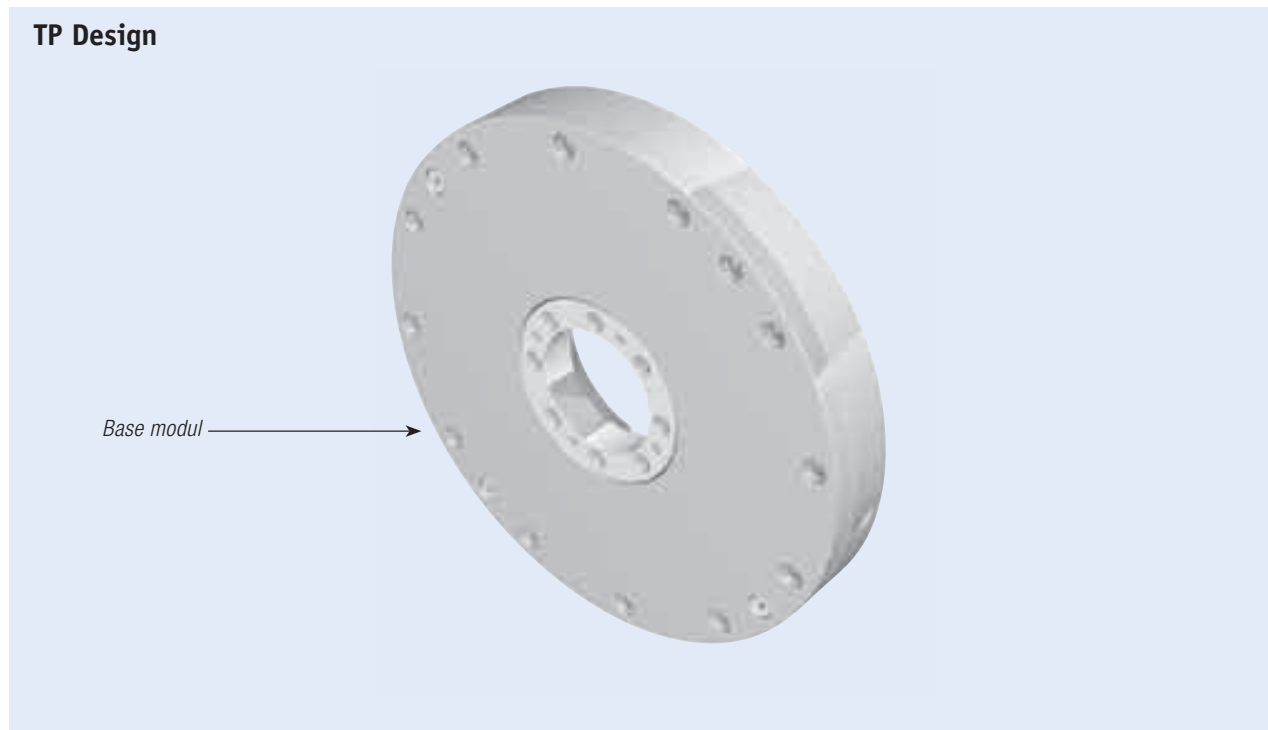


Active without pressure – flat design: The Clamping Element for torque take-up with spring-loaded energy storage TP.

The TP series is a pneumatic clamping element for torque motors or for rotational axes. It works with a newly developed spring-loaded energy storage system. Torque take-up occurs inside the TP which excludes wear on the driven shaft. TP achieves high holding torques at a pneumatic opening pressure of > 4 bar.

Due to high rigidity, positioning accuracy is exact in use. The zero maintenance TP is suitable for shaft diameters of Ø50 to Ø320 mm. It is characterised by easy assembly and a flat design.

TP Design



Special characteristics:

- High holding torques
- High rigidity
- Exact positioning
- Flat design

Application scenarios for TP:

- For deployment in torque motors
- For deployment in rotating disc contactors
- For deployment in axis modules
- Torque take-up of shafts
- Clamping in case of pressure drop

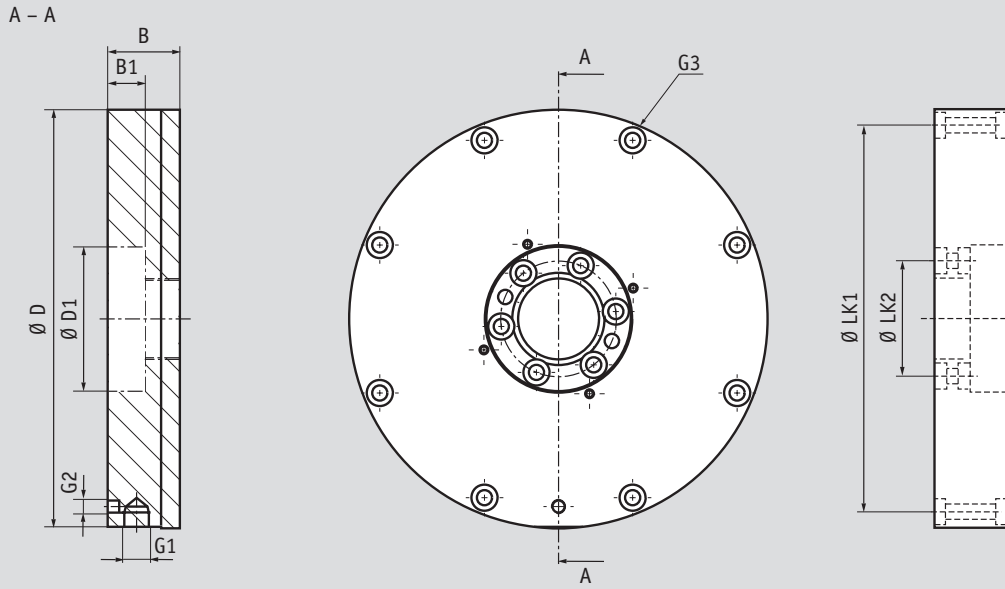
Variations:

Available as 6 bar variation with higher holding forces on request.

Connection options:

The air connection features a radial and axial arrangement.

TP



Size [mm]	Item number	Holding torque [Nm] TP	B [mm]	B1 [mm]	Ø D [mm]	Ø D1 [mm]	Ø LK1 [mm]	Ø LK2 [mm]	G1	G2	G3
50	TPS050	60	25	13	145	50	134	40	G1/8"	M5	M5
60	⊙										
70	⊙										
80	⊙										
90	TPS090	130	28	14	185	90	174	80	G1/8"	M5	M5

