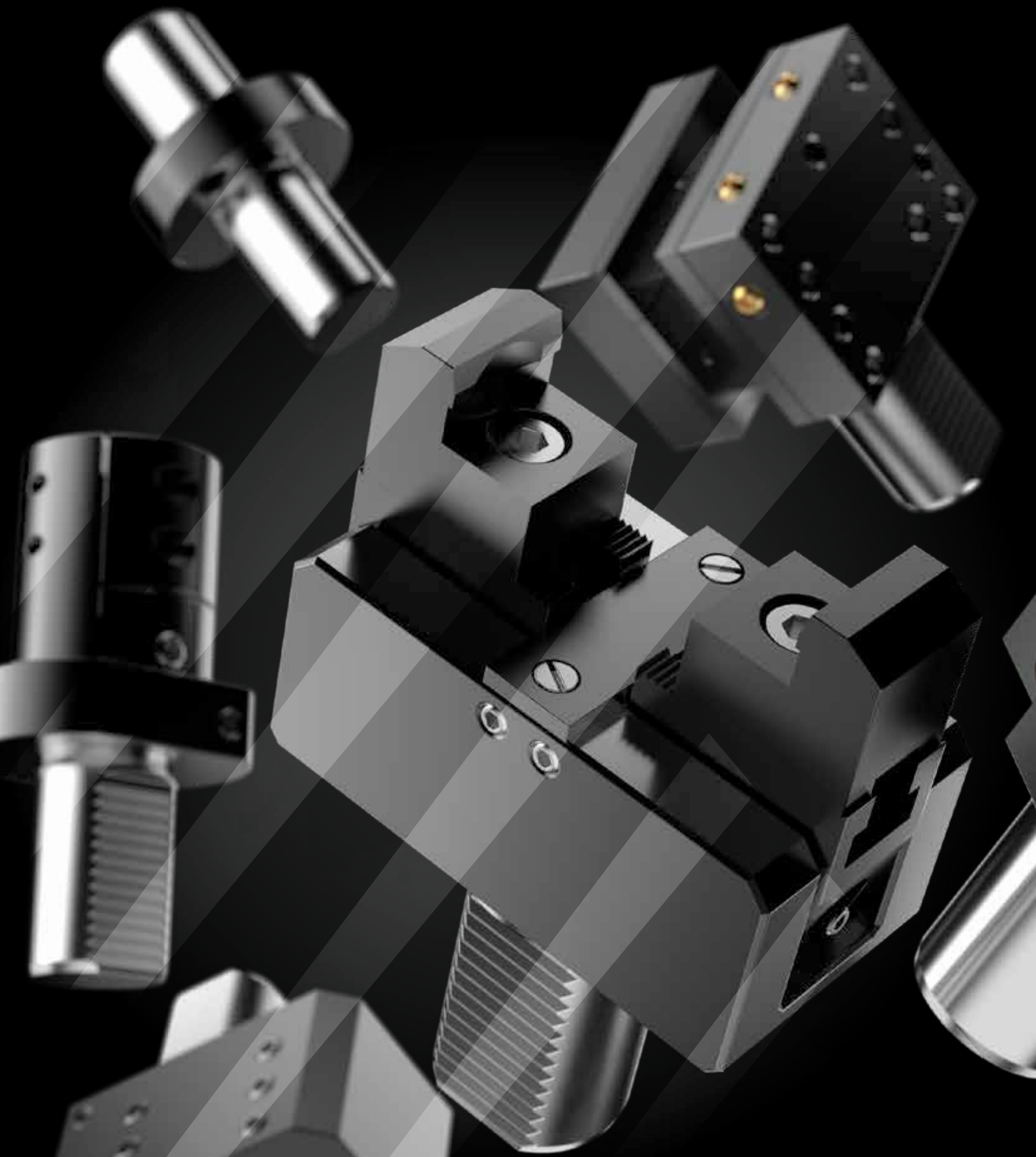
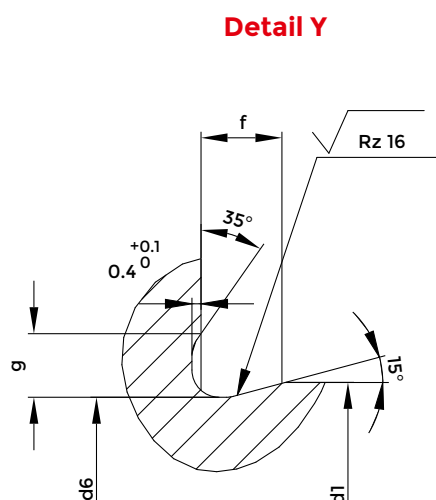




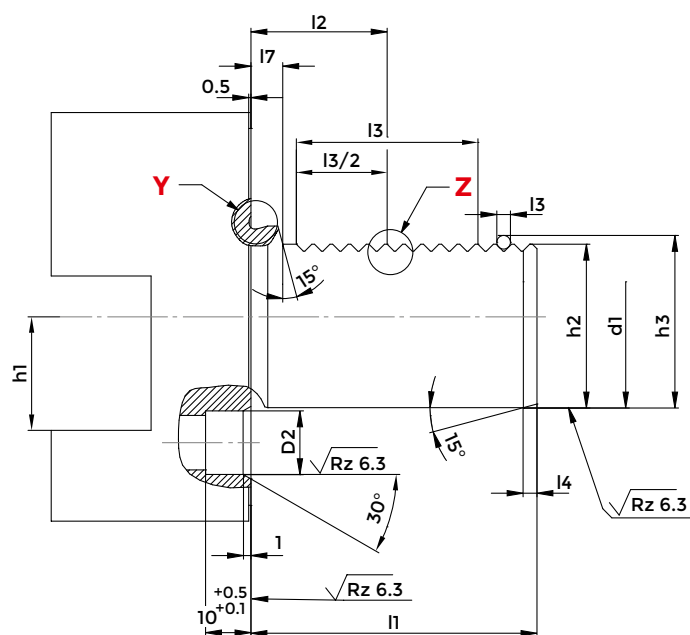
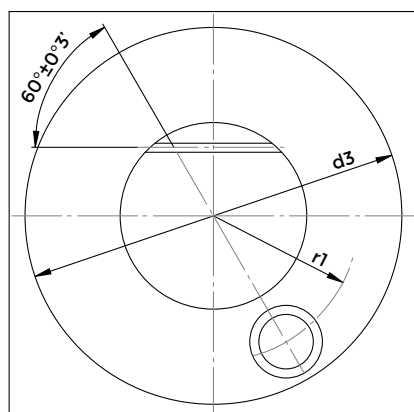
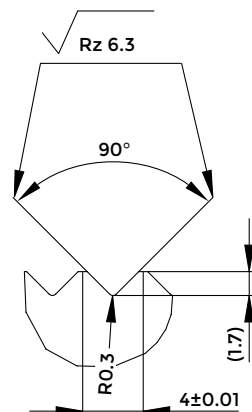
VDI TOOLHOLDERS

FOR CNC LATHES DIN 69880

TOOL HOLDER WITH PARALLEL SHANK, TECHNICAL SPECIFICATIONS



Detail Z



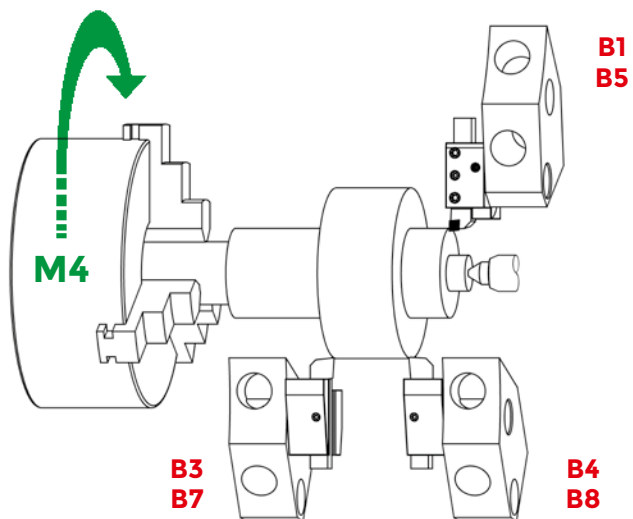
DIN69880

d1 h6	l1 ±0.3	D2	d3	d6 0.1	f	g	h1 max.	h2 ±0.1	h3 ±0.1	l2 ±0.05	l3 min.	l4 +1	l7	r1 ±0.02	O-RING
16	32	8 H6	40	15.4	2.0	1.7	12	15	16.92	12.7	16	2	3.5	14.5	15x1,5
20	40	10 H6	50	19.1	2.4	2	16	18	19.92	21.7	24	2	7	18	18,77x1,78
25	48	10 H6	58	24.1	2.4	2	16	23.5	25.42	21.7	24	2	7	21	23,52x1,78
30	55	14 H8	68	29.1	2.4	2	20	27	28.92	29.7	40	2	7	25	28,3x1,78
40	63	14 H8	83	38.7	3.7	2.8	25	36	37.92	29.7	40	3	7	32	37,77x2,62
50	78	16 H8	98	48.7	3.7	2.8	32	45	46.92	35.7	48	3	8	37	47,29x2,62
60	94	16 H8	123	58.7	4.3	3.7	32	55	56.92	43.7	56	4	10	48	56,74x3,53
80	124	20 H8	158	78.7	4.3	3.7	40	72	73.92	59.7	80	4	10	65	75.79x3.53

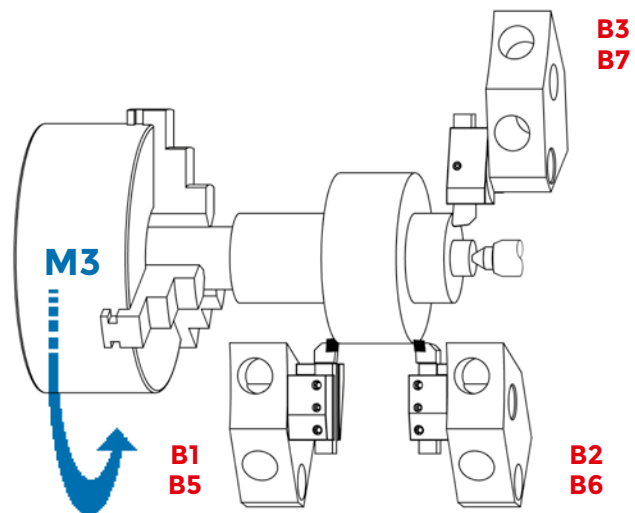
O-ring included in radial VDI

USE OF RADIAL VDI TOOLHOLDERS

WITH M4 SPINDLE ROTATION

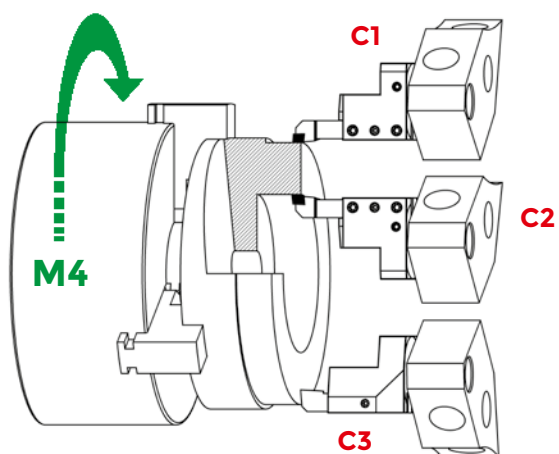


WITH M3 SPINDLE ROTATION

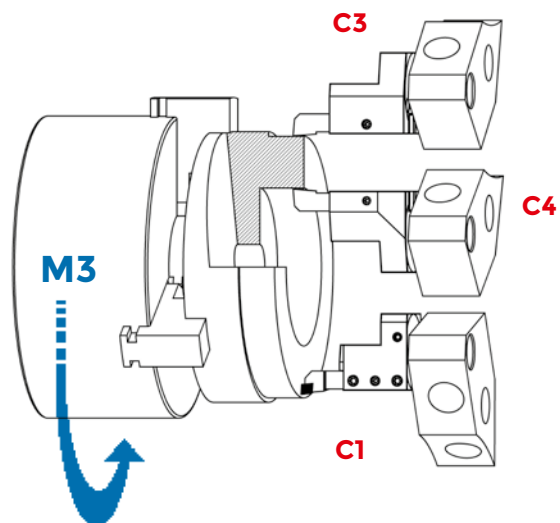


USE OF AXIAL VDI TOOLHOLDERS

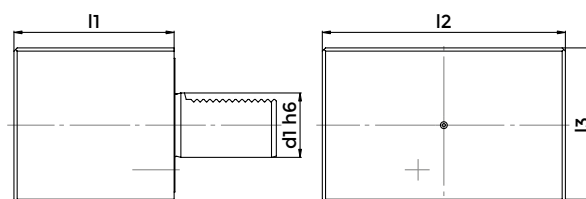
WITH M4 SPINDLE ROTATION



WITH M3 SPINDLE ROTATION



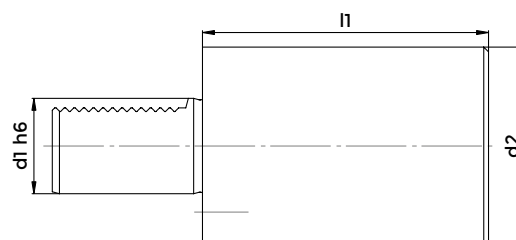
RECTANGULAR BLANK FOR SPECIAL VERSIONS



DIN 69880 - A1

COD.	d1	l1	l2	l3
5616	30	85	130	76
5635	40	100	151	96
5636	50	125	160	120
9356	60	160	165	125

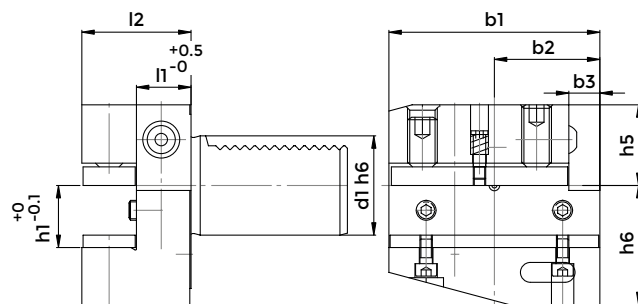
ROUND BLANK FOR SPECIAL VERSIONS



DIN 69880 - A2

COD.	d1	d2	l1
5602	16	40	60
5637	20	50	70
A2-25x200	25	58	200
5615	30	68	100
5638	30	68	240
5639	40	83	120
5640	40	83	320
5641	50	98	135
5642	50	98	400
9357	60	123	150
9358	60	123	480

RADIAL HOLDER, RH, SHORT



DIN 69880 - B1

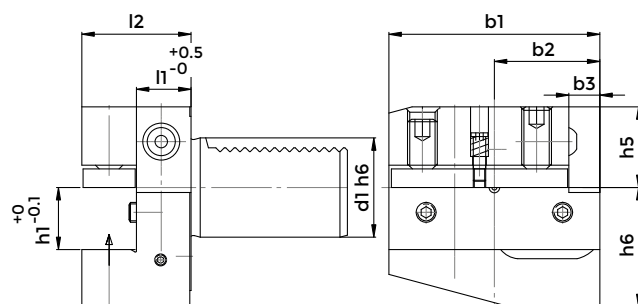
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
5605	16	42	23	5	12	20	22	13	24
5643	20	55	30	7	16/12	25	30	16	30
5617	30	70	35	10	20/16	28	38	22	40
5738	30	70	35	10	20/16	28	38	42	60
5649	40	85	42.5	12.5	25/20	32.5	48	22	44
5795	50	100	50	16	32/25	35	60	30	55
9359	60	125	62.5	16	32/25	42.5	62.5	30	60

Spare parts p. 526

RADIAL HOLDER, RH, SHORT



IC VERSION

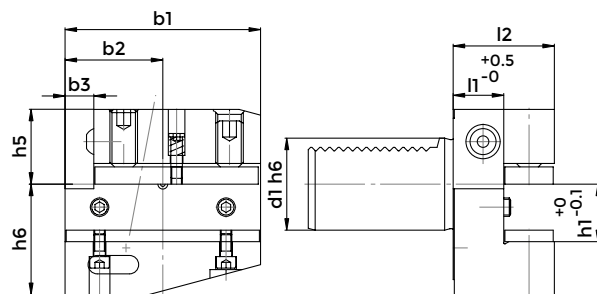


DIN 69880 - B1

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
B1-30x20x40-IC	30	70	35	10	20	28	38	22	40
B1-40x25x44-IC	40	85	42.5	12.5	25	32.5	48	22	44

Spare parts p. 526

RADIAL HOLDER, LH, SHORT



DIN 69880 - B2

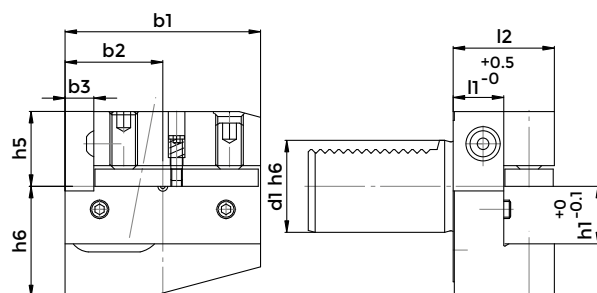
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
5650	20	55	30	7	16/12	25	30	16	30
5624	30	70	35	10	20/16	28	38	22	40
5739	30	70	35	10	20/16	28	38	42	60
5656	40	85	42.5	12.5	25/20	32.5	48	22	44
5796	50	100	50	16	32/25	35	60	30	55
9360	60	125	62.5	16	32/25	42.5	62.5	30	60

Spare parts p. 526

RADIAL HOLDER, LH, SHORT



IC VERSION 

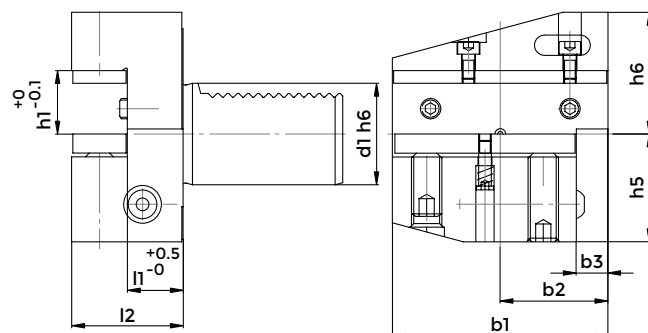


DIN 69880 - B2

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
B2-30x20x40-IC	30	70	35	10	20	28	38	22	40
B2-40x25x44-IC	40	85	42.5	12.5	25	32.5	48	22	44

Spare parts p. 526

RADIAL HOLDER, UPSIDE-DOWN, RH, SHORT



DIN 69880 - B3

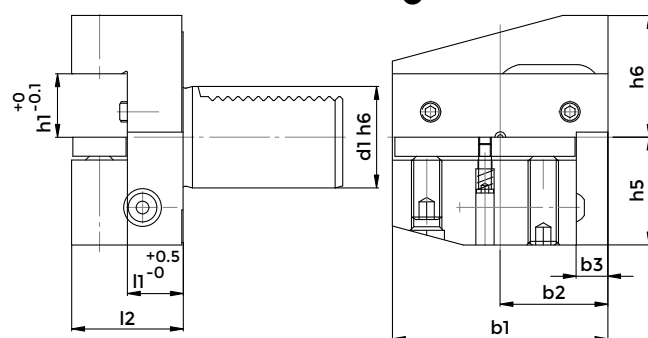
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
5654	16	42	23	5	12	20	22	13	24
5657	20	55	30	7	16/12	25	30	16	30
B3-20x16x40	20	55	30	7	16/12	25	30	26	40
5621	30	70	35	10	20/16	35	38	22	40
5663	40	85	42.5	12.5	25/20	42.5	48	22	44
5797	50	100	50	16	32/25	50	60	30	55
9361	60	125	62.5	16	32/25	62.5	62.5	30	60

Spare parts p. 526

RADIAL HOLDER, UPSIDE-DOWN, RH, SHORT



IC VERSION

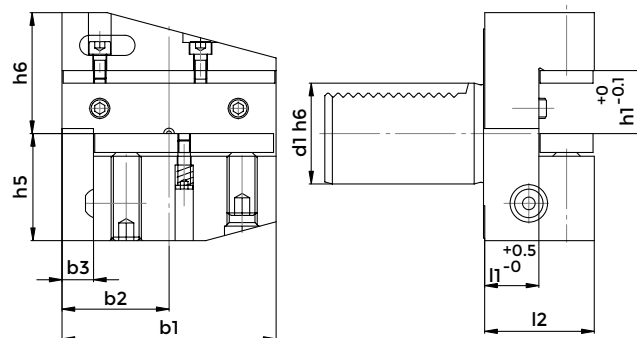


DIN 69880 - B3

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
B3-30x20x40-IC	30	70	35	10	20	35	38	22	40
B3-40x25x44-IC	40	85	42.5	12.5	25	42.5	48	22	44

Spare parts p. 526

RADIAL HOLDER, UPSIDE-DOWN, LH, SHORT



DIN 69880 - B4

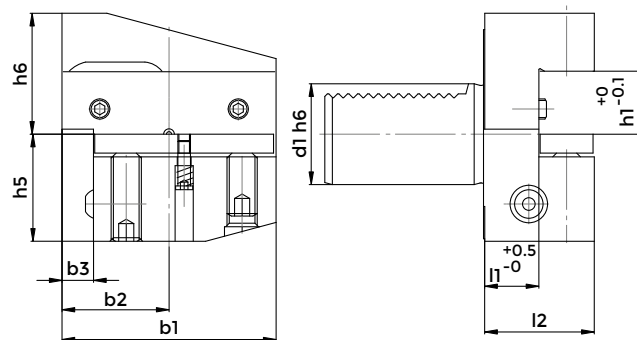
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
5627	30	70	35	10	20/16	35	38	22	40
5670	40	85	42.5	12.5	25/20	42.5	48	22	44
5798	50	100	50	16	32/25	50	60	30	55
9362	60	125	62.5	16	32/25	62.5	62.5	30	60

Spare parts p. 526

RADIAL HOLDER, UPSIDE-DOWN, LH, SHORT



IC VERSION

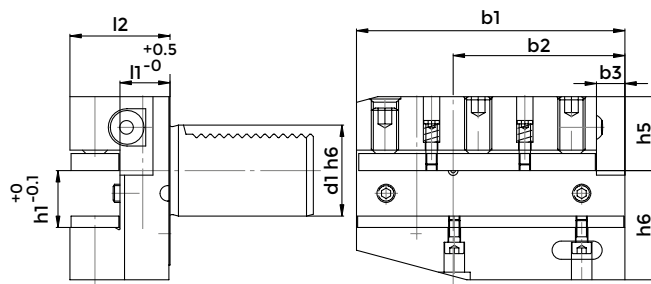


DIN 69880 - B4

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
B4-30x20x40-IC	30	70	35	10	20	35	38	22	40
B4-40x25x44-IC	40	85	42.5	12.5	25	42.5	48	22	44

Spare parts p. 526

RADIAL HOLDER, RH, LONG

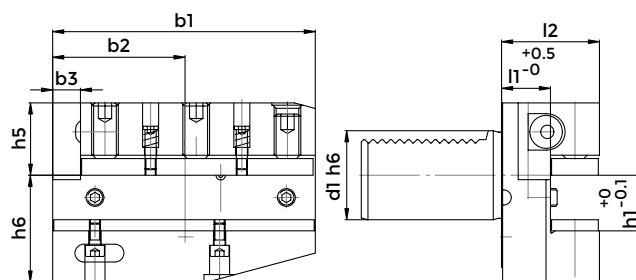


DIN 69880 - B5

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
5620	30	100	65	10	20/16	28	38	22	40
5677	40	118	75.5	12.5	25/20	32.5	48	22	44
5802	50	130	80	16	32/25	35	60	30	55
9363	60	145	82.5	16	32/25	42.5	62.5	30	60

Spare parts p. 527

RADIAL HOLDER, LH, LONG

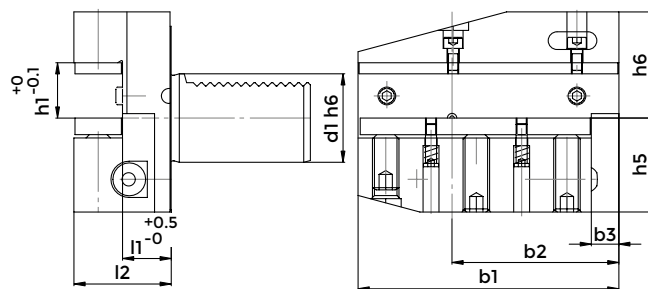


DIN 69880 - B6

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
5619	30	100	65	10	20/16	28	38	22	40
5684	40	118	75.5	12.5	25/20	32.5	48	22	44
5791	50	130	80	16	32/25	35	60	30	55
9364	60	145	82.5	16	32/25	42.5	62.5	30	60

Spare parts p. 527

RADIAL HOLDER, UPSIDE-DOWN, RH, LONG

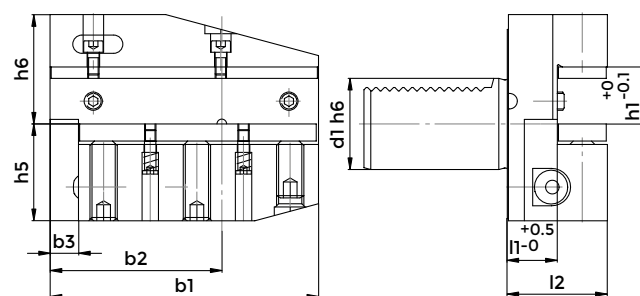


DIN 69880 - B7

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
5689	30	100	65	10	20/16	35	38	22	40
5692	40	118	75.5	12.5	25/20	42.5	48	22	44
5803	50	130	80	16	32/25	50	60	30	55

Spare parts p. 527

RADIAL HOLDER, UPSIDE-DOWN, LH, SHORT

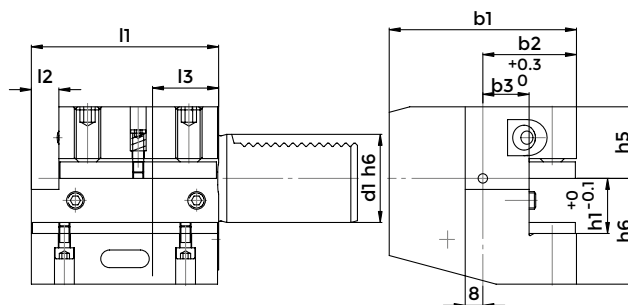


DIN 69880 - B8

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2
5697	30	100	65	10	20/16	35	38	22	40
5700	40	118	75.5	12.5	25/20	42.5	48	22	44
5804	50	130	80	16	32/25	50	60	30	55

Spare parts p. 527

AXIAL HOLDER, RH



DIN 69880 - C1

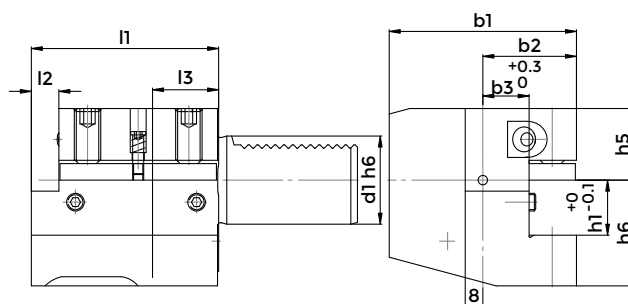
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
5704	20	65	40	26	16/12	25	30	50	-	30
5703	30	70	35	17	20/16	28	38	70	10	30
5705	40	85	42.5	21	25/20	32.5	48	85	12.5	30
5806	50	100	50	26	32/25	35	60	100	16	40
9367	60	125	62.5	33	32/25	42.5	62.5	125	16	40

Spare parts p. 528

AXIAL HOLDER, RH



IC VERSION

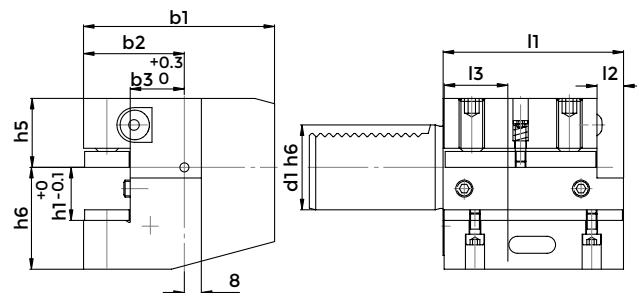


DIN 69880 - C1

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
C1-30x20x70-IC	30	70	35	17	20	28	38	70	10	30
C1-40x25x85-IC	40	85	42.5	21	25	32.5	48	85	12.5	30

Spare parts p. 528

AXIAL HOLDER, LH



DIN 69880 - C2

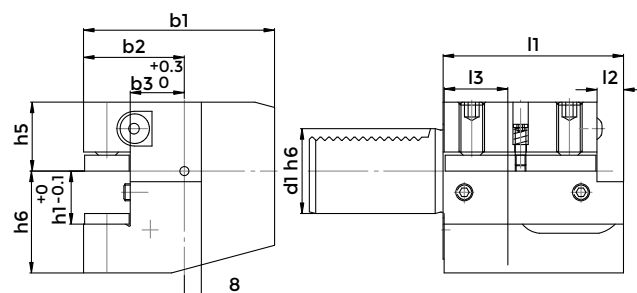
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
5722	20	65	40	26	16/12	25	30	50	-	30
5724	30	76	41	23	20/16	28	38	70	10	30
5727	40	90	47.5	25.5	25/20	32.5	48	85	12.5	30
5807	50	105	55	30.5	32/25	35	60	100	16	40
9368	60	125	62.5	33	32/25	42.5	62.5	125	16	40

Spare parts p. 528

AXIAL HOLDER, LH



IC VERSION

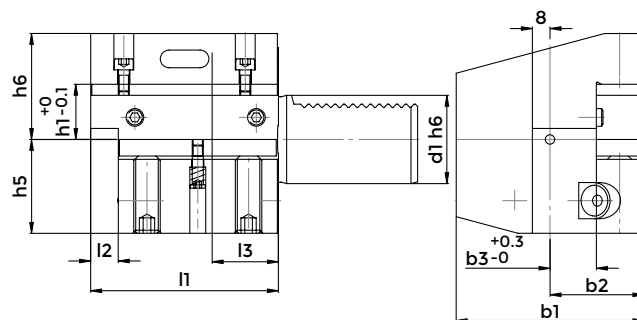


DIN 69880 - C2

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
C2-30x20x70-IC	30	76	41	23	20	28	38	70	10	30
C2-40x25x85-IC	40	90	47.5	25.5	25	32.5	48	85	12.5	30

Spare parts p. 528

AXIAL HOLDER, UPSIDE-DOWN, RH



DIN 69880 - C3

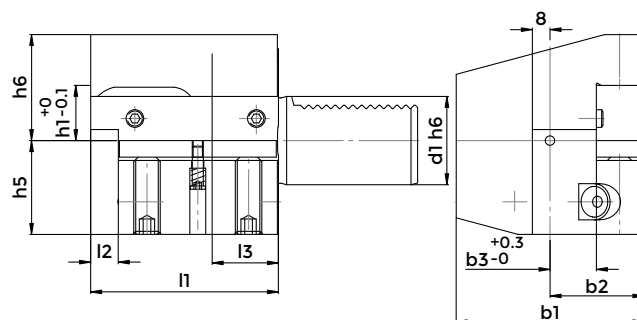
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
5740	30	70	35	17	20/16	35	38	70	10	30
5742	40	85	42.5	21	25/20	42.5	48	85	12.5	30
5808	50	100	50	26	32/25	50	60	100	16	40
C3-60x32x125	60	125	62.5	33	32/25	62.5	62.5	125	16	40

Spare parts p. 528

AXIAL HOLDER, UPSIDE-DOWN, RH



IC VERSION

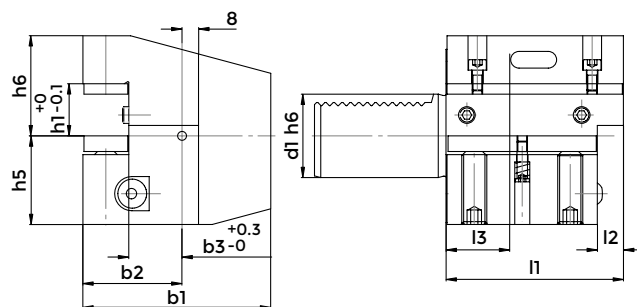


DIN 69880 - C3

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
C3-30x20x70-IC	30	70	35	17	20	35	38	70	10	30
C3-40x25x85-IC	40	85	42.5	21	25	42.5	48	85	12.5	30

Spare parts p. 528

AXIAL HOLDER, UPSIDE-DOWN LH



DIN 69880 - C4

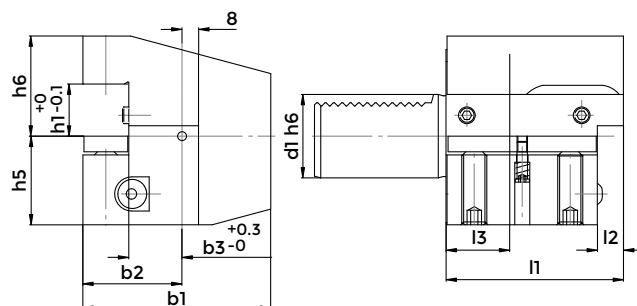
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
5618	30	76	41	23	20/16	35	38	70	10	30
5746	40	90	47.5	25.5	25/20	42.5	48	85	12.5	30
5809	50	105	55	30.5	32/25	50	60	100	16	40

Spare parts p. 528

AXIAL HOLDER, UPSIDE-DOWN LH



IC VERSION

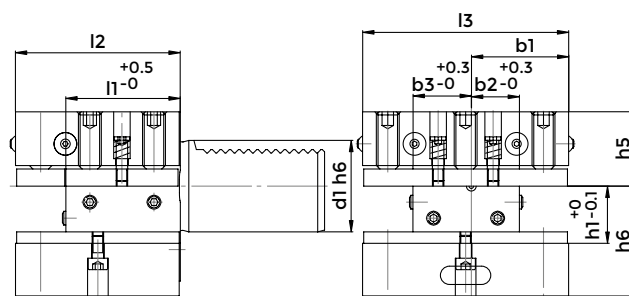


DIN 69880 - C4

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
C4-30x20x70-IC	30	76	41	23	20	35	38	70	10	30
C4-40x25x85-IC	40	90	47.5	25.5	25	42.5	48	85	12.5	30

Spare parts p. 528

TOOLHOLDER WITH MULTIPLE SEATS

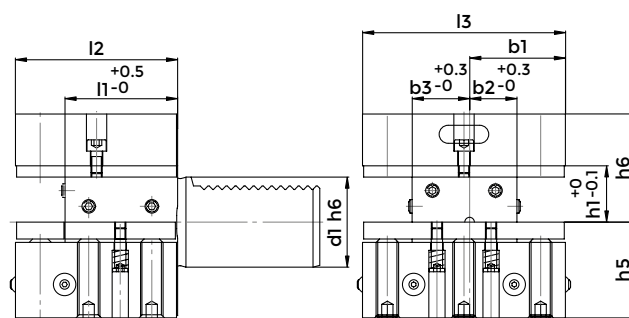


DIN 69880 - D1

COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
5748	30	35	17	23	20/16	28	38	42	60	76
5750	40	42.5	21	25.5	25/20	32.5	48	50	72	90
5810	50	50	26	30.5	32/25	35	60	60	85	105
9371	60	57.5	33	33	32/25	42.5	62.5	85	110	115

Spare parts p. 529

TOOLHOLDER WITH MULTIPLE SEATS UPSIDE DOWN



DIN 69880 - D2

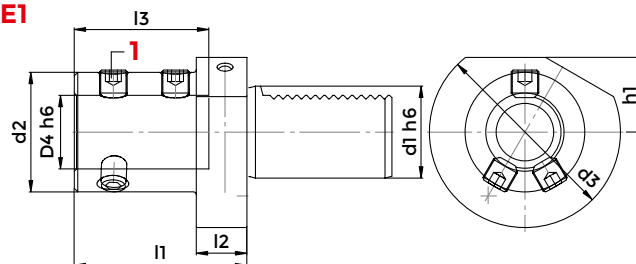
COD.	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
5752	30	35	17	23	20/16	35	38	42	60	76
5754	40	42.5	21	25.5	25/20	42.5	48	50	72	90
5811	50	50	26	30.5	32/25	50	60	60	85	105

Spare parts p. 529

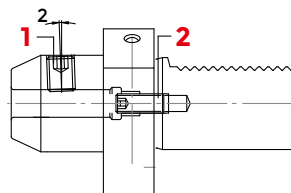
HOLDER FOR INDEXABLE INSERT DRILLS WITH INTERNAL COOLANT SUPPLY



TYPE E1



TYPE E1WN



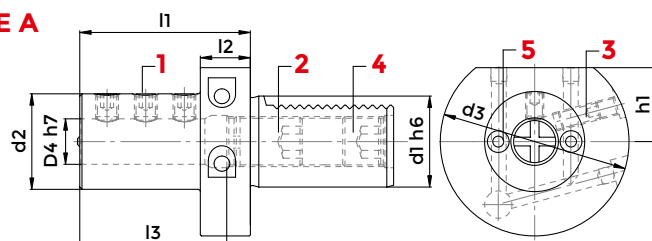
DIN 69880 - E1

COD.	d1	d2	d3	D4	h1	l1	l2	l3	1
									SCREW
									
5728	20	36	50	16	-	67	18	54	0403
5730	20	45	50	25	-	71	18	58	0417
9348	30	28	68	8	28	50	22	36	4971
9349	30	35	68	10	28	54	22	40	4972
9350	30	42	68	12	28	59	22	45	4973
5731	30	36	68	16	28	67	22	54	0403
5732	30	40	68	20	28	67	22	54	0403
5733	30	45	68	25	28	71	22	58	0417
5734	30	52	68	32	28	75	22	61	0417
5735	30	65	68	40	28	90	22	72	0493
9353	40	35	83	10	32.5	54	22	40	4972
9354	40	42	83	12	32.5	58	22	45	4973
5833	40	36	83	16	32.5	67	22	54	0403
5834	40	40	83	20	32.5	67	22	54	0403
5835	40	45	83	25	32.5	75	22	59	0417
5836	40	52	83	32	32.5	75	22	61	0417
5837	40	65	83	40	32.5	90	22	73	0493
9355	40	70	83	50	32.5	100	22	83	0493
5839	50	40	98	20	35	80	30	54	0403
5840	50	45	98	25	35	80	30	59	0417
5841	50	52	98	32	35	80	30	63	0417
5842	50	65	98	40	35	90	30	73	0493
5843	50	75	98	50	35	100	30	83	0493
9376	60	52	123	32	42.5	80	30	63	0417
9377	60	65	123	40	42.5	90	30	73	0493
9378	60	75	123	50	42.5	100	30	83	0493

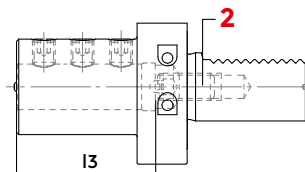
BORING BAR HOLDER



TYPE A



TYPE B

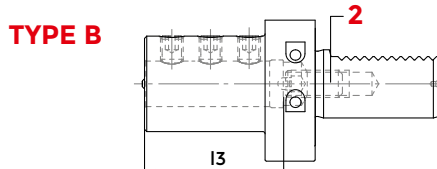
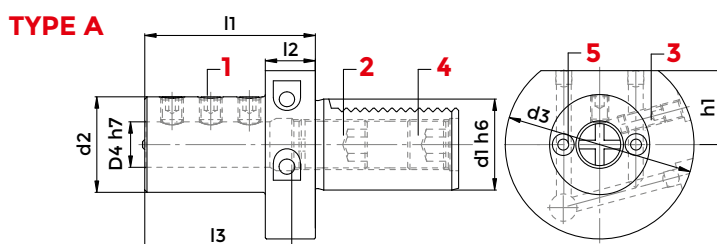


DIN 69880 - E2

COD.	d1	d2	d3	D4	h1	l1	l2	l3	T	1	2	3	4	5
										SCREW	S7OP SCREW	SCREW	SCREW	COOLANT NOOSE
														
9336	16	32	40	6	18	44	13	34	B	0371	811-102014	811-102011	-	9200
9337	16	32	40	8	18	44	13	34	B	0371	0208	811-102011	-	9200
9338	16	32	40	10	18	44	13	34	B	0371	0208	811-102011	-	9200
9339	16	40	40	12	18	44	13	34	B	0375	811-402065	811-102011	-	9200
9340	16	40	40	16	18	44	13	34	B	0375	811-402065	811-102011	-	9200
5725	20	40	50	6	23	50	18	42	B	0208	811-102015	-	-	833-001100
5762	20	40	50	8	23	50	18	42	B	0208	811-102023	-	-	833-001100
5763	20	40	50	10	23	50	18	42	B	0382	811-102023	-	-	833-001100
5764	20	40	50	12	23	50	18	42	B	0382	811-402066	-	-	833-001100
5765	20	42	50	16	23	50	18	42	B	0375	811-402066	-	-	833-001100
5766	20	49	50	20	23	50	18	42	B	0375	811-402066	-	-	833-001100
5767	20	49	50	25	23	60	18	52	B	811-102027	811-402066	-	-	833-001100
5741	30	55	68	6	28	60	22	43	A	811-102022	811-402030	0382	811-102070	833-001110
5768	30	55	68	8	28	60	22	43	A	811-102022	811-402030	0382	811-102070	9204
5769	30	55	68	10	28	60	22	43	A	811-102022	811-402030	0382	811-102070	833-001110
5631	30	55	68	12	28	60	22	43	A	0183	811-402030	0382	811-102070	833-001110
5632	30	55	68	16	28	60	22	55	A	0183	811-402071	0382	811-402072	833-001110
5633	30	55	68	20	28	60	22	54	B	0382	811-402028	0382	-	833-001110
5622	30	55	68	25	28	60	22	54	B	0382	811-402028	0382	-	833-001110
5629	30	67	68	32	28	75	22	61	B	0382	811-402029	0382	-	833-001110
5628	30	67	68	40	28	75	22	66	B	0382	811-402029	811-102019	-	833-001100
5747	40	55	83	6	32.5	75	22	43	A	811-102022	811-402030	0382	811-102070	833-001110
5749	40	55	83	8	32.5	75	22	43	A	0183	811-402030	0382	811-102070	833-001110
5751	40	55	83	10	32.5	75	22	43	A	0183	811-402030	0382	811-102070	833-001110
5770	40	55	83	12	32.5	75	22	58	A	0183	811-402030	0382	811-102070	833-001110
5771	40	55	83	16	32.5	75	22	61	A	0186	811-402071	0382	811-402072	833-001110
5772	40	55	83	20	32.5	75	22	61	A	0377	811-402064	0382	811-402073	833-001110

follows >>

BORING BAR HOLDER



DIN 69880 - E2

COD.	d1	d2	d3	D4	h1	l1	l2	l3	T	1	2	3	4	5
										SCREW	STOP SCREW	SCREW	SCREW	COOLANT NOOSE
5773	40	55	83	25	32.5	75	22	61	B					
E2-40x30	40	82	83	30	32.5	75	22	61	B	0186	811-402028	0382	-	833-001110
5774	40	82	83	32	32.5	75	22	61	B	0377	811-402029	0382	-	833-001110
5775	40	82	83	40	32.5	90	22	76	B	0186	811-402029	0382	-	833-001110
5785	40	98	98	50	35	100	-	86	B	0377	811-402029	0382	-	833-001110
5785	40	98	98	50	35	100	-	86	B	0260	811-402028	0382	-	833-001110
5805	50	68	98	12	35	90	30	71	A	811-102031	811-402030	0382	811-102070	833-001110
5812	50	68	98	16	35	90	30	76	A	811-102039	811-402071	0382	811-402072	833-001110
5813	50	68	98	20	35	90	30	76	A	811-102045	811-402064	0382	811-402073	833-001110
5814	50	68	98	25	35	90	30	76	A	811-102045	811-402074	0382	811-402075	833-001110
5815	50	69	98	32	35	90	30	76	B	811-102044	811-402028	0382	-	833-001110
5816	50	98	98	40	35	90	-	76	B	811-102043	811-402028	0382	-	833-001110
5817	50	98	98	50	35	100	-	86	B	0260	811-402028	0382	-	833-001110
E2-60x16	60	68	123	16	42.5	90	30	76	A	811-102039	811-402071	0183	811-402072	833-001110
9380	60	68	123	20	42.5	90	30	76	A	811-102045	811-402064	0183	811-402073	833-001110
9381	60	68	123	25	42.5	90	30	76	A	811-102045	811-402074	0183	811-402075	833-001110
9382	60	68	123	32	42.5	90	30	76	A	811-102044	811-402076	0183	811-402077	833-001110
9383	60	98	123	40	42.5	90	30	76	B	811-102044	811-402029	0183	-	833-001110
9384	60	98	123	50	42.5	100	30	86	B	811-102043	811-402029	0183	-	833-001110

THERE ARE TWO KINDS OF TOOLHOLDERS:

- The VDI- shank is completely drilled. The tool can be positioned through the shank without having to cut it, in case it is too long for machining.
- The VDI- shank is not drilled and has only one adjusting screw at the end of the hole where the tool is placed.

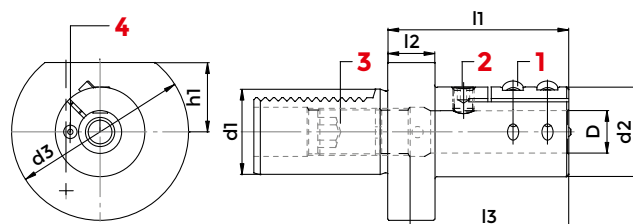
ACCESSORIES

p. 671

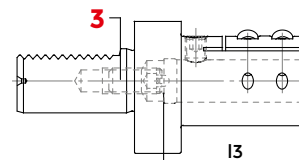


BORING BAR HOLDER

TYPE A



TYPE B



DIN 69880 - E2-TAG

COD.	d1	d2	d3	D	h1	l1	l2	l3	T	1 SCREW	2 SCREW	3 STOP SCREW	4 COOLANT NOOSE
E2-30x06-TAG	30	32	68	6	28	75	22	65	A				
7952	30	34	68	8	28	75	22	65	A	0206	0371	811-402030	9200
7953	30	38	68	10	28	75	22	65	A	0206	0375	811-402030	9200
7954	30	38	68	12	28	75	22	65	A	0206	0375	811-402030	9200
7955	30	42	68	16	28	75	22	70	A	0206	811-102036	811-402071	9201
7956	30	42	68	20	28	75	22	66	B	0206	811-102036	811-402028	9201
7957	30	48	68	25	28	75	22	66	B	0206	811-102036	811-402028	9201
7958	30	56	68	32	28	75	22	65	B	0099	811-102036	811-402028	9202
7961	40	34	83	8	32,5	75	22	65	A	0206	0371	811-402030	9204
7962	40	38	83	10	32,5	75	22	65	A	0206	0375	811-402030	9204
7963	40	38	83	12	32,5	75	22	65	A	0206	0375	811-402030	9204
7964	40	42	83	16	32,5	75	22	68	A	0206	811-102036	811-402064	9201
7965	40	42	83	20	32,5	85	22	80	A	0206	811-102036	811-402064	9201
7966	40	48	83	25	32,5	85	22	76	B	0206	811-102036	811-402028	9201
7967	40	56	83	32	32,5	85	22	76	B	0099	811-102036	811-402028	9202
7968	40	65	83	40	32,5	97	22	90	B	0099	0390	811-402029	9202
7972	50	56	98	32	35	98	30	90	B	0099	811-102036	811-402029	9202
7973	50	65	98	40	35	115	30	105	B	0099	0390	811-402029	9202
7974	50	76	98	50	35	125	30	112	B	7415	0390	811-402029	9202

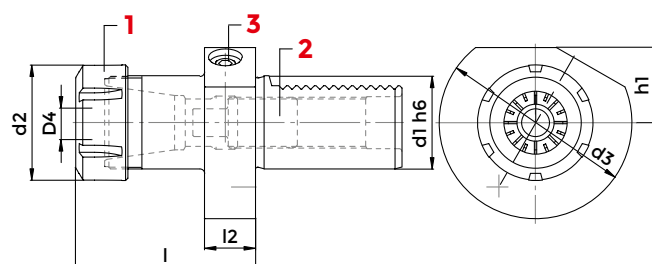
TECHNICAL FEATURES

1. Particularly suitable for vibration-damping- boring bars with HM-shank.
2. The particular elastic gripping allows a uniform tool-clamping and reduces vibrations when the tool is working with big projections.
3. Fixing occurs by two screws. A third screw, which is perpendicular to the tool, positions the tool itself, resting on the face, on the boring bar shank.
4. For completely cylindrical tools there is a reference mark

engraved on the front side of the toolholder. It is useful to position the tool.

5. There are two kinds of toolholders:
 - a) The VDI- shank is completely drilled. The tool can be positioned through the shank without having to cut it, in case it is too long for machining.
 - b) The VDI- shank is not drilled and has only one adjusting screw at the end of the hole where the tool is placed.

COLLET CHUCK FOR COLLETS ACCORDING TO DIN 6499/B, ER TYPE



DIN 69880 - E4

COD.	DESCRIPTION	d1	d2	d3	D4	h1	l1	l2	1	2	3
									NUT	SCREW	SCREW
											
3076	VDI16.L34.ER16	16	32	40	1-10	18	34	13	4993	811-303001	811-302106
3078	VDI16.L44.ER20	16	35	40	1-13	18	44	13	4994	811-303001	811-302106
3303	VDI20.L59.ER20	20	35	50	1-13	-	59	18	4994	811-303001	811-302106
3304	VDI20.L65.ER25	20	42	50	2-16	-	65	18	4995	811-303001	811-302106
3549	VDI20.L67.ER32	20	50	50	2-20	-	67	18	4996	811-303001	811-302106
3550	VDI30.L48.ER16	30	32	68	1-10	28	48	22	4993	811-303001	811-302106
3551	VDI30.L59.ER20	30	35	68	1-13	28	59	22	4994	811-303014	811-302106
3305	VDI30.L57.ER25	30	42	68	2-16	28	57	22	4995	811-303014	811-302106
3306	VDI30.L78.ER32	30	50	68	2-20	28	78	22	4996	811-303014	811-302106
3307	VDI30.L80.ER40	30	63	68	3-30	28	80	22	4997	811-303014	811-302106
3553	VDI40.L59.ER20	40	35	83	1-13	32.5	59	22	4994	811-303003	811-302106
3554	VDI40.L57.ER25	40	42	83	2-16	32.5	57	22	4995	811-303003	811-302106
3308	VDI40.L78.ER32	40	50	83	2-20	32.5	78	22	4996	811-303004	811-302106
3309	VDI40.L80.ER40	40	63	83	3-30	32.5	80	22	4997	811-303004	811-302106
2320	VDI50.L92.ER32	50	50	98	2-20	35	92	30	4996	811-303004	811-302106
3311	VDI50.L80.ER40	50	63	98	3-30	35	80	30	4997	811-303004	811-302106
9387	VDI60.L78.ER32	60	50	123	2-20	42.5	78	30	4996	811-303004	811-302106
9388	VDI60.L80.ER40	60	63	123	3-30	42.5	80	30	4997	811-303004	811-302106

Coolant supply unit 1/8" G not included

ACCESSORIES

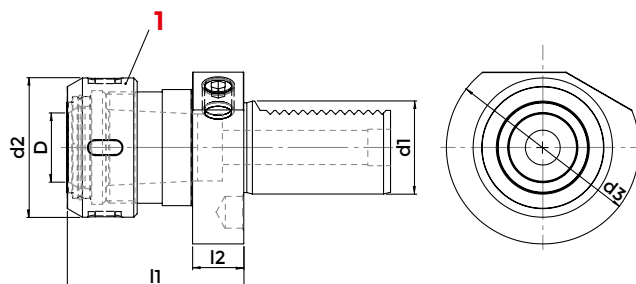
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COLLET CHUCK FOR COLLETS ACCORDING TO DIN 6388, EOC TYPE



DIN 69880 - E3

COD.	DESCRIPTION	d1	d2	d3	D	l1	l2	1
								NUT
5645	VDI.L75.EOC25	40	60	83	2-25	75	22	
5646	VDI.L90.EOC32	40	72	83	3-32	90	22	

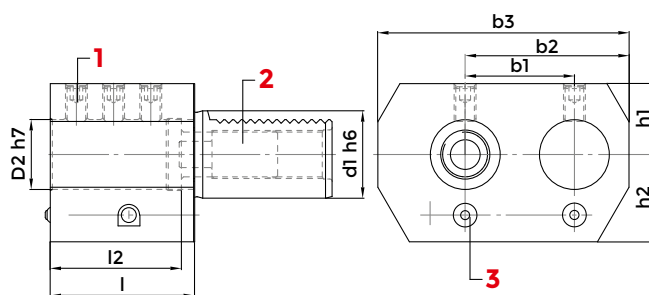
Coolant supply unit 1/8" G not included

ACCESSORIES



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DOUBLE BORING BAR HOLDER, RIGHT



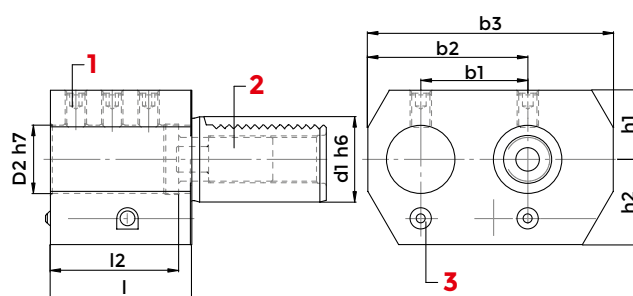
DIN 69880 - E7

COD.	d1	D2	h1	h2	L1	L2	b1	b2	B3	1	2	3
										SCREW	STOP SCREW	COOLANT NOSE
7981	30	25	28	32	56	52	45	65	95			
7982	40	32	32.5	40	66	60	50	75	115	0377	811-303004	833-001100
7984	50	50	35	49	90	80	68	103	152	0260	811-303005	833-001110

ACCESSORIES



DOUBLE BORING BAR HOLDER, LEFT



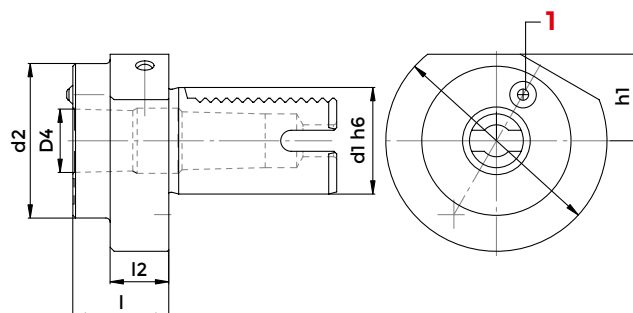
DIN 69880 - E8

COD.	d1	D2	h1	h2	L1	L2	b1	b2	B3	1	2	3
										SCREW	STOP SCREW	COOLANT NOSE
7987	30	25	28	32	56	52	45	65	95			
7988	40	32	32.5	40	66	60	50	75	115	0377	811-303004	833-001100
7990	50	50	35	49	90	80	68	103	152	0260	811-303005	833-001110

ACCESSORIES



MORSE TAPER HOLDER



DIN 69880 - F

COD.	d1	d2	d3	MK	D4	h1	l1	l2	1 COOLANT NOSE
									
5630	30	-	68	1	12.065	28	27	-	833-001100
5625	30	55	68	2	17.780	28	36	27	833-001100
5818	30	55	68	3	23.825	28	66	41	833-001100
5723	40	55	83	1	12.065	32.5	23	22	833-001100
5777	40	55	83	2	17.780	32.5	36	22	833-001100
5778	40	58	83	3	23.825	32.5	36	22	833-001100
5779	40	68	83	4	31.267	32.5	80	22	833-001100
5820	50	58	98	3	23.825	35	45	30	833-001100
5821	50	68	98	4	31.267	35	55	30	833-001100
*F50-MKD5	50	75	98	5	44.399	35	72	30	833-001100

* without VDI shank

ACCESSORIES



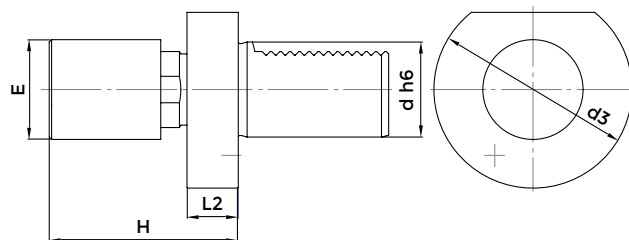
p. 672



p. 703



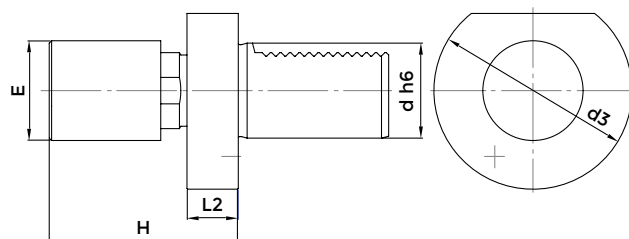
ROTARY ADJUSTABLE BAR-STOP



DIN 69880

COD.	DESCRIPTION	d	h	d3	L2	E
7945	BS 1 - 30 x 42	30	68 - 100	68	16	42
7947	BS 1 - 40 x 42	40	74 - 100	83	22	42

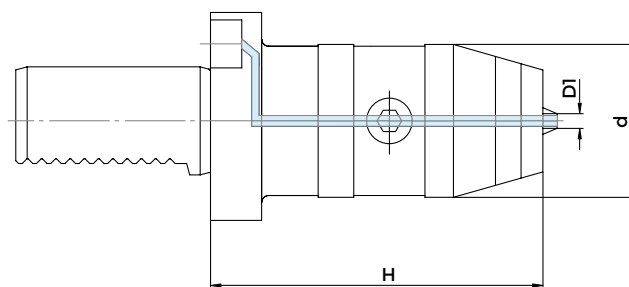
DAMPED, ADJUSTABLE, BAR STOP



DIN 69880

COD.	DESCRIPTION	d	h	d3	L2	E
5788	BS 2 - 20 x 42	20	82 - 95	50	30	42
5789	BS 2 - 30 x 42	30	68 - 100	68	16	42
3586	BS 2 - 30 x 56	30	68 - 100	68	16	56
5790	BS 2 - 40 x 42	40	74 - 100	83	22	42
3587	BS 2 - 40 x 56	40	74 - 100	83	22	56

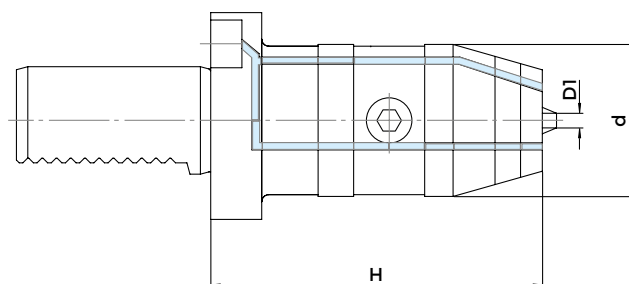
ADAPTORS FOR DRILLS WITH INTERNAL COOLANT SUPPLY



DIN 69880 - KS1

COD.	DESCRIPTION	H	d	CLAMPING CAPACITY
9304	VDI30x55 0,5-13	90	50	0,5-13
9305	VDI30x55 2,5-16	90	50	2,5-16
9306	VDI40x63 0,5-13	90	50	0,5-13
9307	VDI40x63 2,5-16	90	50	2,5-16

ADAPTORS FOR DRILLS WITH LATERAL COOLANT SUPPLY



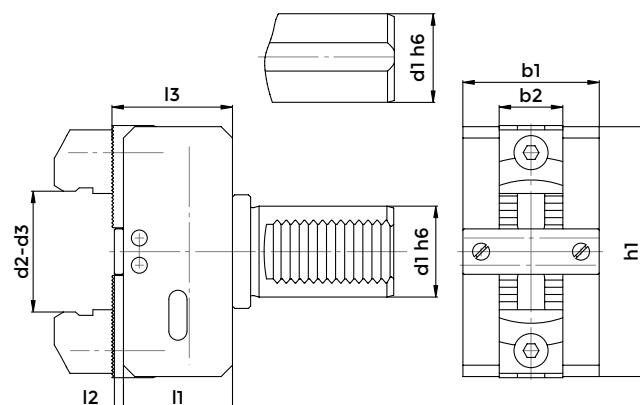
DIN 69880 - KS2

COD.	DESCRIPTION	H	d	CLAMPING CAPACITY
9313	VDI30x55 2,5-16	82	57	2,5-16
9314	VDI40x63 0,5-13	85	57	0,5-13
9315	VDI40x63 2,5-16	85	57	2,5-16

SPRING BAR PULLER



TYPE C

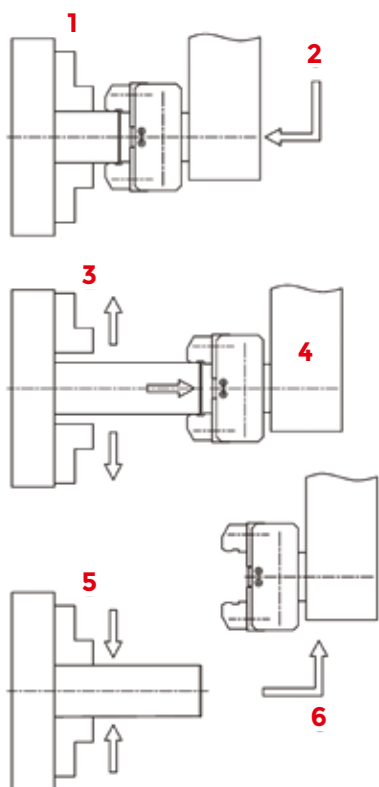


DIN 69880 - HK1

COD.	d1	d2 (short)	d3 (long)	b1	b2	h1	l1	l2	l3
5679	20	6-56	-	50	28	72	46	4	51
5422	25	6-56	54-110	50	28	72	46	4	51
5680	30	6-56	54-110	50	28	72	46	4	51
5423	32	6-56	54-110	50	28	72	46	4	51
5681	40	6-66	54-110	60	28	110	48	4	53
5424	40	6-66	54-110	60	28	110	48	4	53
5425	50	10-75	62-125	65	28	130	67	5	73

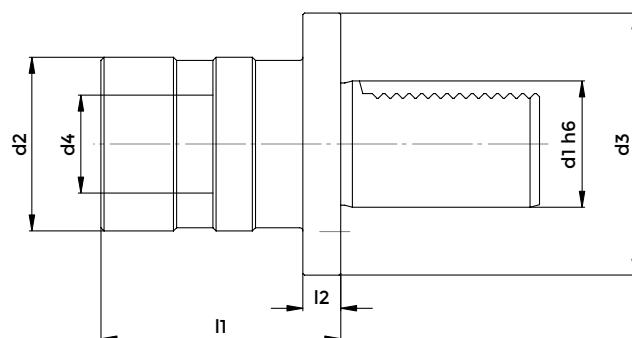
Spare parts p. 529

OPERATING MANUAL FOR BAR PULLER



1. The self-centering chuck stops.
2. Set-up the jaws 3-5mm less than the measure of the bar diameter
3. The self-centering chuck opens
4. The bar puller pulls the bar because the jaws are normally closed by an internal spring.
5. The self-centering chuck closes
6. The bar puller slides out of the previously locked diameter

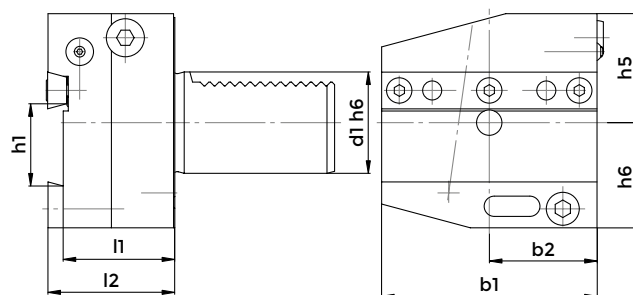
TENSION AND COMPRESSION TAPPING HEAD



DIN 69880 - M

COD.	d1	TAP RANGE	SIZE	RANGE	d2	d3	D	L	l2
5760	20	M3-M12	1	- 9 + 9	38	50	19	55	12
5780	30	M3-M12	1	- 9 + 9	38	68	19	55	12
5782	40	M3-M12	1	- 9 + 9	38	83	19	55	12
5781	30	M6-M20	2	- 15 + 15	55	68	31	77	12
5783	40	M6-M20	2	- 15 + 15	55	83	31	77	12
5784	40	M14-M33	3	- 24 + 24	79	83	48	110	12
5793	50	M6 - M 20	2	- 15 + 15	55	83	31	77	12

TOOLHOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, RIGHT



DIN 69880 - AR

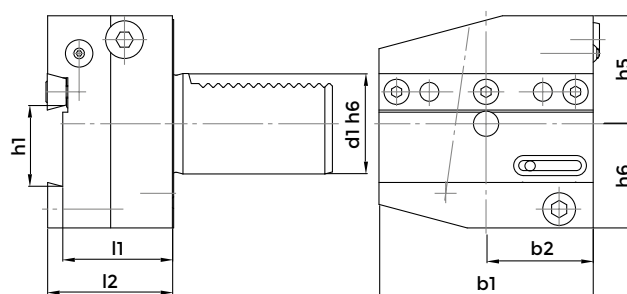
COD.	d1	b1	b2	h1	h5	h6	l1	l2
7918	30	70	35	26	32	39	44	50
7919	40	85	42.5	26	43	41.5	44	50
7920	40	85	42.5	32	43	41.5	44	50
7922	50	100	50	32	43	45	44	50

Spare parts p. 531

TOOLHOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, RIGHT



IC VERSION 

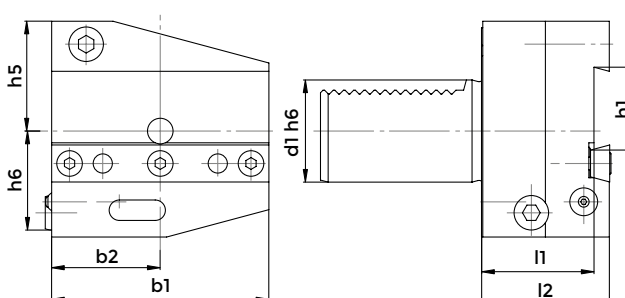


DIN 69880 - AR

COD.	d1	b1	b2	h1	h5	h6	l1	l2
AR3026-IC	30	70	35	26	32	39	44	50
AR4026-IC	40	85	42.5	26	43	41.5	44	50
AR4032-IC	40	85	42.5	32	43	41.5	44	50

Spare parts p. 531

TOOLHOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, UPSIDE-DOWN, LEFT

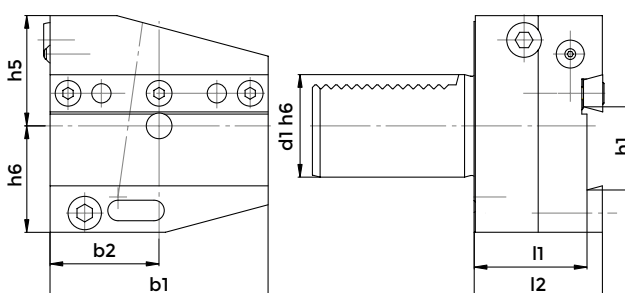


DIN 69880 - ALU

COD.	d1	b1	b2	h1	h5	h6	l1	l2
7939	40	85	42.5	32	43	41.5	44	50

Spare parts p. 531

TOOLHOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, LEFT



DIN 69880 - AL

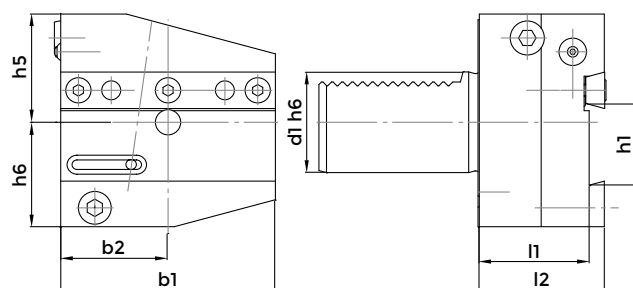
COD.	d1	b1	b2	h1	h5	h6	l1	l2
7925	30	70	35	26	32	39	44	50
7927	40	85	42.5	32	43	41.5	44	50

Spare parts p. 531

TOOLHOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, LEFT



IC VERSION

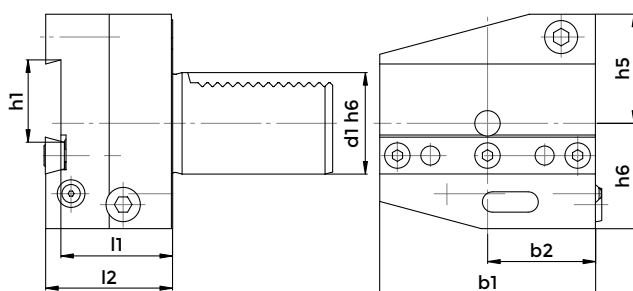


DIN 69880 - AL

COD.	d1	b1	b2	h1	h5	h6	l1	l2
AL4032-IC	40	85	42.5	32	43	41.5	44	50

Spare parts p. 531

TOOLHOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, UPSIDE-DOWN, RIGHT

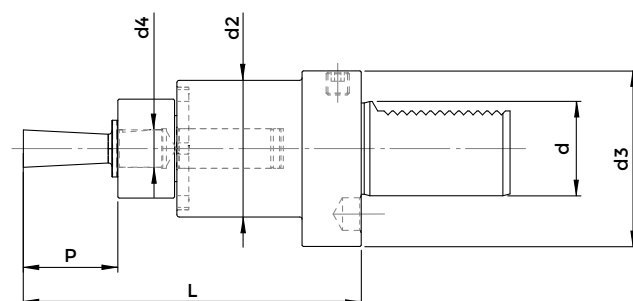


DIN 69880 - ARU

COD.	d1	b1	b2	h1	h5	h6	l1	l2
7931	30	70	35	26	38	35	44	50
7933	40	85	42.5	32	43	41.5	44	50

Spare parts p. 531

BROACH TOOLHOLDER



DIN 69880

COD.	DESCRIPTION	d4	P	d	d2	d3	L
9319	VDI 20 - G12	12	25	20	44	50	57
9320	VDI 30 - G12	12	25	30	58	68	83
9321	VDI 30 - G16	16	40	30	58	68	83
9322	VDI 40 - G12	12	25	40	58	83	83
9323	VDI 40 - G16	16	40	40	58	83	83

Spare parts p. 531

KIT VDI TOOL HOLDERS



KIT VDI 30DX

The same Kit can be supplied with LEFT radial and axial toolholders with code n° KIT VDI 30SX

COD.

CONTENUTO DEL KIT

N°4 turning RH short (B1)
 N°1 turning RH overhead (B3)
 N°1 axial holder RH (C1)
 N°1 insert drill holder Ø20 (E1)
 N°1 boring bar holder Ø25 (E2)
 N°1 boring bar holder Ø20 (E2)
 N°1 boring bar holder Ø16 (E2)
 N°2 collet chucks ER32 (E4)
 N°1 reduction Ø25-10
 N°1 reduction Ø25-12
 N°10 collets ER32
 (Ø3 4 6 8 10 12 14 16 18 20)
 N°1 wrench ER32

TOOLHOLDERS KIT



KIT VDI 40DX

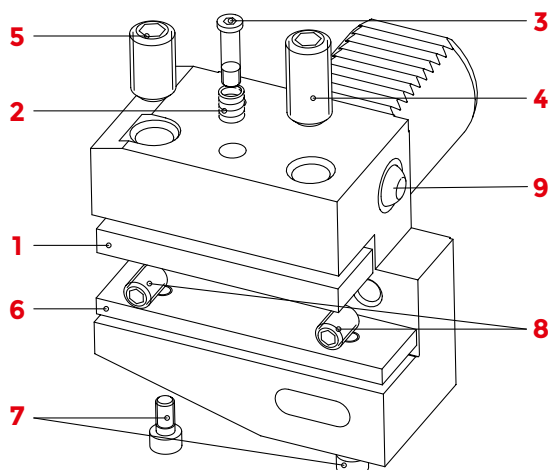
The same Kit can be supplied with LEFT radial and axial toolholders with code n° KIT VDI 40SX

COD.

CONTENUTO DEL KIT

N°4 turning RH short (B1)
 N°1 turning RH overhead (B3)
 N°1 axial holder RH (C1)
 N°1 insert drill holder Ø32 (E1)
 N°1 boring bar holder Ø16 (E2)
 N°1 boring bar holder Ø25 (E2)
 N°1 boring bar holder Ø32 (E2)
 N°2 collet chucks ER32 (E4)
 N°1 reduction Ø32-12
 N°1 reduction Ø32-20
 N°1 reduction MT3
 N°10 collets ER32
 (Ø3 4 6 8 10 12 14 16 18 20)
 N°1 wrench ER32

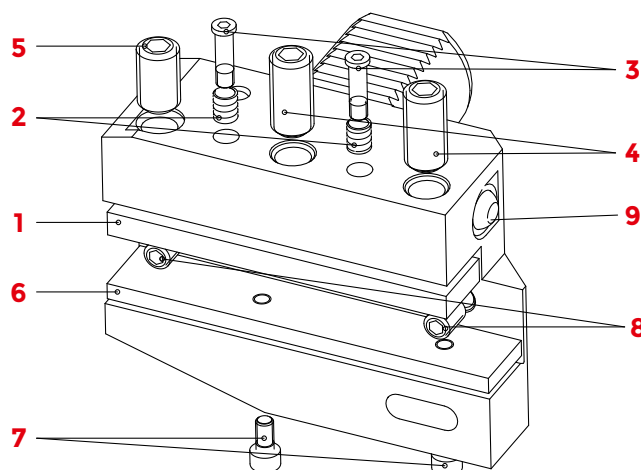
SPARE PARTS



DIN 69880 - B1 - B2 - B3 - B4

	1	2	3	4	5	6	7	8	9
COD.	TOOL CLAMP PLATE	SPRING	SCREW	STOP SCREW	LOCKING SCREW SHORT	SHIM PLATE	SCREW	SCREW	COOLANT NOOSE
									
B1- 16x12x24	832-002084	824-101010	811-302009	811-102020	811-102019	-	-	811-102020	833-001060
B3-16X12X24	832-002084	824-101010	811-302009	811-102020	811-102019	-	-	811-102020	833-001060
B1-20x16x30	832-002003	824-101010	811-302004	811-102030	811-102029	832-003003	811-101016	811-102020	833-001100
B2 20x16x30	832-002003	824-101010	811-302004	811-102030	811-102029	832-003003	811-101016	811-102020	833-001100
B3-20X16X30	832-002003	824-101010	811-302004	811-102030	811-102029	832-003003	811-101016	811-102020	833-001100
B3-20X16X40	832-002003	824-101010	811-302004	811-102030	811-102029	832-003003	811-101016	811-102020	833-001100
B1-30x20x40	832-002012	824-101010	811-302004	811-102044	811-102043	832-003007	811-101016	811-102028	833-001120
B1-30X20X40-IC	832-002012	824-101010	811-302004	811-102044	811-102043	-	-	811-102028	833-001120
B1-30x20x60	832-002012	824-101010	811-302004	811-102044	811-102043	832-003007	811-101016	811-102028	833-001120
B2-30x20x40	832-002012	824-101010	811-302004	811-102044	811-102043	832-003007	811-101016	811-102028	833-001120
B2-30X20X40-IC	832-002012	824-101010	811-302004	811-102044	811-102043	-	-	811-102028	833-001120
B2-30x20x60	832-002012	824-101010	811-302004	811-102044	811-102043	832-003007	811-101016	811-102028	833-001120
B3-30x20x40	832-002012	824-101010	811-302004	811-102045	811-102044	832-003007	811-101016	811-102028	833-001120
B3-30X20X40-IC	832-002012	824-101010	811-302004	811-102045	811-102044	-	-	811-102028	833-001120
B4-30x20x40	832-002012	824-101010	811-302004	811-102045	811-102044	832-003007	811-101016	811-102028	833-001120
B4-30X20X40-IC	832-002012	824-101010	811-302004	811-102045	811-102044	-	-	811-102028	833-001120
B1-40x25x44	832-002019	824-101010	811-302004	811-102045	811-102044	832-003012	811-101016	811-102028	833-001120
B1-40X25X44-IC	832-002019	824-101010	811-302004	811-102045	811-102044	-	-	811-102028	833-001120
B2-40x25x44	832-002019	824-101010	811-302004	811-102045	811-102044	832-003012	811-101016	811-102028	833-001120
B2-40X25X44-IC	832-002019	824-101010	811-302004	811-102045	811-102044	-	-	811-102028	833-001120
B3-40x25x44	832-002019	824-101010	811-302004	811-102047	811-102045	832-003033	811-101016	811-102028	833-001120
B3-40X25X44-IC	832-002019	824-101010	811-302004	811-102047	811-102045	-	-	811-102028	833-001120
B4-40x25x44	832-002019	824-101010	811-302004	811-102047	811-102045	832-003033	811-101016	811-102028	833-001120
B4-40X25X44-IC	832-002019	824-101010	811-302004	811-102047	811-102045	-	-	811-102028	833-001120
B1-50x32x55	832-002025	824-101010	811-302004	811-102045	-	832-003016	811-101017	811-102036	833-001120
B2-50x32x55	832-002025	824-101010	811-302004	811-102045	-	832-003016	811-101017	811-102036	833-001120
B3-50x32x55	832-002025	824-101010	811-302004	811-102083	811-102047	832-003034	811-101017	811-102036	833-001120
B4-50x32x55	832-002025	824-101010	811-302004	811-102083	811-102047	832-003034	811-101017	811-102036	833-001120
B1-60x32x60	832-002028	824-101020	811-302013	811-102054	-	832-003019	811-101017	811-102036	833-001120
B2-60x32x60	832-002028	824-101020	811-302013	811-102054	-	832-003019	811-101017	811-102036	833-001120
B3-60x32x60	832-002028	824-101020	811-302013	811-102055	-	832-003019	811-101017	811-102036	833-001120
B4-60x32x60	832-002028	824-101020	811-302013	811-102055	-	832-003019	811-101017	811-102036	833-001120

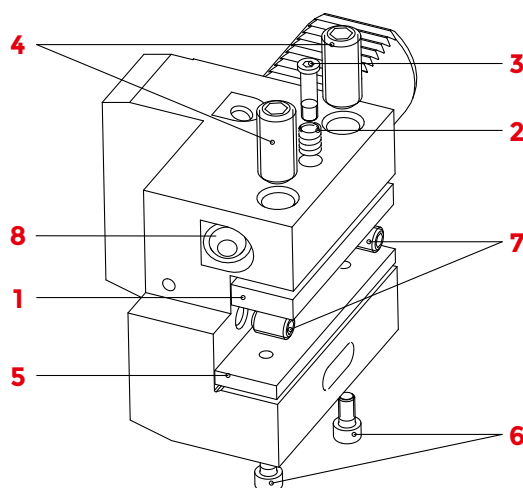
SPARE PARTS



DIN 69880 - B5 - B6 - B7 - B8

	1	2	3	4	5	6	7	8	9				
COD.	TOOL CLAMP PLATE	SPRING	Q	SCREW	Q	SCREW	Q	LOCKING SCREW SHORT	SHIM PLATE	SCREW	Q	SCREW	COOLANT NOOSE
													
B5-30x20x40	832-002013	824-101010	2	811-302004	2	811-102044	2	811-102043	832-003009	811-101016	2	811-102028	833-001120
B6-30x20x40	832-002013	824-101010	2	811-302004	2	811-102044	2	811-102043	832-003009	811-101016	2	811-102028	833-001120
B7-30x20x40	832-002013	824-101010	2	811-302004	2	811-102045	2	811-102044	832-003009	811-101016	1	811-102028	833-001120
B8-30x20x40	832-002013	824-101010	2	811-302004	2	811-102045	2	811-102044	832-003009	811-101016	1	811-102028	833-001120
B5-40x25x44	832-002021	824-101010	2	811-302004	2	811-102045	2	811-102044	832-003014	811-101016	2	811-102028	833-001120
B6-40x25x44	832-002021	824-101010	2	811-302004	2	811-102045	2	811-102044	832-003014	811-101016	2	811-102028	833-001120
B7-40x25x44	832-002021	824-101010	2	811-302004	2	811-102047	2	811-102045	832-003014	811-101016	2	811-102028	833-001120
B8-40x25x44	832-002021	824-101010	2	811-302004	2	811-102047	2	811-102045	832-003014	811-101016	2	811-102028	833-001120
B5-50x32x55	832-002026	824-101010	2	811-302004	2	811-102045	3	-	832-003018	811-101017	2	811-102036	833-001120
B6-50x32x55	832-002026	824-101010	2	811-302004	2	811-102045	3	-	832-003018	811-101017	2	811-102036	833-001120
B7-50x32x55	832-002026	824-101010	2	811-302004	2	811-102083	2	811-102047	832-003018	811-101017	2	811-102036	833-001120
B8-50x32x55	832-002026	824-101010	2	811-302004	2	811-102083	2	811-102047	832-003018	811-101017	2	811-102036	833-001120
B5-60x32x60	832-002029	824-101020	2	811-302013	2	811-102054	3	-	832-003020	811-101017	2	811-102036	833-001120
B6-60x32x60	832-002029	824-101020	2	811-302013	2	811-102054	3	-	832-003020	811-101017	2	811-102036	833-001120

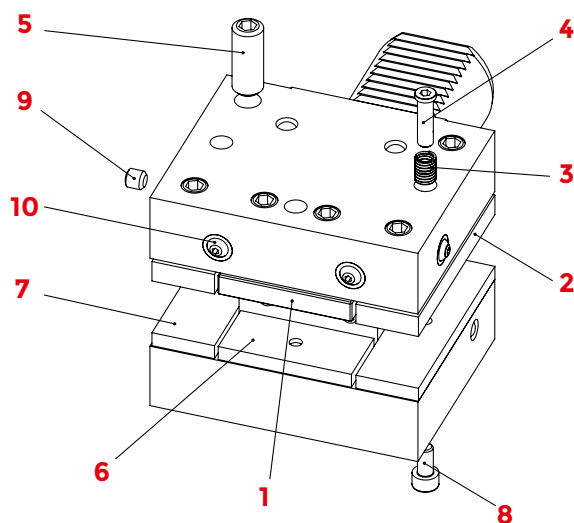
SPARE PARTS



DIN 69880 - C1 - C2 - C3 - C4

	1	2	3	4	5	6	7	8				
COD.	TOOL CLAMP PLATE	SPRING	Q	SCREW	Q	SCREW	Q	SHIM PLATE	SCREW	Q	SCREW	COOLANT NOOSE
												
C1-20x16x50	832-002003	824-101010	1	811-302004	1	811-102030	2	832-003002	811-101016	1	811-102020	833-001100
C2-20x16x50	832-002003	824-101010	1	811-302004	1	811-102030	2	832-003002	811-101016	1	811-102020	833-001100
C1-30x20x70	832-002012	824-101010	1	811-302004	1	811-102044	2	832-003007	811-101016	1	811-102028	833-001120
C1-30x20x70-IC	832-002012	824-101010	1	811-302004	1	811-102044	2	-	-	-	811-102028	833-001120
C2-30x20x70	832-002012	824-101010	1	811-302004	1	811-102044	2	832-003007	811-101016	1	811-102028	833-001120
C2-30x20x70-IC	832-002012	824-101010	1	811-302004	1	811-102044	2	-	-	-	811-102028	833-001120
C3-30x20x70	832-002012	824-101010	1	811-302004	1	811-102045	2	832-003007	811-101016	1	811-102028	833-001120
C3-30x20x70-IC	832-002012	824-101010	1	811-302004	1	811-102045	2	-	-	-	811-102028	833-001120
C4-30x20x70	832-002012	824-101010	1	811-302004	1	811-102045	2	832-003007	811-101016	2	811-102028	833-001120
C4-30x20x70-IC	832-002012	824-101010	1	811-302004	1	811-102045	2	-	-	-	811-102028	833-001120
C1-40x25x85	832-002019	824-101010	1	811-302004	1	811-102045	2	832-003012	811-101016	2	811-102028	833-001120
C1-40x25x85-IC	832-002019	824-101010	1	811-302004	1	811-102045	2	-	-	-	811-102028	833-001120
C2-40x25x85	832-002019	824-101010	1	811-302004	1	811-102045	2	832-003012	811-101016	2	811-102028	833-001120
C2-40x25x85-IC	832-002019	824-101010	1	811-302004	1	811-102045	2	-	-	-	811-102028	833-001120
C3-40x25x85	832-002019	824-101010	1	811-302004	1	811-102047	2	832-003012	811-101016	2	811-102028	833-001120
C3-40x25x85-IC	832-002019	824-101010	1	811-302004	1	811-102047	2	-	-	-	811-102028	833-001120
C4-40x25x85	832-002019	824-101010	1	811-302004	1	811-102047	2	832-003012	811-101016	2	811-102028	833-001120
C4-40x25x85-IC	832-002019	824-101010	1	811-302004	1	811-102047	2	-	-	-	811-102028	833-001120
C1-50x32x100	832-002025	824-101010	1	811-302004	1	811-102045	2	832-003016	811-101017	2	811-102036	833-001120
C2-50x32x100	832-002025	824-101010	1	811-302004	1	811-102045	2	832-003016	811-101017	2	811-102036	833-001120
C3-50x32x100	832-002025	824-101010	1	811-302004	1	811-102083	2	832-003016	811-101017	2	811-102036	833-001120
C4-50x32x100	832-002025	824-101010	1	811-302004	1	811-102083	2	832-003016	811-101017	2	811-102036	833-001120
C1-60x32x125	832-002028	824-101020	1	811-302013	1	811-102054	2	832-003019	811-101017	2	811-102036	833-001120
C2-60x32x125	832-002028	824-101020	1	811-302013	1	811-102054	2	832-003019	811-101017	2	811-102036	833-001120
C3-60x32x125	832-002028	824-101020	1	811-302013	1	811-102055	2	832-003019	811-101017	2	811-102036	833-001120
C4-60x32x125	832-002028	824-101020	1	811-302013	1	811-102055	2	832-003019	811-101017	2	811-102036	833-001120

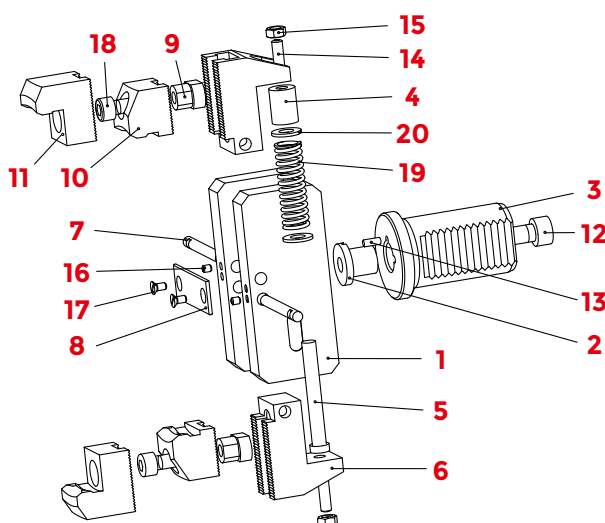
SPARE PARTS



DIN 69880 - D1 - D2

	1	2	3	4	5	6	7	8	9	10
COD.	TOOL CLAMP PLATE (rad)	TOOL CLAMP PLATE (ax)	SPRING	SCREW	LOCKING SCREW	SHIM PLATE (rad)	SHIM PLATE (ax)	SCREW	SCREW	COOLANT NOOSE
D1-30x20x60	832-002008	832-002012	824-101010	811-302004	811-102030	832-003423	832-003006	811-101016	811-102017	833-001060
D2-30x20x60	832-002008	832-002012	824-101010	811-302004	811-102031	832-003423	832-003006	811-101016	811-102017	833-001060
D1-40x25x72	832-002227	832-002019	824-101010	811-302004	811-102039	832-003424	832-003010	811-101016	811-102017	833-001100
D2-40x25x72	832-002227	832-002019	824-101010	811-302004	811-102041	832-003424	832-003010	811-101016	811-102017	833-001100
D1-50x32x85	832-002022	832-002025	824-101010	811-302004	811-102039	832-003425	832-003015	811-101017	811-102026	833-001100
D2-50x32x85	832-002022	832-002025	824-101010	811-302004	811-102041	832-003425	832-003015	811-101017	811-102026	833-001100
D1-60x32x110	832-002228	832-002229	824-101020	811-302013	811-102047	832-003426	832-003017	811-101017	811-102026	833-001110

SPARE PARTS



DIN 69880 - HK1

	1	2	3	4	5	6	7	8	9	10
COD.	BODY	THREADED PAWL	SHANK	PAWL	PIN	JAW BASE	PIN	PLATE	DIE SLIDE	SHORT JAW



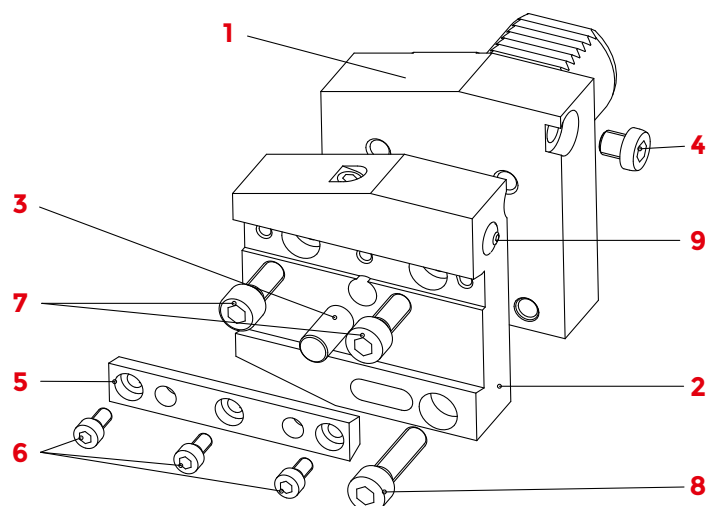
H120K	KH1-1-20	811-302044	KH1-3-20	832-012013	832-008003	832-012003	832-008005	832-006011	811-302023	832-012002
H125KC	KH1-1-30	811-302022	KH1-3-25	832-012013	832-008003	832-012003	832-008005	832-006011	811-302023	832-012002
H130K	KH1-1-30	811-302022	KH1-3-30	832-012013	832-008003	832-012003	832-008005	832-006011	811-302023	832-012002
H132KC	KH1-1-30	811-302022	KH1-3-32	832-012013	832-008003	832-012003	832-008005	832-006011	811-302023	832-012002
H140K	KH1-1-40	811-302022	KH1-3-40	832-012005	832-008004	832-012004	832-008006	832-006012	811-302023	832-012002
H140KC	KH1-1-40	811-302022	KH1-3-40C	832-012005	832-008004	832-012004	832-008006	832-006012	811-302023	832-012002
H150KC	KH1-1-5060	811-302056	KH1-30-50C	832-012009	832-008008	832-012010	832-008009	832-006015	811-302117	832-012011

	11	12	13	14	15	16	17	18	19	20
COD.	LONG JAW	SCREW	PIN	SCREW	NUT	SCREW	SCREW	SCREW	SPRING	WASHER



H120K	832-012001	811-401111	815-210090	811-102022	812-101004	811-102002	811-108006	811-101040	824-101050	813-101090
H125KC	832-012001	811-101055	815-210090	811-102022	812-101004	811-102002	811-108006	811-101040	824-101050	813-101090
H130K	832-012001	811-101055	815-210090	811-102022	812-101004	811-102002	811-108006	811-101040	824-101050	813-101090
H132KC	832-012001	811-101055	815-210090	811-102022	812-101004	811-102002	811-108006	811-101040	824-101050	813-101090
H140K	832-012001	811-101055	815-210090	811-102022	812-101004	811-102002	811-108006	811-101040	824-101060	813-101090
H140KC	832-012001	811-101055	815-210090	811-102022	812-101004	811-102002	811-108006	811-101040	824-101060	813-101090
H150KC	832-012012	811-101068	815-210180	811-102030	812-101005	811-102002	811-108006	811-101052	824-101120	813-101100

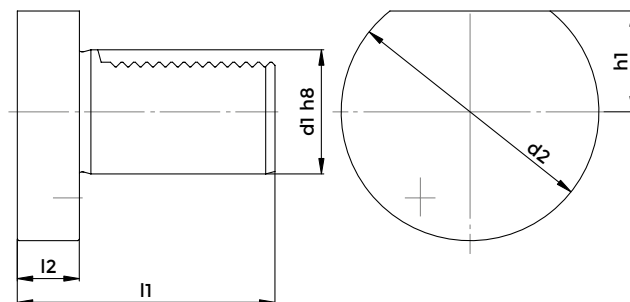
SPARE PARTS



DIN 69880 - AR - AL - ARU - ALU

	1	2	3	4	5	6	7	8	9
COD.	VDI SHANK	TOOLHOLDER PLATE	PIN	STOP SCREW	TOOL CLAMPING	SCREW	SCREW	SCREW	COOLANT NOOZE
									
AR3026	117-130011	117-130101	815-210010	811-303011	832-002037	811-101016	811-101040	811-101042	833-001100
AR3026-IC	117-130011	117-130212	815-210010	811-303011	832-002037	811-101016	811-101040	811-101042	833-001100
AL3026	117-230011	117-230101	815-210010	811-303011	832-002037	811-101016	811-101040	811-101042	833-001100
ARU3026	117-330011	117-330101	815-210010	811-303011	832-002037	811-101016	811-101040	811-101042	833-001100
AR4026	117-140011	117-140101	815-210020	811-303011	832-002038	811-101016	811-101040	811-101042	833-001100
AR4026-IC	117-140011	117-140252	815-210020	811-303011	832-002038	811-101016	811-101040	811-101042	833-001100
AR4032	117-140011	117-140111	815-210020	811-303011	832-002039	811-101016	811-101040	811-101042	833-001100
AR4032-IC	117-140011	117-140262	815-210020	811-303011	832-002039	811-101016	811-101040	811-101042	833-001100
AL4032	117-240011	117-240111	815-210020	811-303011	832-002039	811-101016	811-101040	811-101042	833-001100
ARU4032	117-340011	117-340111	815-210020	811-303011	832-002039	811-101016	811-101040	811-101042	833-001100
ALU4032	117-440011	117-440111	815-210020	811-303011	832-002039	811-101016	811-101040	811-101042	833-001100
AR5032	117-150011	117-150111	815-210020	811-303011	832-002041	811-108018	811-101040	811-101042	833-001120

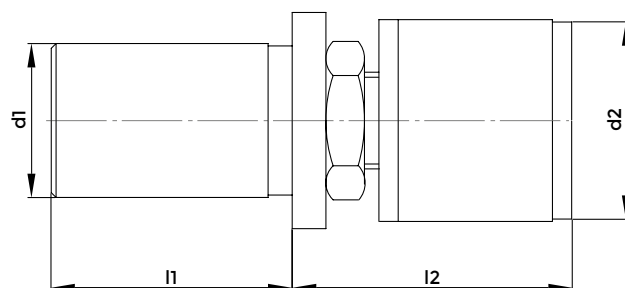
BLANKING PLUG



Z2

COD. (PLASTIC)	COD. (STEEL)	d1	d2	h1	l1	l2
7991	7993	16	40	18	45	13
5826	7994	20	50	23	56	16
Z230P	7995	30	68	28	71	16
5828	7996	40	83	32.5	83	20
5829	7997	50	98	35	98	20
7992	7998	60	123	42.5	114	20

CYLINDRICAL BAR STOP

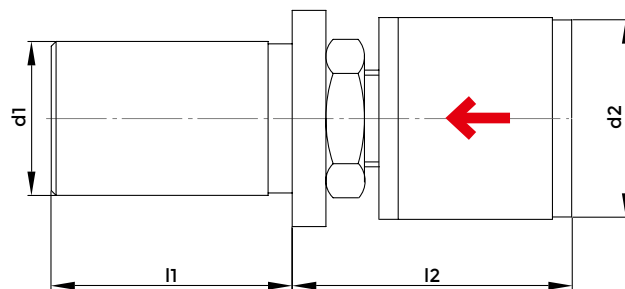


CW

COD.	d1	d2	l1	l2
1520	16,00	20	32	36-62
1719	19,05	20	32	36-62
1720	19,05	26	46	45-75
1447	20,00	34	50	62-100
1449	25,00	34	50	62-100
1459	25,00	42	50	62-100
1460	25,00	56	50	62-100
1732	32,00	42	50	62-100
1773	32,00	56	50	62-100
1736	40,00	42	70	62-100
1797	40,00	56	70	62-100

Unlike the normal rotating bar stop, in the shock-absorbing model, in addition to the radial bearing and the thrust bearing, there is a series of cup springs to better absorb any impacts of the bar.

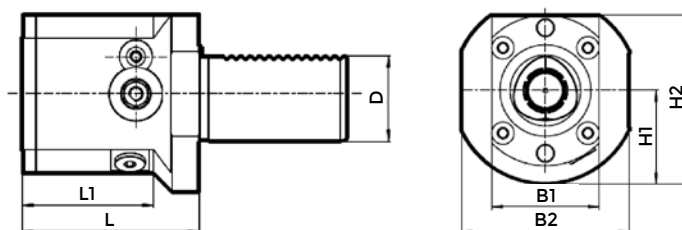
CYLINDRICAL REVOLVING BAR STOP WITH SHOCK ABSORBER



CW

COD.	d1	d2	l1	l2
2629	20,00	34	35	62 - 90
2630	20,00	34	50	62 - 100
2635	25,00	34	50	62 - 100
2421	25,00	42	50	62 - 100
2447	25,00	56	50	62 - 100
1024	25,40	42	50	62 - 100
1537	30,00	42	50	62 - 100
1552	30,00	56	50	62 - 100
1560	31,75	42	50	62 - 100
1025	32,00	42	50	62 - 100
1063	32,00	56	50	62 - 100
1061	40,00	42	70	62 - 100
1073	40,00	56	70	62 - 100

AXIAL TOOLHOLDER WITH POLYGONAL COUPLING



DIN ISO 26623-1

COD.	SHANK	L	l1	D	B1	B2	H1	H2
VDI40L75C40R/L	C40	75	56	40	48	75	41	75
VDI40L85C50R/L	C50	85	72	40	64	75	41	83
VDI40L109C63R/L	C63	109	109	40	84	84	52	104
VDI50L85C50R/L	C50	85	62	50	64	83	49	91
VDI50L105C63R/L	C63	105	105	50	84	84	52	104