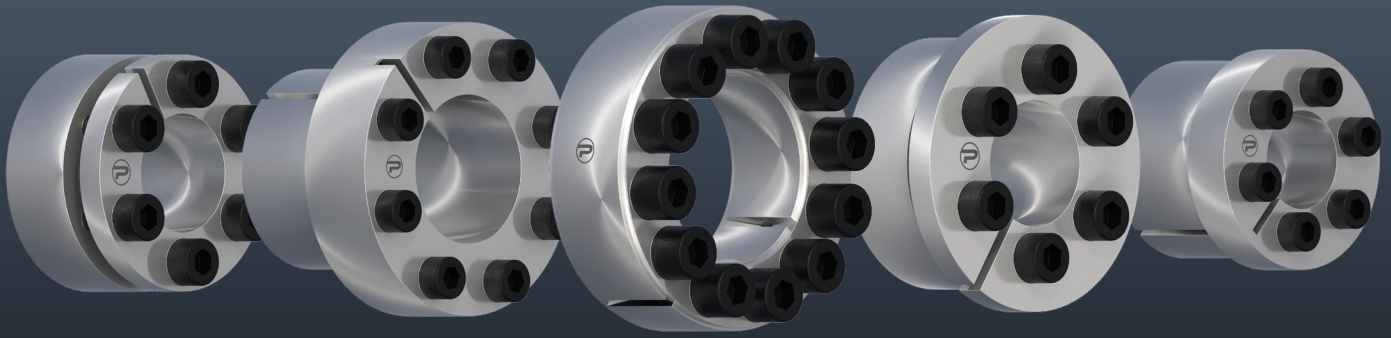




DATASHEET: LOCKING ELEMENTS

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.

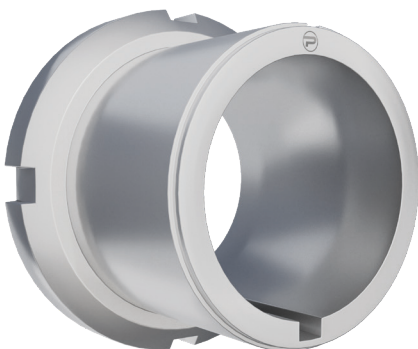
**Easy Installation**

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

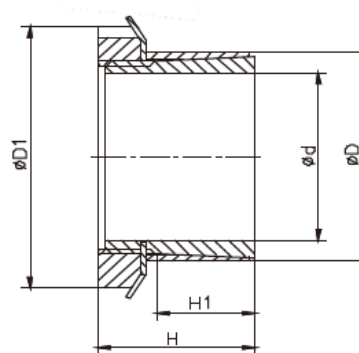
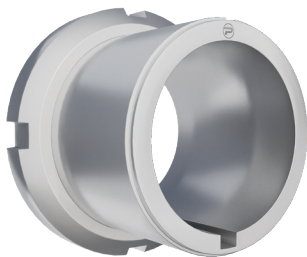


- Self-centring
- Medium-high torque

Recommended tolerance:

- Shaft: h8
- Hub: H8

Type 21



ød (mm)	øD (mm)	H (mm)	H1 (mm)	ø 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)
15	25	31	20	32	9	77	91	55	1	M20x1	95
18	30	33	21	38	13	125	98	59	1	M25x1.5	160
19	30	33	21	38	13	132	93	59	1	M25x1.5	160
20	30	33	21	38	13	139	88	59	1	M25x1.5	160
24	35	38	25	45	15	202	74	51	1	M30x1.5	220
25	35	38	25	45	15	210	71	51	1	M30x1.5	220
28	40	44	28	52	20	312	76	53	1	M35x1.5	340
30	40	44	28	52	20	335	71	53	1	M35x1.5	340
35	45	45	28	58	25	483	75	58	1	M40x1.5	480
40	50	46	28	65	31	696	82	66	1	M45x1.5	680
45	55	47	28	70	36	902	84	69	1	M50x1.5	870
50	60	47	28	75	37	1014	77	64	1	M55x2	970
55	65	48	28	80	38	1158	73	61	1	M60x2	1100
60	70	50	28	85	41	1379	73	62	1	M65x2	1300