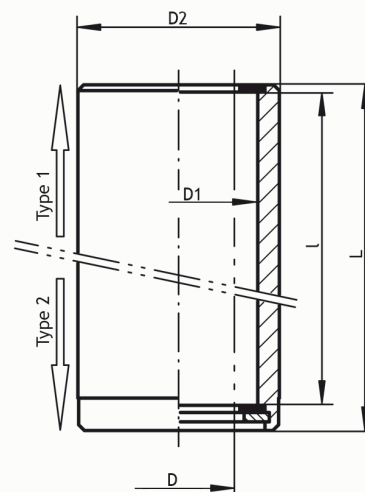




Description

Material:

- stop: steel;
- bush: ball bearing steel 100Cr 6 (1.2067 respectively 1.3505);
- careful heat treatment, hardness HRC 60-64 / HV 720-815.

Characteristics:

- version similar to DE14 but with fixed stops on both sides;
- in combination with shaft diameter D ISO-h3, a pre-stressing of the ball guide is guaranteed;
- the stop is an effective cage limit for linear and rotating movements ;
- the smooth running of the ball guide are not affected by the stops ;
- fixed stops on both sides;
- the closed guide bush together with the in factory-fitted ball cage form one component;
- conductor diameter D1 finely honed for ISO tolerance IT 3, Rz 0.5 - 1.5 µm depending on the diameter;
- roundness within 1/3 ISO-IT 3;
- cylindricity within IT 1;
- rotation accuracy of a pre-stressed shaft within 0.0005 mm;
- outside diameter D2 n4 with a turning accuracy within IT 4 with respect to guide diameter D1 ground, one-sided with search edge;
- the maximum stroke length H is determined by the length of the guide bush (l) and the ball cage (L): $H \text{ (max)} = 2 (l - L)$;
- L1 - L6 in the table represents the cage length (L) / stroke length; list box;
- Type 1: D = 4 - 12; type 2: D = 16 - 40;
- for installation and maintenance instructions, please refer to the appendix.

Special requests:

Other dimensions, designs or materials are also available according to the drawing (stainless steel 44B (1. 14112)).

Article Code	D	D1	L	D2	I	L1	L2	L4	L5	L6	Type	Material
DE17.0406.0200	4	7	20	10	18	12/12					1	Steel hardened
DE17.0406.0300	4	7	30	10	28	20/16	12/32				1	Steel hardened
DE17.0606.0250	6	10	25	14	23	16/14					1	Steel hardened
DE17.0606.0400	6	10	40	14	38	25/26	16/44				1	Steel hardened
DE17.0606.0600	6	10	60	14	58	40/36	25/66				1	Steel hardened
DE17.0806.0300	8	13	30	18	28	25/6	20/16				1	Steel hardened
DE17.0806.0400	8	13	40	18	38	30/16	25/26				1	Steel hardened
DE17.0806.0650	8	13	65	18	63	40/46	30/66	20/86			1	Steel hardened
DE17.1006.0250	10	15	25	20	22	20/4					1	Steel hardened
DE17.1006.0360	10	15	36	20	33	28/10	20/26				1	Steel hardened
DE17.1006.0500	10	15	50	20	47	40/14	28/38				1	Steel hardened
DE17.1006.0700	10	15	70	20	67	50/34	40/54	20/94			1	Steel hardened
DE17.1206.0250	12	17	25	22	22	20/4					1	Steel hardened
DE17.1206.0360	12	17	36	22	33	28/10	20/26				1	Steel hardened
DE17.1206.0500	12	17	50	22	47	40/14	28/38				1	Steel hardened
DE17.1206.0750	12	17	75	22	72	50/44	40/64	20/104			1	Steel hardened
DE17.1606.0330	16	22	33	28	27	25/4					2	Steel hardened

Article Code	D	D1	L	D2	I	L1	L2	L4	L5	L6	Type	Material
DE17.1606.0450	16	22	45	28	39	34/10	25/28				2	Steel hardened
DE17.1606.0600	16	22	60	28	54	48/12	34/40				2	Steel hardened
DE17.1606.0920	16	22	92	28	86	63/46	48/76	25/122			2	Steel hardened
DE17.2006.0420	20	26	42	32	36	28/16					2	Steel hardened
DE17.2006.0560	20	26	56	32	50	48/4	40/20				2	Steel hardened
DE17.2006.0640	20	26	64	32	58	56/4	48/20	28/60			2	Steel hardened
DE17.2006.1120	20	26	112	32	106	80/52	68/76	48/116	40/132	28/156	2	Steel hardened
DE17.2506.0450	25	31	45	38	38	30/16	23/30				2	Steel hardened
DE17.2506.0630	25	31	63	38	56	51/10	40/32	23/66			2	Steel hardened
DE17.2506.0790	25	31	79	38	72	68/8	58/28	40/46	30/84	23/98	2	Steel hardened
DE17.2506.1320	25	31	132	38	125	100/50	80/90	58/134	51/148	40/170	2	Steel hardened
DE17.3206.0630	32	40	63	48	55	54/2	30/50				2	Steel hardened
DE17.3206.0750	32	40	75	48	67	54/26	30/74				2	Steel hardened
DE17.3206.0900	32	40	90	48	82	78/8	68/28	30/104	25/114		2	Steel hardened
DE17.3206.1450	32	40	145	48	137	110/54	93/88	68/138	54/166	30/214	2	Steel hardened
DE17.4006.0800	40	48	80	60	70	68/4	62/16	30/80	25/90		2	Steel hardened
DE17.4006.0960	40	48	96	60	86	68/36	62/48	30/112	25/122		2	Steel hardened
DE17.4006.1200	40	48	120	60	110	110/0	102/16	68/84	62/96	55/110	2	Steel hardened
DE17.4006.1720	40	48	172	60	162	150/24	125/74	102/120	87/150	68/188	2	Steel hardened