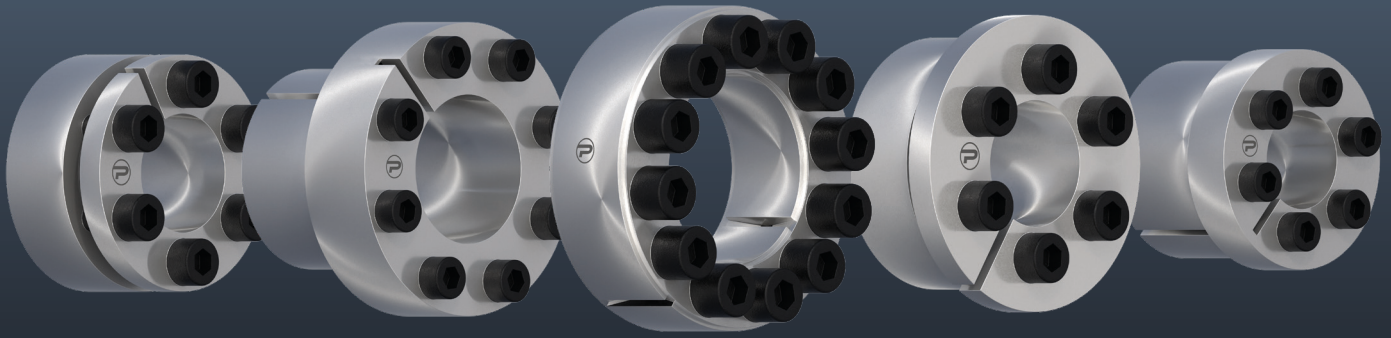




DATASHEET: LOCKING ELEMENTS

Easy installed and reliable keyless locking devices. Maintaining precise alignment enhances efficiency, reduces maintenance needs, and improves safety. Protorque locking devices ensure a secure and reliable connection between rotating components, preventing slippage and misalignment

Properties

**Maintenance-free**

Locking devices require little to no maintenance, reducing downtime, and associated costs.

**Versatile**

Adaptable to various size and types of products, locking devices suitable for a wide range of applications.

**Easy Installation**

Designed for easy installation. No key is needed in the shaft to transmit the torque.

**Safe Connection**

Locking devices ensure a secure and reliable connection between rotation components, preventing slippage and misalignment.

Product Information

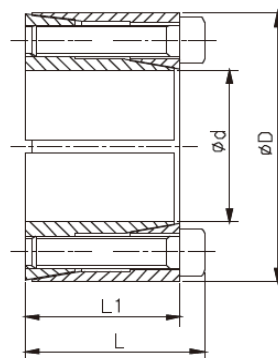


- Self-centring
- Medium-high torque

Recommended tolerance:

- Shaft: h8
- Hub: H8

Type 18



ød (mm)	øD (mm)	L1 (mm)	L (mm)	Transmitted axial force FT (KN)	Transmitted torque MT (Nm)	Contacting pressure shaft P N/mm ²	Contacting pressure hub P1 N/mm ²	Locking screw n	locking screw size	Locking torque Ts (Nm)
10	20	13	15.5	3.8	19	89	45	4	M2.5x12	1.2
11	22	13	15.5	3.8	21	81	41	4	M2.5x12	1.2
12	22	13	15.5	3.8	23	75	41	4	M2.5x12	1.2
14	26	17	20	5.5	39	71	38	4	M3x16	2.1
15	28	17	20	5.5	42	66	35	4	M3x16	2.1
16	32	17	21	9.6	77	107	54	4	M4x16	4.9
17	35	21	25	9.6	82	81	40	4	M4x20	4.9
18	35	21	25	9.6	87	77	40	4	M4x20	4.9
19	35	21	25	9.6	91	73	40	4	M4x20	4.9
20	38	21	26	15.7	157	113	60	4	M5x20	10
22	40	21	26	15.7	173	103	57	4	M5x20	10
24	47	26	32	22.3	268	110	56	4	M6x24	17
25	47	26	32	22.3	279	105	56	4	M6x24	17
28	50	26	32	33.5	468	141	79	6	M6x24	17
30	55	26	32	33.5	502	132	72	6	M6x24	17
32	55	26	32	33.5	535	123	72	6	M6x24	17
35	60	31	37	44.6	781	125	73	8	M6x28	17
38	65	31	37	44.6	848	115	67	8	M6x28	17
40	65	31	37	44.6	892	110	67	8	M6x28	17
42	75	36	44	60.6	1272	122	68	6	M8x34	41
45	75	36	44	60.6	1363	113	68	6	M8x34	41
48	80	36	44	80.8	1938	142	85	8	M8x34	41
50	80	36	44	80.8	2019	136	85	8	M8x34	41