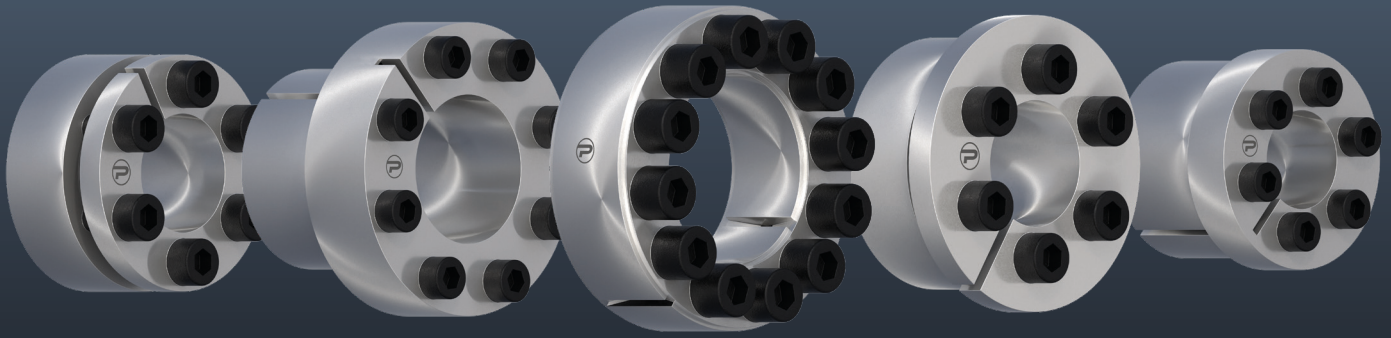




DATASHEET: LOCKING ELEMENTS

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.

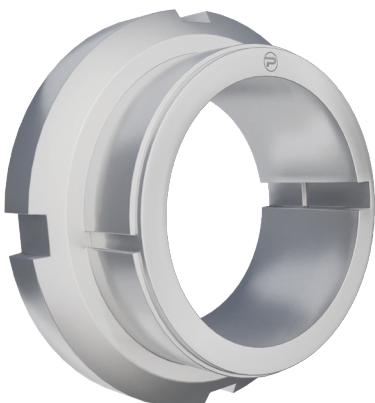
**Easy Installation**

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

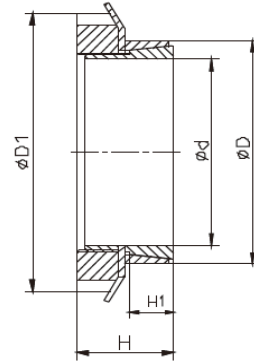
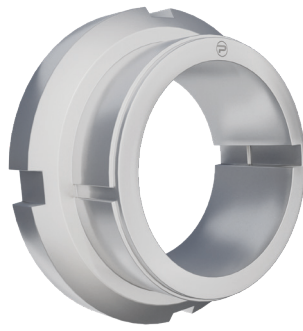


- Not self-centring
- Medium-low torque

Recommended tolerance:

- Shaft: h8
- Hub: H8

Type 17



$\varnothing d$ (mm)	$\varnothing D$ (mm)	H (mm)	h1 (mm)	$\varnothing D1$ (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)
14	25	17	6.5	32	7	52	241	135	1	M20x1	95
15	25	17	6.5	32	7	56	225	135	1	M20x1	95
16	25	17	6.5	32	7	60	211	135	1	M20x1	95
18	30	17.5	6.5	38	10	91	256	154	1	M25x1.5	160
19	30	18	6.5	38	10	96	242	154	1	M25x1.5	160
20	30	18	6.5	38	10	102	230	154	1	M25x1.5	160
24	35	18	6.5	45	12	139	218	150	1	M30x1.5	220
25	35	18	6.5	45	12	144	210	150	1	M30x1.5	220
28	40	18	6.5	52	15	215	248	174	1	M35x1.5	340
30	40	20	8	52	15	230	188	141	1	M35x1.5	340
35	45	22	8	58	19	331	199	155	1	M40x1.5	480
40	50	25	10	65	24	477	176	141	1	M45x1.5	680
45	55	26	10	70	27	617	180	147	1	M50x1.5	870
48	60	26	10	75	28	669	171	137	1	M55x2	970
50	60	26	10	75	28	697	164	137	1	M55x2	970
55	65	27	12	80	29	796	129	109	1	M60x2	1100
60	70	29	12	85	32	946	129	111	1	M65x2	1300