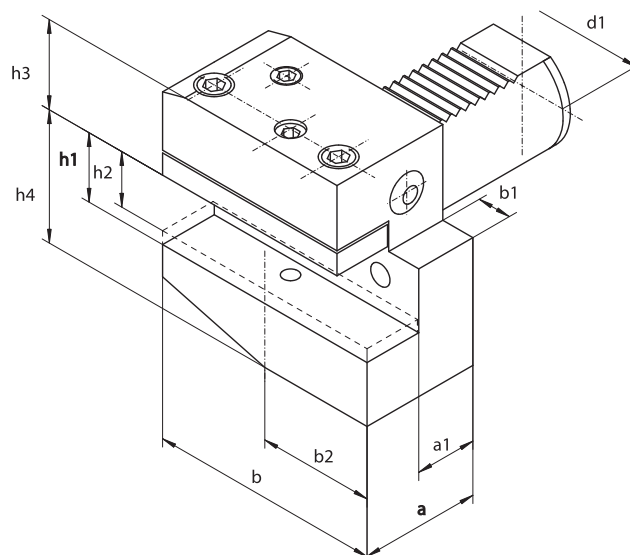


DIN 69880	Type - Size	d ₁	d ₂	b
A2-16 x 60	1203-16	16	40	60
A2-20 x 70	1203-20	20	50	70
A2-30 x 100	1203-30	30	68	100
A2-30 x 240	1203-30L	30	68	240
A2-40 x 120	1203-40	40	83	120
A2-40 x 320	1203-40L	40	83	320
A2-50 x 135	1203-50	50	98	135
A2-50 x 400	1203-50L	50	98	400
A2-60 x 150 *	1203-60	60	123	150
A2-60 x 480 *	1203-60L	60	123	480

* - on request

Example of order: 1201-16

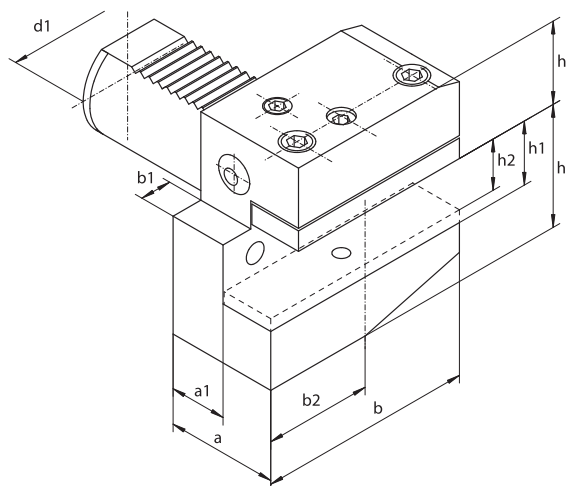
Type 1114P - Form B1 right, short



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
B1-16 x 12 x 24	1114-16P	16	24	13	42	5	23	12	10	20	22
B1-16 x 12 x 34	1114-16P-L	16	34	23	42	5	23	12	10	20	22
B1-20 x 16 x 30	1114-20P	20	30	16	55	7	30	16	12	25	30
B1-20 x 16 x 40	1114-20P-L	20	40	26	55	7	30	16	12	25	30
B1-25 x 16 x 30	1114-25P	25	30	16	55	7	30	16	12	25	30
B1-25 x 16 x 40	1114-25P-L	25	40	26	55	7	30	16	12	25	30
B1-30 x 20 x 40	1114-30P	30	40	22	70	10	35	20	16	28	38
B1-30 x 20 x 60	1114-30P-L	30	60	42	70	10	35	20	16	28	38
B1-40 x 25 x 44	1114-40P	40	44	22	85	12,5	42,5	25	20	32,5	48
B1-50 x 32 x 55	1114-50P	50	55	30	100	16	50	32	25	35	60
B1-60 x 32 x 60 *	1114-60P	60	60	30	125	16	62,5	32	25	42,5	62,5

* - on request

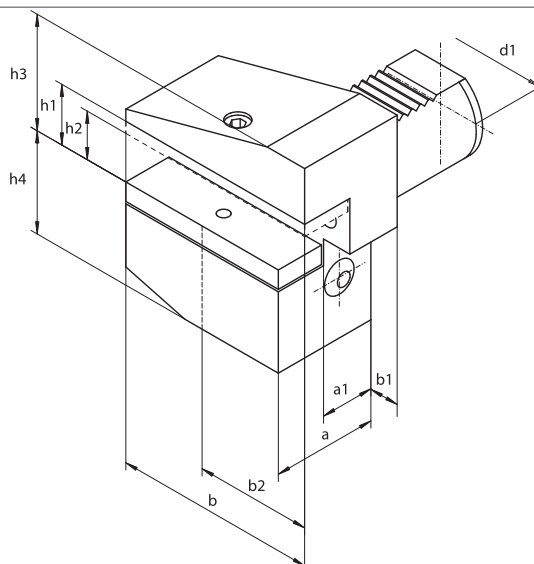
Type 1114L - Form B2 left, short



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
B2-16 x 12 x 24	1114-16L	16	24	13	42	5	23	12	10	20	22
B2-16 x 12 x 34	1114-16L-L	16	34	23	42	5	23	12	10	20	22
B2-20 x 16 x 30	1114-20L	20	30	16	55	7	30	16	12	25	30
B2-20 x 16 x 40	1114-20L-L	20	40	26	55	7	30	16	12	25	30
B2-25 x 16 x 30	1114-25L	25	30	16	55	7	30	16	12	25	30
B2-25 x 16 x 40	1114-25L-L	25	40	26	55	7	30	16	12	25	30
B2-30 x 20 x 40	1114-30L	30	40	22	70	10	35	20	16	28	38
B2-30 x 20 x 60	1114-30L-L	30	60	42	70	10	35	20	16	28	38
B2-40 x 25 x 44	1114-40L	40	44	22	85	12,5	42,5	25	20	32,5	48
B2-50 x 32 x 55	1114-50L	50	55	30	100	16	50	32	25	35	60
B2-60 x 32 x 60 *	1114-60L	60	60	30	125	16	62,5	32	25	42,5	62,5

* - on request

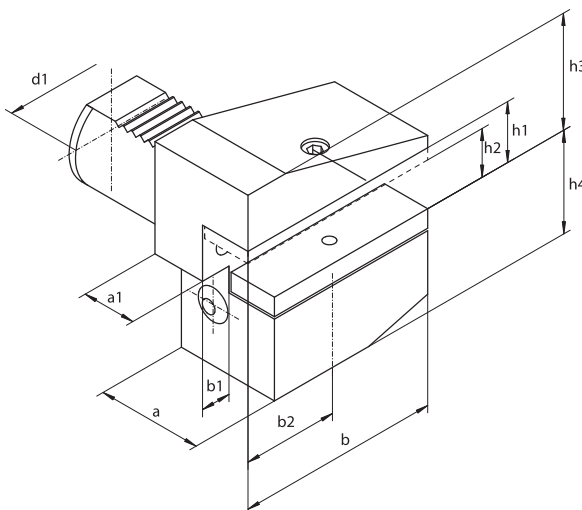
Type 1115P - Form B3 right, short



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
B3-16 x 12 x 24	1115-16P	16	24	13	42	5	23	12	10	22	20
B3-16 x 12 x 34	1115-16P-L	16	34	23	42	5	23	12	10	22	20
B3-20 x 16 x 30	1115-20P	20	30	16	55	7	30	16	12	30	25
B3-20 x 16 x 40	1115-20P-L	20	40	26	55	7	30	16	12	30	25
B3-25 x 16 x 30	1115-25P	25	30	16	55	7	30	16	12	30	25
B3-25 x 16 x 40	1115-25P-L	25	40	26	55	7	30	16	12	30	25
B3-30 x 20 x 40	1115-30P	30	40	22	70	10	35	20	16	38	35
B3-30 x 20 x 60	1115-30P-L	30	60	42	70	10	35	20	16	38	35
B3-40 x 25 x 44	1115-40P	40	44	22	85	12,5	42,5	25	20	48	42,5
B3-50 x 32 x 55	1115-50P	50	55	30	100	16	50	32	25	60	50
B3-60 x 32 x 60 *	1115-60P	60	60	30	125	16	62,5	32	25	62,5	62,5

* - on request

Type 1115L - Form B4 left, short



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
B4-16 x 12 x 24	1115-16L	16	24	13	42	5	23	12	10	22	20
B4-16 x 12 x 34	1115-16L-L	16	34	23	42	5	23	12	10	22	20
B4-20 x 16 x 30	1115-20L	20	30	16	55	7	30	16	12	30	2b
B4-20 x 16 x 40	1115-20L-L	20	40	26	55	7	30	16	12	30	25
B4-25 x 16 x 30	1115-25L	25	30	16	55	7	30	16	12	30	2b
B4-25 x 16 x 40	1115-25L-L	25	40	26	55	7	30	16	12	30	25
B4-30 x 20 x 40	1115-30L	30	40	22	70	10	35	20	16	38	3b
B4-30 x 20 x 60	1115-30L-L	30	60	42	70	10	35	20	16	38	35
B4-40 x 25 x 44	1115-40L	40	44	22	85	12,5	42,5	25	20	48	42,b
B4-50 x 32 x 55	1115-50L	50	55	30	100	16	50	32	24	60	50
B4-60 x 32 x 60 *	1115-60L	60	60	30	125	16	62,5	32	24	62,b	62,5

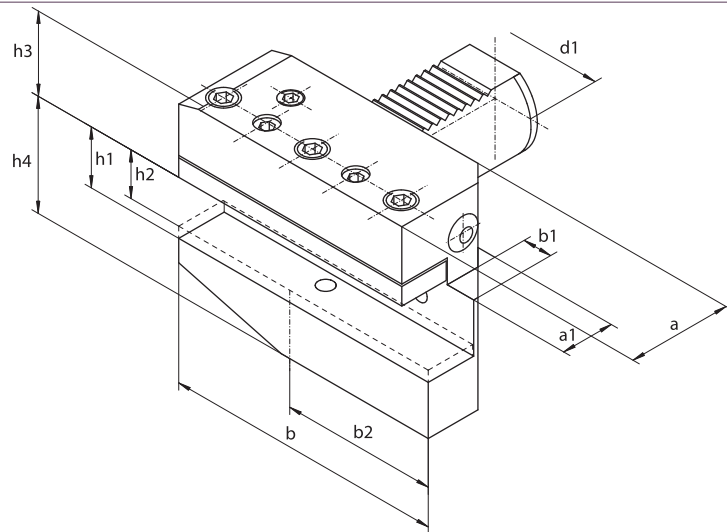
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Example of order: 1115-16P

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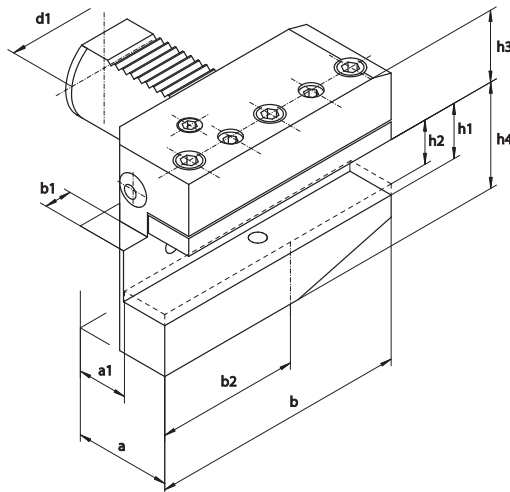
Type 1124P - Form B5 right, long



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
B5-16 x 12 x 24	1124-16P	16	24	13	58	5	39	12	10	20	22
B5-16 x 12 x 34	1124-16P-L	16	34	23	58	5	39	12	10	20	22
B5-20 x 16 x 30	1124-20P	20	30	16	75	7	50	16	12	25	30
B5-20 x 16 x 40	1124-20P-L	20	40	26	75	7	30	16	12	25	30
B5-25 x 16 x 30	1124-25P	25	30	16	75	7	50	16	12	25	30
B5-25 x 16 x 40	1124-25P-L	25	40	26	75	7	50	16	12	25	30
B5-30 x 20 x 40	1124-30P	30	40	22	100	10	65	20	16	28	38
B5-30 x 20 x 60	1124-30P-L	30	60	42	100	10	65	20	16	28	38
B5-40 x 25 x 44	1124-40P	40	44	22	118	12,5	75,5	25	20	32,5	48
B5-50 x 32 x 55	1124-50P	50	55	30	130	16	80	32	25	35	60
B5-60 x 32 x 60 *	1124-60P	60	60	30	145	16	82,5	32	25	42,5	62,5

* - on request

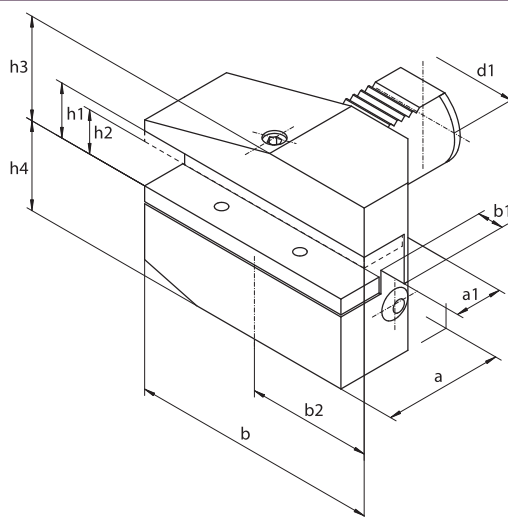
Type 1124L - Form B6 left, long



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
B6-16 x 12 x 24	1124-16L	16	24	13	58	5	39	12	10	20	22
B6-16 x 12 x 34	1124-16L-L	16	34	23	58	5	39	12	10	20	22
B6-20 x 16 x 30	1124-20L	20	30	16	75	7	50	16	12	25	30
B6-20 x 16 x 40	1124-20L-L	20	40	26	75	7	50	16	12	25	30
B6-25 x 16 x 30	1124-25L	25	30	16	75	7	50	16	12	25	30
B6-25 x 16 x 40	1124-25L-L	25	40	26	75	7	50	16	12	25	30
B6-30 x 20 x 40	1124-30L	30	40	22	100	10	65	20	16	28	38
B6-30 x 20 x 60	1124-30L-L	30	60	42	100	10	65	20	16	28	38
B6-40 x 25 x 44	1124-40L	40	44	22	118	12,5	75,5	25	20	32,5	48
B6-50 x 32 x 55	1124-50L	50	55	30	130	16	80	32	25	35	60
B6-60 x 32 x 60 *	1124-60L	60	60	30	145	16	82,5	32	25	42,5	62,5

* - on request

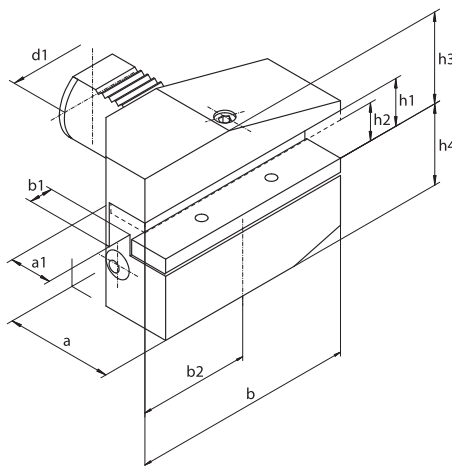
Type 1125P - Form B7 right, long



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
B7-16 x 12 x 24	1125-16P	16	24	13	58	5	39	12	10	22	20
B7-16 x 12 x 34	1125-16P-L	16	34	23	58	5	39	12	10	22	20
B7-20 x 16 x 30	1125-20P	20	30	16	75	7	50	16	12	30	25
B7-20 x 16 x 40	1125-20P-L	20	40	26	75	7	50	16	12	30	25
B7-25 x 16 x 30	1125-25P	25	30	16	75	7	50	16	12	30	25
B7-25 x 16 x 40	1125-25P-L	25	40	26	75	7	50	16	12	30	25
B7-30 x 20 x 40	1125-30P	30	40	22	100	10	65	20	16	38	35
B7-30 x 20 x 60	1125-30P-L	30	60	42	100	10	65	20	16	38	35
B7-40 x 25 x 44	1125-40P	40	44	22	118	12,5	75,5	25	20	48	42,5
B7-50 x 32 x 55	1125-50P	50	55	30	130	16	80	32	25	60	50
B7-60 x 32 x 60 *	1125-60P	60	60	30	145	16	82,5	32	25	62,5	62,5

* - on request

Type 1125L - Form B8 left, long



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
B8-16 x 12 x 24	1125-16L	16	24	13	58	5	39	12	10	22	20
B8-16 x 12 x 34	1125-16L-L	16	34	23	58	5	39	12	10	22	20
B8-20 x 16 x 30	1125-20L	20	30	16	75	7	50	16	12	30	25
B8-20 x 16 x 40	1125-20L-L	20	40	26	75	7	50	16	12	30	25
B8-25 x 16 x 30	1125-25L	25	30	16	75	7	50	16	12	30	25
B8-25 x 16 x 40	1125-25L-L	25	40	26	75	7	50	16	12	30	25
B8-30 x 20 x 40	1125-30L	30	40	22	100	10	65	20	16	38	35
B8-30 x 20 x 60	1125-30L-L	30	60	42	100	10	65	20	16	38	35
B8-40 x 25 x 44	1125-40L	40	44	22	118	12,5	75,5	25	20	48	42,5
B8-50 x 32 x 55	1125-50L	50	55	30	130	16	80	32	25	60	50
B8-60 x 32 x 60 *	1125-60L	60	60	30	145	16	82,5	32	25	62,5	62,5

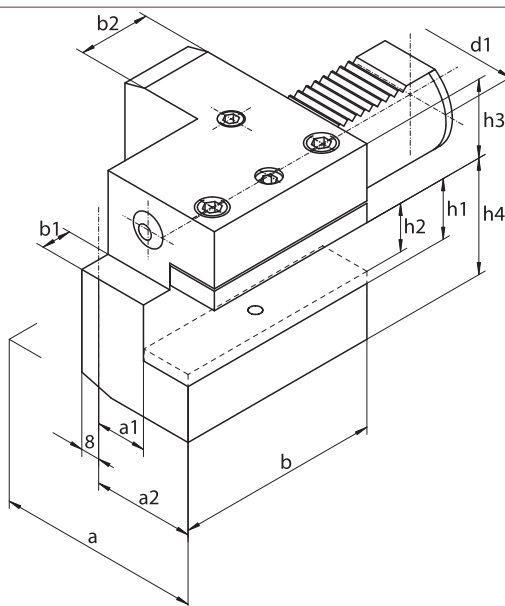
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Example of order: 1125-16P

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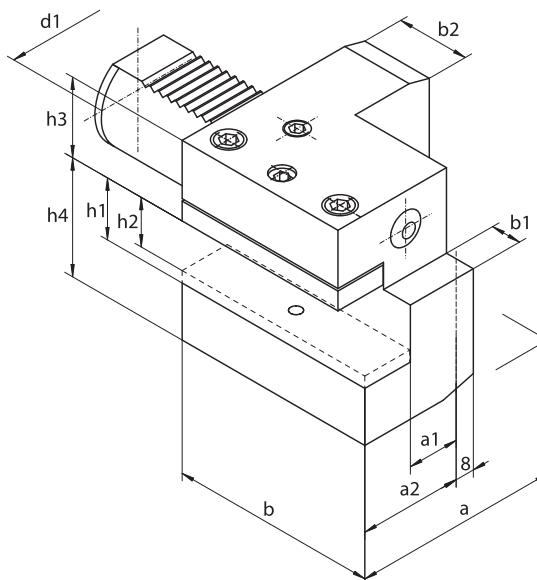
Type 1133P Form C1 right



DIN 69880	Type - Size	d1	a	a1	a2	b	b1	b2	h1	h2	h3	h4
C1-16 x 12	1133-16P	16	43	13	24	44	5	20	12	10	20	22
C1-20 x 16	1133-20P	20	52	13	27	55	7	30	16	12	25	30
-	1133-20P-L	20	65	26	40	50	-	30	16	12	25	30
C1-25 x 16	1133-25P	25	58	19	33	55	7	20	16	12	25	30
C1-30 x 20	1133-30P	30	70	17	35	70	10	30	20	16	28	38
C1-40 x 25	1133-40P	40	85	21	42,5	85	12,5	30	25	20	32,5	48
C1-50 x 32	1133-50P	50	100	26	50	100	16	40	32	25	35	60
C1-60 x 32 *	1133-60P	60	125	33	62,5	125	16	40	32	25	42,5	62,5

* - on request

Type 1133L Form C2 left



DIN 69880	Type - Size	d1	a	a1	a2	b	b1	b2	h1	h2	h3	h4	Code No 0642
C2-16 x 12	1133-16L	16	43	13	24	44	5	20	12	10	20	22	411 331 109
C2-20 x 16	1133-20L	20	65	26	40	50	-	30	16	12	25	30	411 331 200
C2-25 x 16	1133-25L	25	58	19	33	55	7	20	16	12	25	30	411 331 213
C2-30 x 20	1133-30L	30	76	23	41	70	10	30	20	16	28	38	411 331 302
C2-40 x 25	1133-40L	40	90	25,5	47,5	85	12,5	30	25	20	32,5	48	411 331 404
C2-50 x 32	1133-50L	50	105	30,5	55	100	16	40	32	25	35	60	411 331 506
C2-60 x 32 *	1133-60L	60	125	33	62,5	125	16	40	32	25	42,5	62,5	411 331 608

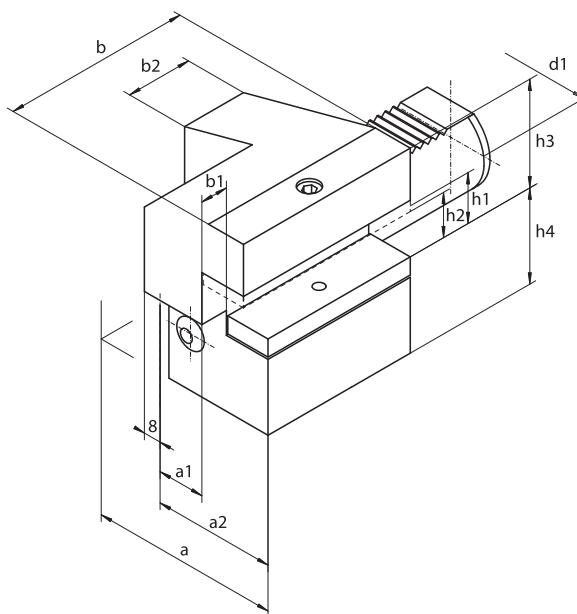
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Example of order: 1133-16P

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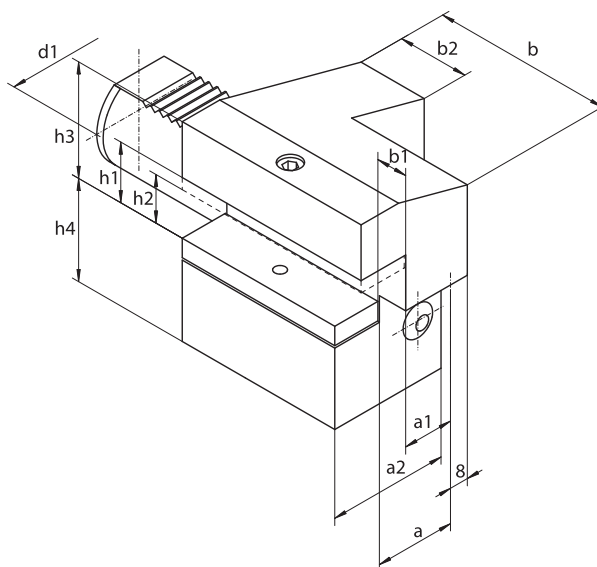
Type 1134P Form C3 right



DIN 69880	Type - Size	d1	a	a1	a2	b	b1	b2	h1	h2	h3	h4
C3-16 x 12	1134-16P	16	43	13	24	44	5	20	12	10	22	20
C3-20 x 16	1134-20P	20	52	13	27	55	7	30	16	12	30	25
-	1134-20P-L	20	65	26	40	50	-	30	16	12	30	25
C3-25 x 16	1134-25P	25	58	19	33	55	7	20	16	12	30	25
C3-30 x 20	1134-30P	30	70	17	35	70	10	30	20	16	38	35
C3-40 x 25	1134-40P	40	85	21	42,5	85	12,5	30	25	20	48	42,5
C3-50 x 32	1134-50P	50	100	26	50	100	16	40	32	25	60	50
C3-60 x 32 *	1134-60P	60	125	33	62,5	125	16	40	32	25	62,5	62,5

* - on request

Type 1134L Form C4 left



DIN 69880	Type - Size	d1	a	a1	a2	b	b1	b2	h1	h2	h3	h4
C4-16 x 12	1134-16L	16	43	13	24	44	5	20	12	10	22	20
C4-20 x 16	1134-20L	20	65	26	40	50	-	30	16	12	30	25
C4-25 x 16	1134-25L	25	58	19	33	55	7	20	16	12	25	25
C4-30 x 20	1134-30L	30	76	23	41	70	10	30	20	16	38	35
C4-40 x 25	1134-40L	40	90	25,5	47,5	85	12,5	30	25	20	48	42,5
C4-50 x 32	1134-50L	50	105	30,5	55	100	16	40	32	25	60	50
C4-60 x 32 *	1134-60L	60	125	33	62,5	125	16	40	32	25	62,5	62,5

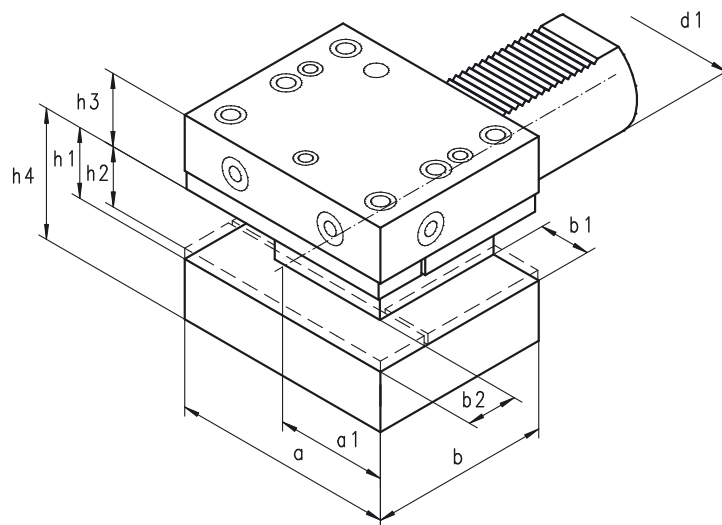
* - on request

Example of order: 1134-16P

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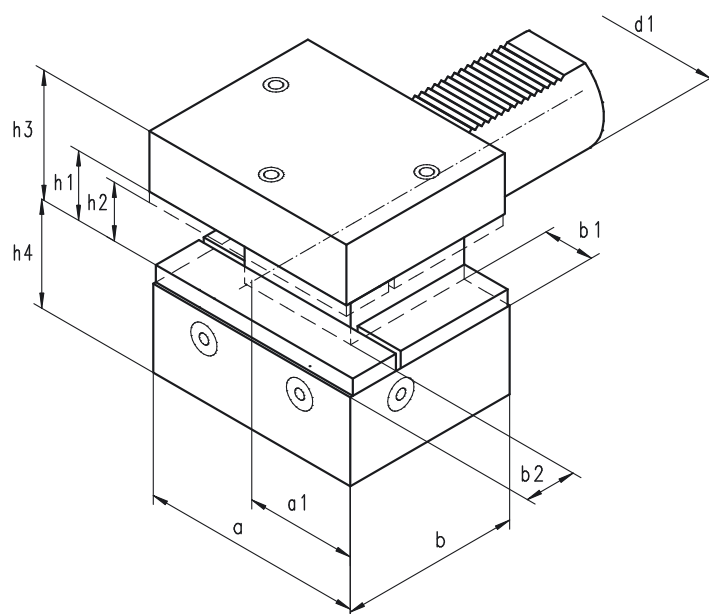
Type 1143 - Form D1



DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
D1-25 x 16	1143-25	25	66	33	48	14	14	16	12	25	30
D1-30 x 20	1143-30	30	76	35	60	18	18	20	16	28	38
D1-40 x 25	1143-40	40	90	42,5	72	21,5	22	25	20	32,5	48
-	1143-40L	40	90	42,5	125	21,5	22	25	20	32,5	48
D1-50 x 32	1143-50	50	105	50	85	24	25	32	25	35	60
D1-60 x 32 *	1143-60	60	115	57,5	110	24,5	25	32	25	42,5	62,5

* - on request

Type 1144 Form D2 inverted



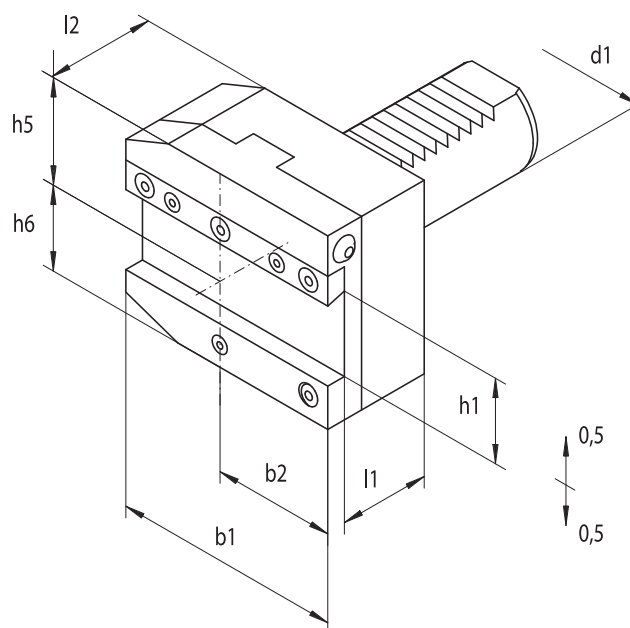
DIN 69880	Type - Size	d1	a	a1	b	b1	b2	h1	h2	h3	h4
D2-25 x 16	1144-25	25	66	33	48	14	14	16	12	30	25
D2-30 x 20	1144-30	30	76	35	60	18	18	20	16	38	35
D2-40 x 25	1144-40	40	90	42,5	72	21,5	22	25	20	48	42,5
D2-50 x 32	1144-50	50	105	50	85	24	25	32	25	60	50
D2-60 x 32 *	1144-60	60	115	57,5	110	24,5	25	32	25	62,5	62,5

* - on request

Example of order: 1143-25

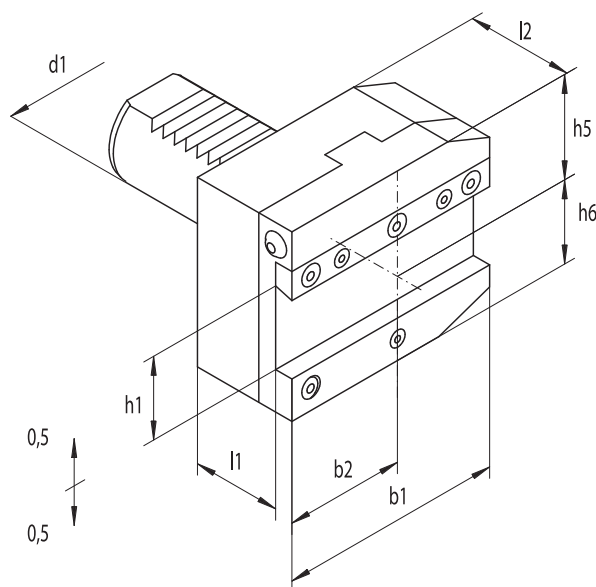
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Type 1154P - right


Type - Size	d1	b1	b2	h1	h5	h6	l1	l2
1154-30-26P	30	70	35	26	35,5	38	44	50
1154-30-32P	30	70	35	32	35,5	40	44	50
1154-40-26P	40	85	42,5	26	35,5	42,5	44	50
1154-40-32P	40	85	42,5	32	35,5	42,5	44	50
1154-50-26P	50	100	50	26	35,5	45	39	45
1154-50-32P	50	100	50	32	35,5	45	39	45
154-60-32P *	60	97	62,5	32	45,5	55	54	60

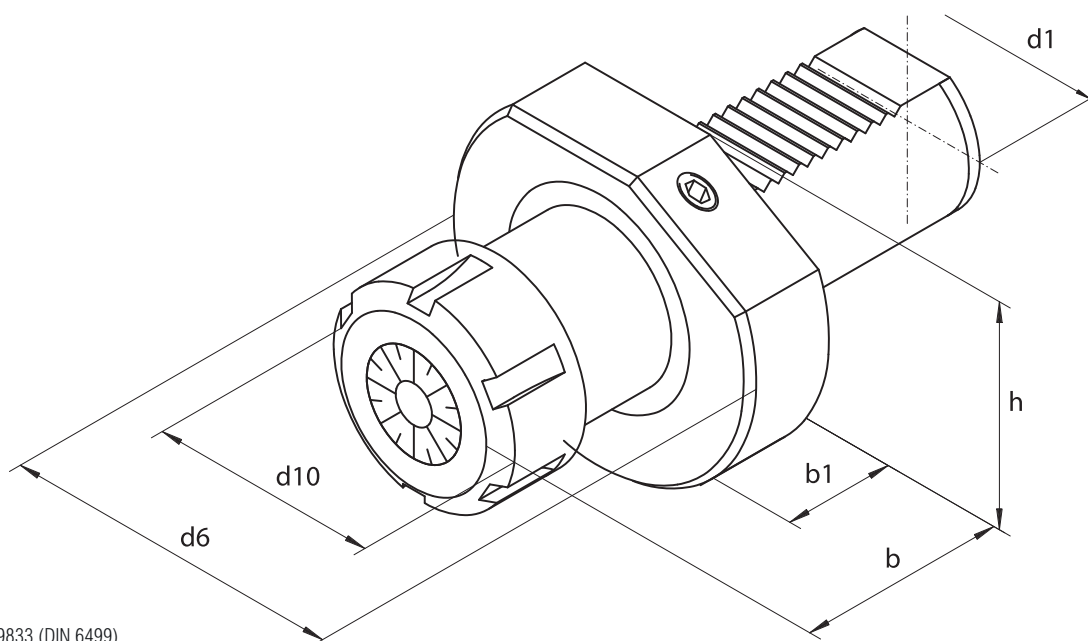
* - on request

Type 1154L - left


Type - Size	d1	b1	b2	h1	h5	h6	l1	l2
1154-30-26L	30	70	35	26	35,5	38	44	50
1154-30-32L	30	70	35	32	35,5	40	44	50
1154-40-26L	40	85	42,5	26	35,5	42,5	44	50
1154-40-32L	40	85	42,5	32	35,5	42,5	44	50
1154-50-26L	50	100	50	26	35,5	45	44	50
1154-50-32L	50	100	50	32	35,5	45	44	50
1154-60-32L *	60	125	62,5	32	45,5	55	54	60

* - on request

Type 1220 - Form E4



Nut - Type 9833 (DIN 6499)

DIN 69880	Type - Size	d1	d6	d10	b	b1	h	Collets	
								ER	Capacity
E4-16 x 20	1220-16-ER20	16	40	35	45	14	18	20	2-13
-	1220-20-ER16	20	50	32	55	18	-	16	2-10
E4-20 x 25	1220-20-ER25	20	50	42	55	18	-	25	2-16
E4-20 x 32	1220-20-ER32	20	50	50	55	18	-	32	2-20
E4-25 x 25	1220-25-ER25	25	58	42	55	18	25	25	2-16
E4-25 x 32	1220-25-ER32	25	58	50	55	18	25	32	2-20
E4-30 x 25	1220-30-ER25	30	68	42	55	22	28	25	2-16
-	1220-30-ER25-L	30	68	42	75	34	28	25	2-16
-	1220-30-ER32	30	68	50	55	22	28	32	2-20
-	1220-30-ER32-L	30	68	50	75	29	28	32	2-20
E4-30 x 40	1220-30-ER40	30	68	63	75	26	28	40	3-26
-	-	40	83	42	69	22	32,5	25	2-16
E4-40 x 32	1220-40-ER32	40	83	50	84	22	32,5	32	2-20
E4-40 x 40	1220-40-ER40	40	83	63	75	22	32,5	40	3-26
-	1220-50-ER32	50	98	50	84	30	35	32	2-20
E4-50 x 40	1220-50-ER40	50	98	63	88	30	35	40	3-26
E4-60 x 40 *	1220-60-ER40	60	123	63	90	30	42,5	40	3-26

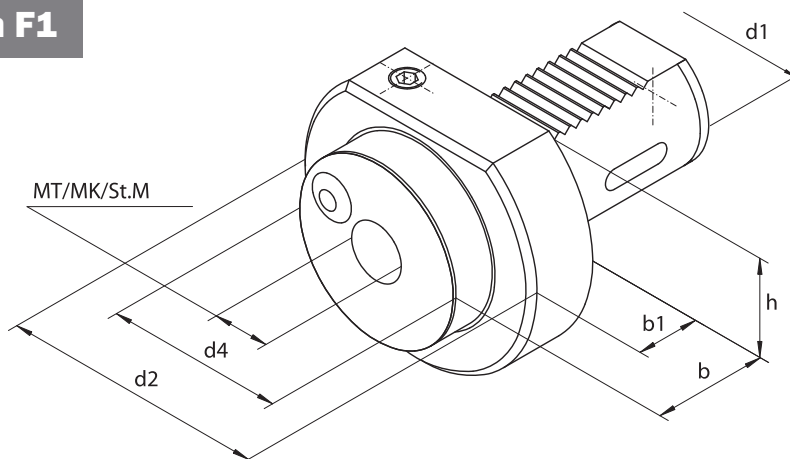
* - on request

Accessories:

- nut
- wrench and collets on request

Example of order: 1220-16-ER20

Type 1224 - Form F1



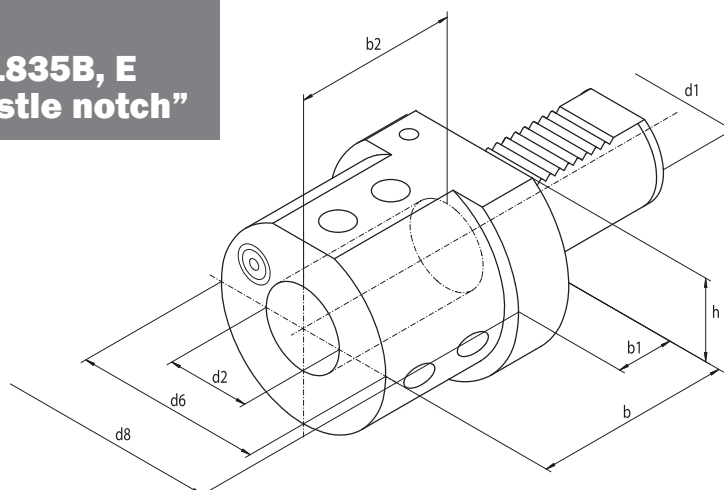
DIN 69880	Type - Size	d1	MT St. M	d2	d4	b	b1	h
F20-MK-DK1	1224-20-1	20	1	50	-	27	-	-
F30-MK-DK1	1224-30-1	30	1	68	68	27	-	28
F30-MK-DK2	1224-30-2	30	2	68	58	36	25	28
-	1224-30-3	30	3	68	68	66	-	28
F40-MK-DK2	1224-40-2	40	2	83	55	36	22	32,5
F40-MK-DK3	1224-40-3	40	3	83	58	50	22	32,5
F40-MK-DK4	1224-40-4	40	4	83	68	80	22	32,5
F50-MK-DK2	1224-50-2	50	2	98	55	36	30	35
F50-MK-DK3	1224-50-3	50	3	98	58	45	30	35
F50-MK-DK4	1224-50-4	50	4	98	68	55	30	35
F60-MK-DK3	1224-60-3	60	3	123	58	47	30	42,5
F60-MK-DK4	1224-60-4	60	4	123	68	58	30	42,5
F60-MK-DK5 *	1224-60-5	60	5	123	98	74	30	42,5

* - on request

Example of order: 1224-20-1

TOOLHOLDERS FOR TOOLS WITH CYLINDRICAL SHANK

Type 1253
According to DIN 1835B, E
and ISO 3338/2 "Whistle notch"



Type - Size	d1	d2	d6	d8	b	b1	b2	h
1253-40-16	40	16	48	83	67	22	54	32,5
1253-40-20	40	20	52	83	67	22	54	32,5
1253-40-25	40	25	65	83	85	22	59	32,5
1253-40-32	40	32	72	83	85	22	63	32,5
1253-40-40 *	40	40	83	83	90	-	73	32,5

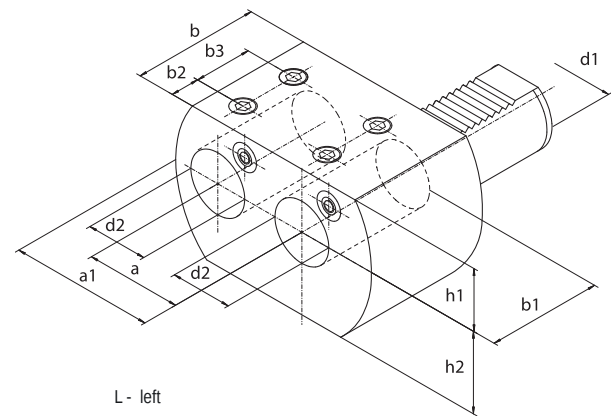
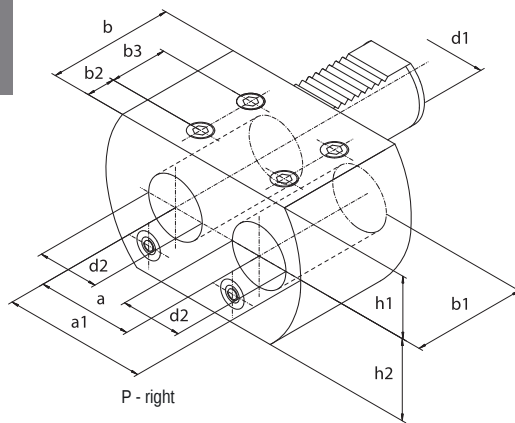
* - on request

F 1253-40-16 1253-40-16

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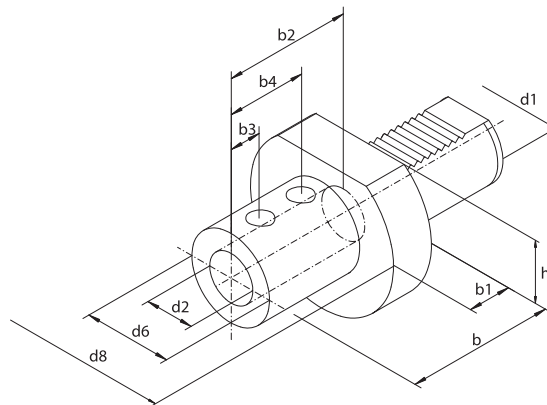
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Type 1252 double



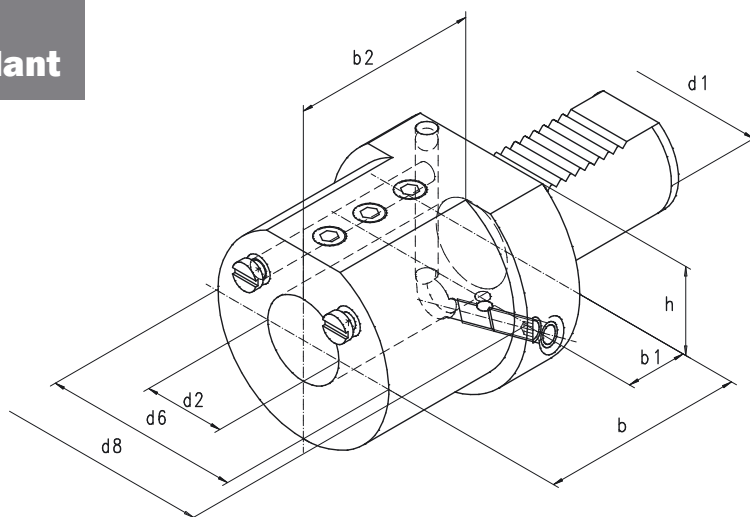
Type - Size	d1	d2/H7	a	a1	b	b1	b2	b3	h1	h2
1252-30-25P	30	25	45	65	56	52	14	24	28	34
1252-30-25L	30	25	45	65	56	52	14	24	28	34
1252-40-32P	40	32	50	75	66	60	15	30	32,5	42,5
1252-40-32L	40	32	50	75	66	60	15	30	32,5	42,5

Type 1254 - Form E1 internal coolant



DIN 69880	Type - Size	d1	d2	d6	d8	b	b1	b2	b3	b4	h
-	1254-20-16	20	16	36	50	67	18	54	15	35	-
E1-20x20	1254-20-20	20	20	40	50	67	18	54	15	35	-
E1-20x25	1254-20-25	20	25	45	50	71	18	59	17	40	-
-	1254-30-16	30	16	36	68	67	22	54	15	35	28
E1-30x20	1254-30-20	30	20	40	68	67	22	54	15	35	28
E1-30x25	1254-30-25	30	25	45	68	71	22	59	17	40	28
E1-30x32	1254-30-32	30	32	52	68	75	22	63	17	44	28
-	1254-30-40	30	40	60	68	90	22	73	22	50	28
-	1254-40-10	40	10	35	83	67	22	41	20	-	32,5
-	1254-40-16	40	16	36	83	67	22	54	15	35	32,5
E1-40x20	1254-40-20	40	20	40	83	67	22	54	15	35	32,5
E1-40x25	1254-40-25	40	25	45	83	75	22	59	17	40	32,5
E1-40x32	1254-40-32	40	32	52	83	75	22	63	17	44	32,5
E1-40x40	1254-40-40	40	40	60	83	90	22	73	22	50	32,5
-	1254-50-12	50	12	40	98	145	30	54	15	35	35
-	1254-50-16	50	16	40	98	145	30	54	15	35	35
E1-50x20	1254-50-20	50	20	40	98	67	30	54	15	35	35
E1-50x25	1254-50-25	50	25	45	98	80	30	59	17	40	35
E1-50x32	1254-50-32	50	32	52	98	80	30	63	17	44	35
E1-50x40	1254-50-40	50	40	60	98	90	30	73	22	50	35
E1-50x50	1254-50-50	50	50	70	98	100	30	83	24	60	35
E1-60x20 *	1254-60-20	60	20	40	123	80	30	54	15	35	42,5
E1-60x25 *	1254-60-25	60	25	45	123	80	30	59	17	40	42,5
E1-60x32 *	1254-60-32	60	32	52	123	80	30	63	17	44	42,5
E1-60x40 *	1254-60-40	60	40	60	123	90	30	73	22	50	42,5
E1-60x50 *	1254-60-50	60	50	70	123	100	30	83	24	60	42,5

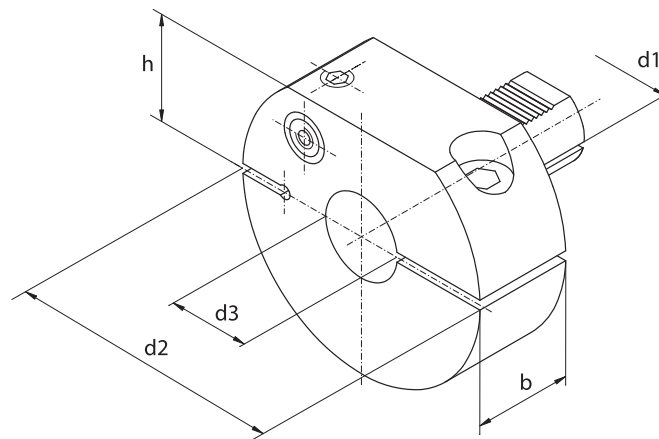
* - on request

Type 1258 - Form E2
internal or external coolant


DIN 69880	Type - Size	d1	d2	d6	d8	b	b1	b2	h
E2-16 x 8	1258-16-8	16	8	32	40	44	14	34	18
E2-16 x 10	1258-16-10	16	10	32	40	44	14	34	18
E2-16 x 12	1258-16-12	16	12	40	40	44	14	34	18
E2-16 x 16	1258-16-16	16	16	40	40	44	14	34	18
E2-20 x 8	1258-20-8	20	8	40	50	50	18	41	-
E2-20 x 10	1258-20-10	20	10	40	50	50	18	41	-
E2-20 x 12	1258-20-12	20	12	40	50	50	18	41	-
E2-20 x 16	1258-20-16	20	16	40	50	50	18	41	-
E2-20 x 20	1258-20-20	20	20	50	50	50	18	41	-
E2-20 x 25	1258-20-25	20	25	50	50	60	18	51	-
E2-30 x 8	1258-30-8	30	8	55	68	60	22	51	28
E2-30 x 10	1258-30-10	30	10	55	68	60	22	51	28
E2-30 x 12	1258-30-12	30	12	55	68	60	22	51	28
E2-30 x 16	1258-30-16	30	16	55	68	60	22	51	28
E2-30 x 20	1258-30-20	30	20	55	68	60	22	51	28
E2-30 x 25	1258-30-25	30	25	55	68	60	22	51	28
-	1258-30-30	30	30	68	68	75	22	51	28
E2-30 x 32	1258-30-32	30	32	68	68	75	22	61	28
-	1258-40-8	40	8	50	83	75	22	61	32,5
-	1258-40-10	40	10	50	83	75	22	61	32,5
E2-40 x 12	1258-40-12	40	12	50	83	75	22	61	32,5
E2-40 x 16	1258-40-16	40	16	55	83	75	22	61	32,5
E2-40 x 20	1258-40-20	40	20	55	83	75	22	61	32,5
E2-40 x 25	1258-40-25	40	25	60	83	75	22	61	32,5
-	1258-40-30	40	30	72	83	75	22	61	32,5
E2-40 x 32	1258-40-32	40	32	72	83	75	22	61	32,5
E2-40 x 40	1258-40-40	40	40	83	83	90	22	76	32,5
-	1258-50-10	50	10	50	98	75	30	62	35
-	1258-50-12	50	12	56	98	90	30	76	35
E2-50 x 16	1258-50-16	50	16	56	98	90	30	76	35
E2-50 x 20	1258-50-20	50	20	56	98	90	30	76	35
E2-50 x 25	1258-50-25	50	25	65	98	90	30	76	35
-	1258-50-30	50	30	68	98	90	30	76	35
E2-50 x 32	1258-50-32	50	32	68	98	90	30	76	35
E2-50 x 40	1258-50-40	50	40	80	98	90	30	76	35
E2-50 x 50	1258-50-50	50	50	90	98	100	30	86	35
-	1258-60-12	60	12	68	123	90	30	76	42,5
E2-60 x 16 *	1258-60-16	60	16	68	123	90	30	76	42,5
E2-60 x 20 *	1258-60-20	60	20	68	123	90	30	76	42,5
E2-60 x 25 *	1258-60-25	60	25	68	123	90	30	76	42,5
E2-60 x 32 *	1258-60-32	60	32	68	123	90	30	76	42,5
E2-60 x 40 *	1258-60-40	60	40	98	123	90	30	76	42,5
E2-60 x 50 *	1258-60-50	60	50	98	123	100	30	86	42,5

* - on request

Type 1230

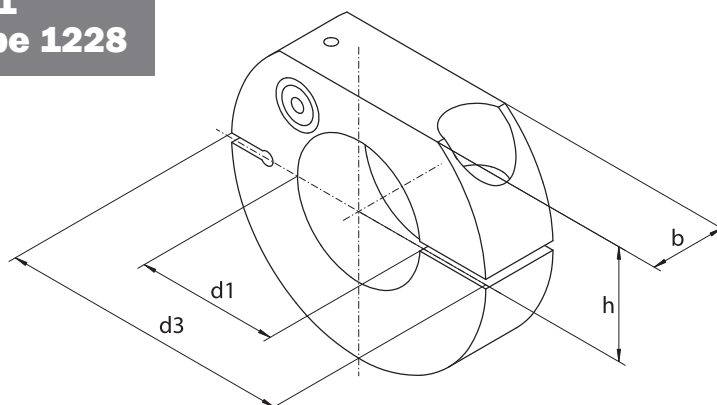


Type - Size	d1	d2	d3	b	h
1230-30-12	30	68	12	30	28
1230-30-16	30	68	16	30	28
1230-30-20	30	68	20	30	28
1230-40-12	40	83	12	30	32,5
1230-40-16	40	83	16	30	32,5
1230-40-20	40	83	20	30	32,5
1230-40-25	40	83	25	30	32,5
1230-50-16	50	98	16	30	35
1230-50-20	50	98	20	30	35
1230-50-25	50	98	25	30	35
1230-50-32	50	98	32	30	35
1230-60-16	60	123	16	30	42,5
1230-60-25	60	123	25	30	42,5
1230-60-32	60	123	32	30	42,5
1230-60-40	60	123	40	30	42,5

Example of order: 1230-30-20

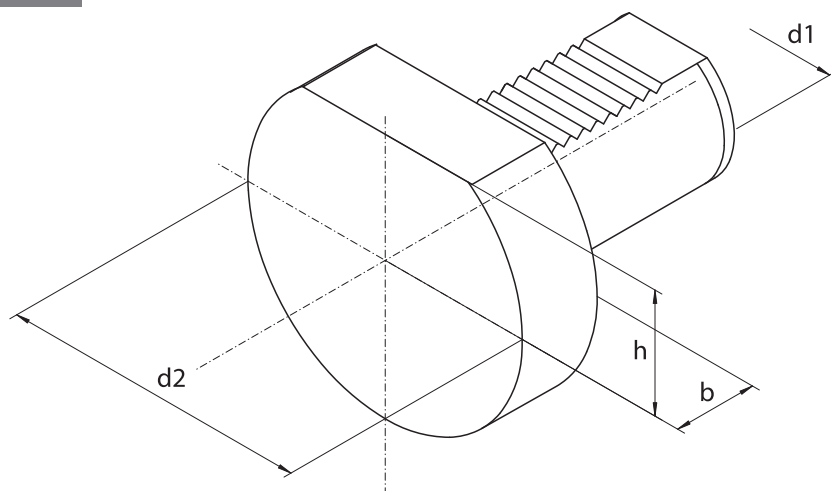
CLAMPING RING

Type 1227 - Form Z1 Used with the sleeves type 1228



DIN 69880	Type - Size	d1	d3	b	h
Z1-20	1227-20	20	50	16	23
Z1-25	1227-25	25	58	16	25
Z1-30	1227-30	30	68	22	28
Z1-40	1227-40	40	83	22	32,5
Z1-50	1227-50	50	98	30	35
Z1-60	1227-60	60	123	30	42,5

Type 1225 - Form Z2



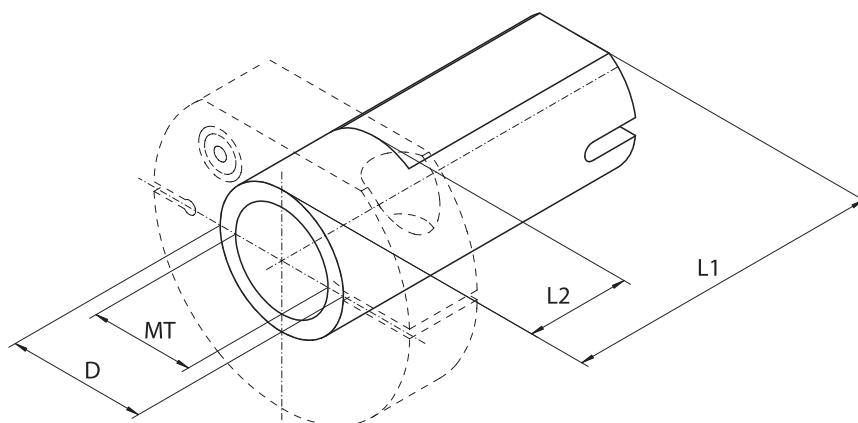
DIN 69880	Type - Size	d1	d2	b	h
Z2-16	1225-16	16	40	13	18
Z2-20	1225-20	20	50	16	23
Z2-25	1225-25	25	58	16	25
Z2-30	1225-30	30	68	16	28
Z2-40	1225-40	40	83	20	32,5
Z2-50	1225-50	50	98	20	35
Z2-60 *	1225-60	60	123	20	42,5
Z2-80 *	1225-80	80	123	20	42,5

* - on request

Example of order: 1225-16

REDUCING SLEEVES WITH MORSE TAPER

Type 1228



Type - Size	D	Morse Taper	L1	L2
1228-40-2BI	40	2	95	30
1228-40-3BI	40	3	95	30
1228-40-4BI	40	4	118	55

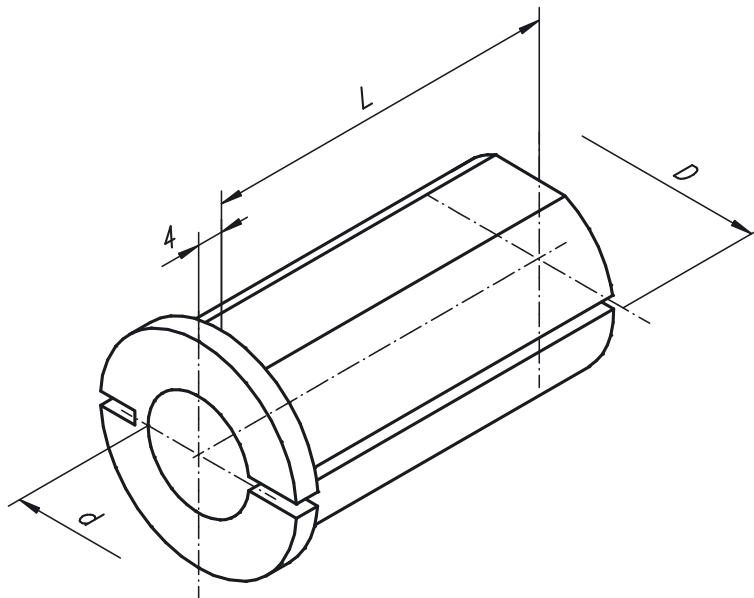
* - on request

Example of order: 1228-40-2BI

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Type 1226 Used with the holders type 1254, 1258



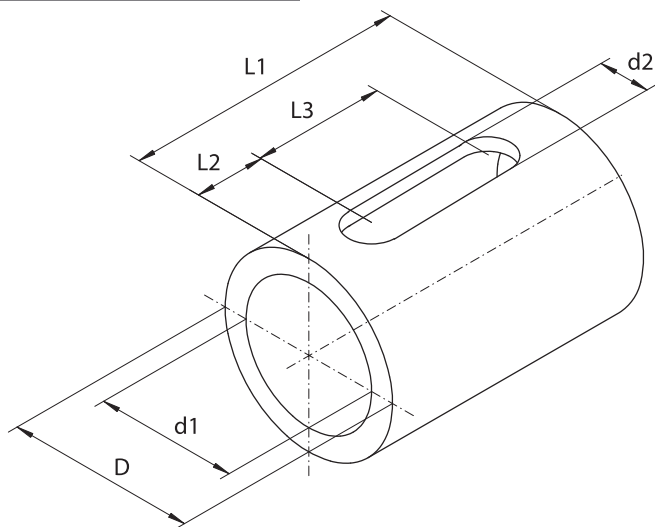
Type - Size	D	d	L
1226-20-8-50	20	8	50
1226-20-10-50	20	10	50
1226-20-12-50	20	12	50
1226-20-8-60	20	8	60
1226-20-10-60	20	10	60
1226-20-12-60	20	12	60
1226-25-8-50	25	8	50
1226-25-10-50	25	10	50
1226-25-12-50	25	12	50
1226-25-16-50	25	16	50
1226-25-8-60	25	8	60
1226-25-10-60	25	10	60
1226-25-12-60	25	12	60
1226-25-16-60	25	16	60
1226-25-12-75	25	12	75
1226-25-16-75	25	16	75
1226-32-8-60	32	8	60
1226-32-10-60	32	10	60
1226-32-12-60	32	12	60
1226-32-16-60	32	16	60
1226-32-20-60	32	20	60
1226-32-25-60	32	25	60
1226-32-12-75	32	12	75
1226-32-16-75	32	16	75
1226-32-20-75	32	20	75
1226-32-25-75	32	25	75
1226-40-12-75	40	12	75
1226-40-16-75	40	16	75
1226-40-20-75	40	20	75
1226-40-25-75	40	25	75
1226-40-32-75	40	32	75
1226-50-12-75	50	12	75
1226-50-16-75	50	16	75
1226-50-20-75	50	20	75
1226-50-25-75	50	25	75
1226-50-32-75	50	32	75
1226-50-40-75	50	40	75

Example of order: 1226-20-8-50

• ALL-ROUND MACHINERY AND TOOL COMPANY •

Herelsestraat 175 B • 4726 SR Heerle (N-br) • T (+31) 0165 30 41 88 • F (+31) 0165 30 47 58 • E info@amtc.eu
I www.amtc.eu • Rabobank Steenbergen 136909485 • Kvk nr. 20113992 te Breda • Holland

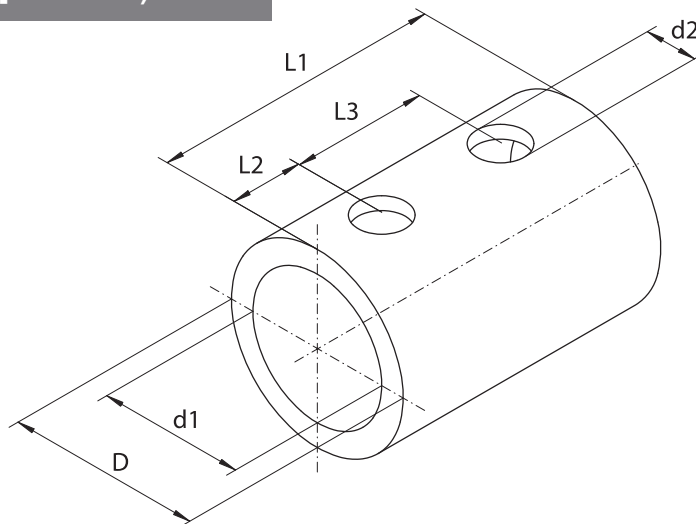
Type 1248 Used with the holders type 1254, 1258



Type - Size	D	d1	d2	L1	L2	L3
1248-32-12	32	12	13	60	15	30
1248-32-16		16				
1248-32-20		20				
1248-32-25		25				

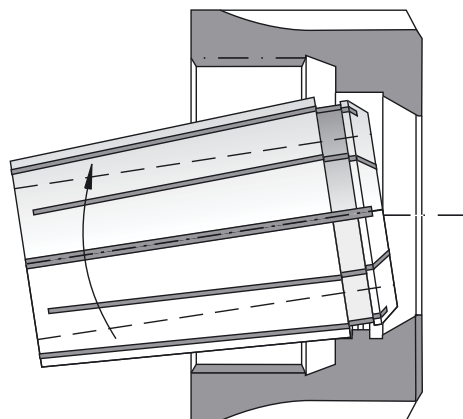
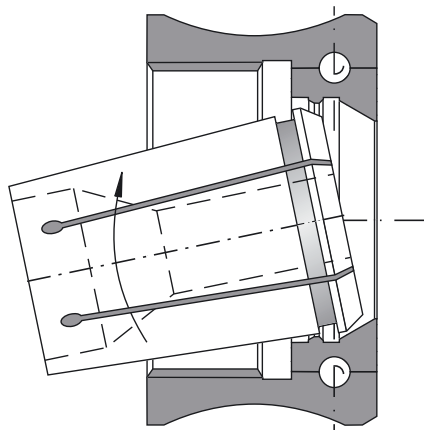
Example of order: 1248-32-12

Type 1249 Used with the holders type 1254, 1258



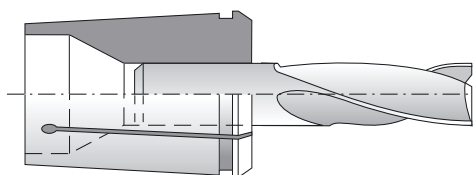
Type - Size	D	d1	d2	L1	L2	L3
1249-20-8	20	8	11	48	14	20
1249-20-10		10				
1249-20-12		12				
1249-20-16		16				
1249-25-5	25	5	13	55	16	23
1249-25-8		8				
1249-25-10		10				
1249-25-12		12				
1249-25-16		16				
1249-25-18		18				
1249-25-20		20				

Example of order: 1249-20-8



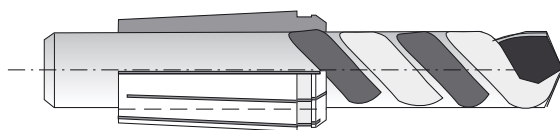
To use:

- First, insert the collet into the chuck nut by squeezing the collet and pressing its face into the chuck nut's collar ring until the collet's collar is firmly in place
- Next, load the collet into the chuck
- Put the tool into the collet's hole and clamp the nut with the wrench
- For collet removal, simply squeeze the collet while pulling it from the chuck nut at an angle



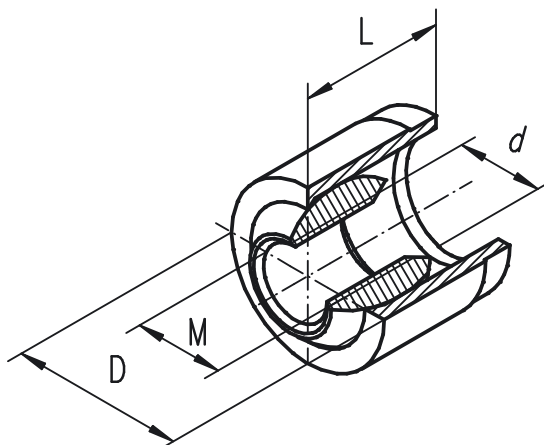
DIN 6388-A

- single slotted, with shorter clamping bore

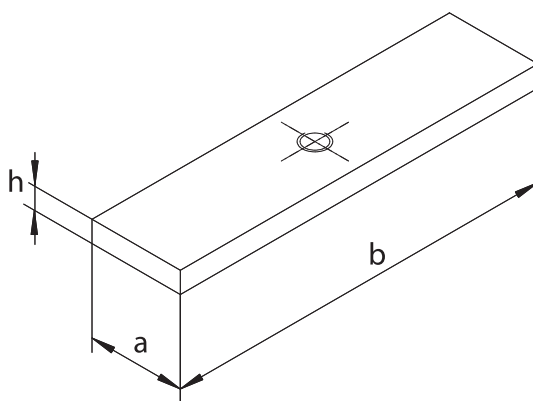


DIN 6388-B

- double slotted - 0,5 mm

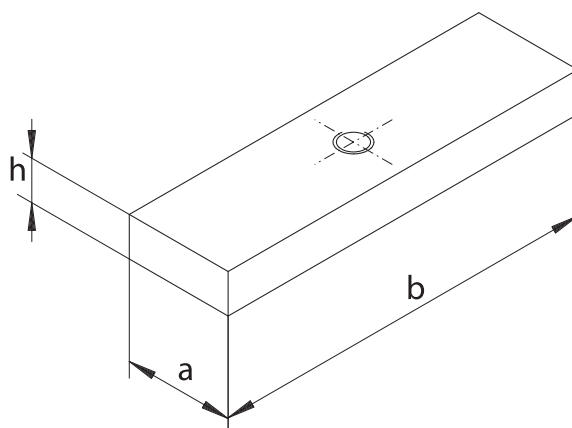
Collant nozzle


DIN 69880	D	Ball Ø	M	d	L
Z3-8	10	8	M4	6	10
Z3-10	12	10	M6	8	10
Z3-12	14	12	M8	10	10

Plate


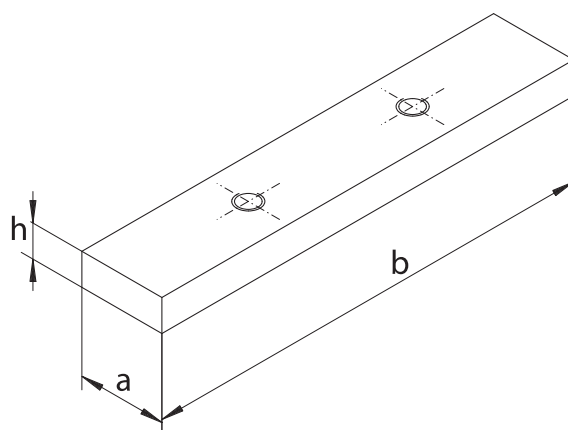
For		a	b	h
1114-16P 1114-16P-L	1115-16P 1115-16P-L	10,5	41	2
1114-20P	1114-20P-L	13,5	54	4
1124-30P 1124-30P-L 1125-30L 1124-30L-L	1125-30P 1125-30P-L 1124-30L 1125-30L-L	17,5	99	4
1114-30P 1114-30P-L 1114-30L 1114-30L-L 1133-30P 1133-30L	1115-30P 1115-30P-L 1115-30L 1115-30L-L 1134-30P 1134-30L	17,5	69	4
1124-40P 1124-40L	1125-40P 1125-40L	21,5	117	5
1133-40P	1134-40P	21,2	84	5
1114-40P 1114-40L 1133-40L	1115-40P 1115-40L 1134-40L	21,5	84	5
1133-50L	1134-50L	24,2	99	7
1133-50P	1134-50P	23,7	99	7
1124-50P 1124-50L	1125-50P 1125-50L	24,5	129	7
1114-50P 1124-50L	1115-50P 1125-50L	24,5	99	7

Fixation wedge



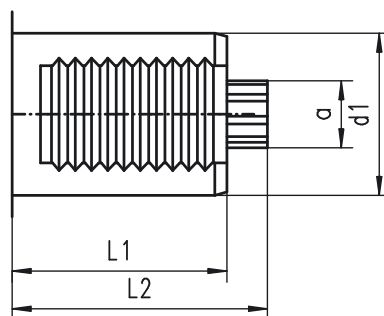
Do		a	b	h
1114-16P 1114-16P-L	1115-16P 1115-16P-L	10,5	36	4,5
1114-20P	1114-20P-L	13,5	47	5
1114-30P 1114-30P-L 1114-30L 1114-30L-L 1133-30P 1133-30L	1115-30P 1115-30P-L 1115-30L 1115-30L-L 1134-30P 1134-30L	17,5	59	8
1133-40P	1134-40P	21,2	72	8
1114-40P 1114-40L 1133-40L	1115-40P 1115-40L 1134-40L	21,5	72	8
1133-50L	1134-50L	24,2	83	8
1133-50P	1134-50P	23,7	83	8
1114-50P 1114-50L	1115-50P 1115-50L	24,5	83	8

Fixation wedge



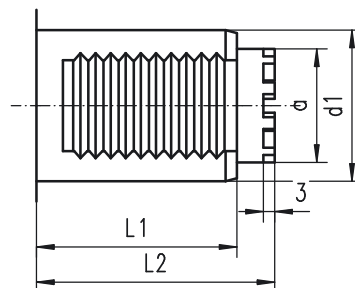
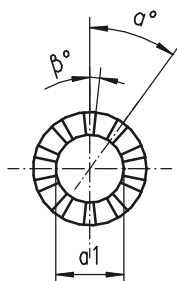
For		a	b	h
1124-30P 1124-30P-L 1125-30L 1124-30L-L	1125-30P 1125-30P-L 1124-30L 1125-30L-L	17,5	89	8
1124-40P 1124-40L	1125-40P 1125-40L	21,5	105	8
1124-50P 1124-50L	1125-50P 1125-50L	24,5	113	8

Coupling to DIN 5482



Size	30		40		50	
d1h6	30		40		50	
L1	45	45	53	63	78	78
L2	55	55	63	79	93	93
a	B15x12	B17x14	B17x14	B20x17	B25x22	B25x22

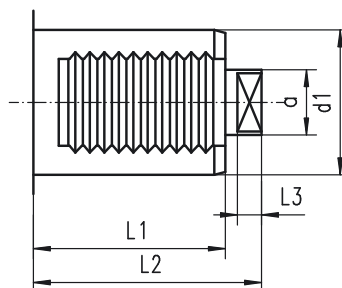
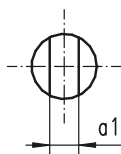
Spur coupling



Size	30		40		50	
d1h6	30		40		50	
L1	45		53		71	
L2	60,5		68,5		83,5	
a	20		30		30	
a1	12		18		18	
α°	45		36		36	
β°	17		12,5		12,5	

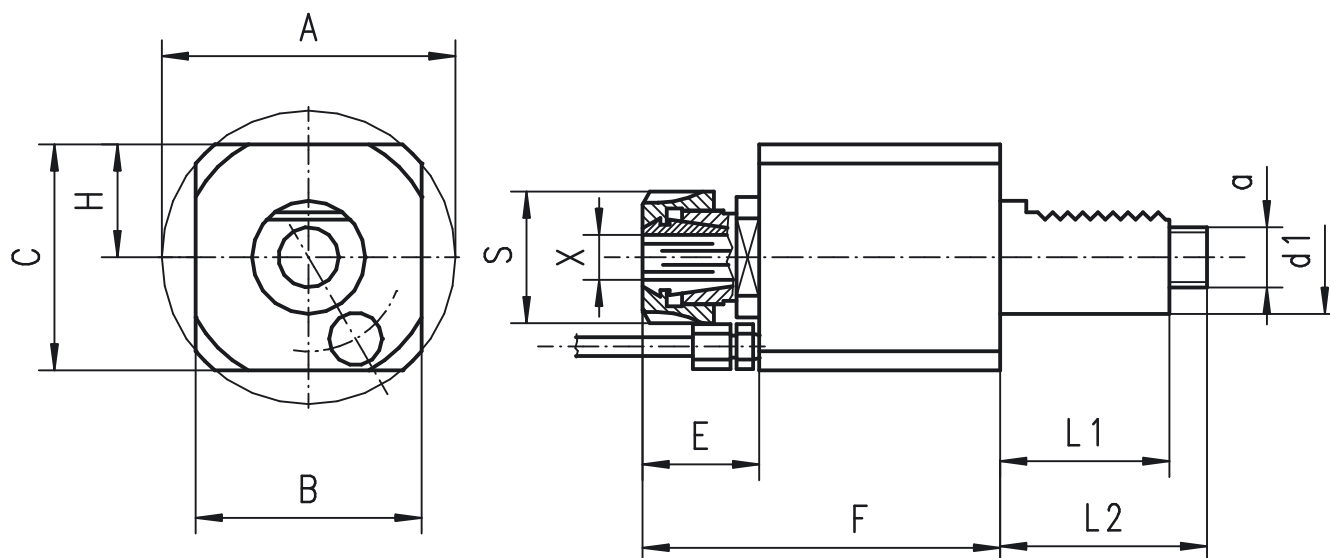
5

Coupling to DIN 1809



Size	30		40		50	
d1h6	30		40		50	
L1	45	55	53	63	78	78
L2	60		72		92	
L3	6		8		13	
a	12		18		24	
a1h12	6		8		13	

Type 7901 Nut - Type 9833 (DIN 6499)



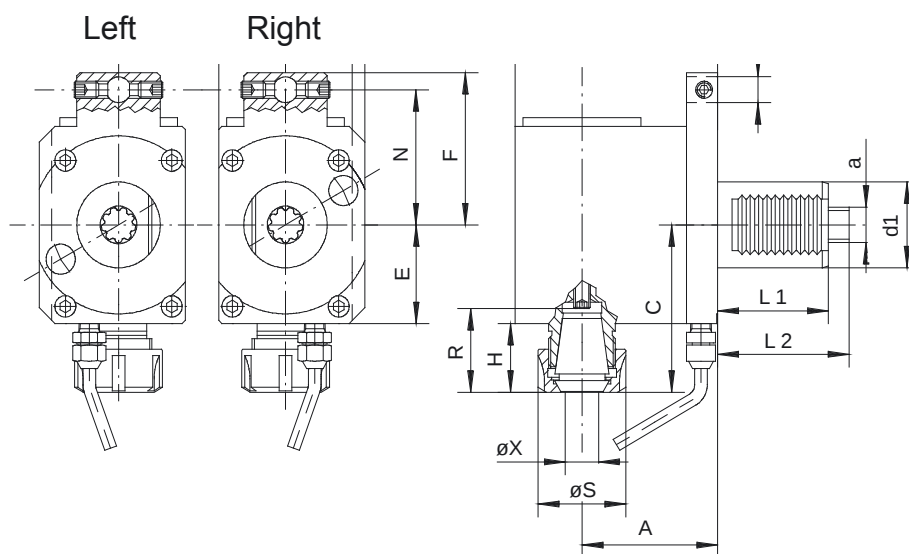
Type - Size	d1	a DIN 5482	L1	L2	A	B	C	E	F	H	S	DIN 6499 Collets		rpm max	Nm max
												ER	X		
7901-30C-ER20	30	B15x 12	45	55	78	60	64,5	30,7	95	30	35	20	2-13	5000	32
7901-30C-ER25	30	B17x 14	45	55	85	68	72	31,7	120	34	42	25	2-16	5000	40
7901-40C-ER25	40	B17x 14	53	63	85	68	72	31,7	121	34	42	25	2-16	5000	40
7901-40C-ER32	40	B20x 17	63	79	98	83	85	37,2	127	41,5	50	32	2-20	3000	50
7901-50C-ER32	50	B20x 17	78	93	98	83	85	37,2	127	41,5	50	32	2-20	3000	50
7901-50C-ER40	50	B25x 22	78	93	120	96	98	37,7	137	48	63	40	3-26	3000	63

Accessories:

- nut
- wrench and collets on request

Example of order: 7901-30C-ER20

Type 8011 - on request
Nut - Type 9833 (DIN 6499)



Type - Size	d ₁	^a DIN 5482	A	B	C	E	F	G	H	K	L ₁	L ₂	N	O	R	S
8011-30C-ER20-P	30	B15x 12	65	97	78	46	50	64	31,5	-	45	55	40	10	38	35
8011-30C-ER20-L																
8011-40C-ER25-P	40	B17x 14	65	97	78	46	71	64	32	6	53	63	63	12	42	42
8011-40C-ER25-L																

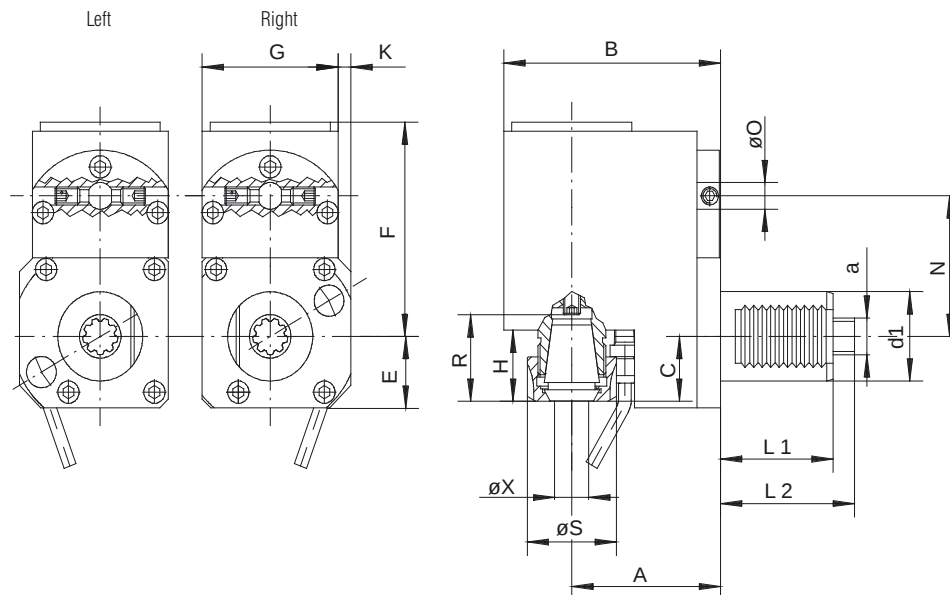
Type - Size	DIN 6499 Collets		rpm max	Nm max
	ER	X		
8011-30C-ER20-P	20	2-13	4000	25
8011-30C-ER20-L				
8011-40C-ER25-P	25	2-16	4000	25
8011-40C-ER25-L				

Accessories:

- nut
- wrench and collets on request

Example of order: 8011-30C-ER20-P

Type 8021 - on request Nut - Type 9833 (DIN 6499)



Type - Size	d1	^a DIN 5482	A	B	C	E	F	G	H	K	L1	L2	N	O	R	S
8021-30C-ER20-P	30	B15 x 12	70	102	32	32	96	64	31,5	-	45	55	40	10	38	35
8021-30C-ER20-L																
8021-40C-ER25-P	40	B17 x 14	70	102	32	32	96	64	32	6	53	63	63	12	42	42
8021-40C-ER25-L																

Type - Size	DIN 6499 Collets		rpm max	Nm max
	ER	X		
8021-30C-ER20-P	20	2-13	4000	25
8021-30C-ER20-L				
8021-40C-ER25-P	25	2-16	4000	25
8021-40C-ER25-L				

Accessories:

- nut
- wrench and collets on request

Example of order: 8021-30C-ER20-P

