

Product



No. 1 Position

- ✓ **Centric gripper with large center hole and internal screw**

Market and Competitors

Key Competitor

- ✓ No standard gripper at competitors

Advantages towards competitors:

- ✓ Multiple-tooth guidance
- ✓ Large center bore
- ✓ Internal screw in center bore

Product Features

Unique Selling Points:

- ✓ **Center through-hole**
Available with fitting and female thread, which facilitates assembly of customer attachments. Moreover, the center bore is used for feed through of supply hoses and others

Further product features:

- ✓ Sturdy multi-tooth guide
- ✓ High gripping force and high moment capacity
- ✓ Magnetic switch monitoring possible
- ✓ Gripping force safety device available as an option
- ✓ Air supply via hose-free direct connection or screw connections for the flexible supply of compressed air in all automation systems
- ✓ Manifold options
- ✓ Optional with mechanic gripping force maintenance

Cost Effectiveness/ Customer Benefits

Customer benefits:

- ✓ precise handling
- ✓ suitable for using long gripper fingers
- ✓ for a wide range of applications
- ✓ available with fitting and female thread, which facilitates assembly of customer attachments. Moreover, the center bore is used for feed through of supply hoses and others
- ✓ flexible supply of compressed air in all automation systems

Technical Data/ Functions

Technical data:

- ✓ Sizes: 200, 240, 300
- ✓ Weight: ...– 53 kg
- ✓ Gripping force: ... - 27400 N
- ✓ Stroke per finger: ... - 35 mm
- ✓ Workpiece weight: ...- 100 kg

Complementary products:

- ✓ TCU, AGE-F, CWS, BSWS, UZB, etc.
- ✓ Sensorik MMS, MMS-PI, MMS-P, IN, FPS, APS

Industries and Fields of Application

The PZB-plus particularly convinces in the following industries

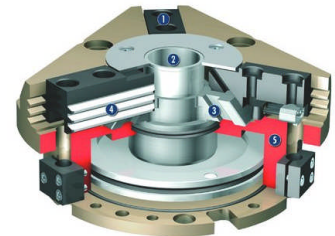
- ✓ Handling
- ✓ Electronics
- ✓ Automotive

Applications

- ✓ Crosscut of cables
- ✓ For universal use in clean and slightly dirty environments. Suitable for applications that require a center bore, e.g. for workpiece feed, special sensor systems or optical recognition systems

Additional Information

Cross Section



1. **Base jaws**
for the connection of workpiece-specific gripper fingers
2. **Center bore**
for workpiece feeding, for sensor systems, actuators (ejectors) or optical workpiece recognition
3. **Kinematics**
for high power transmission and centric gripping
4. **Multiple-tooth**
precise gripping through base jaw guidance with a high load capacity and a minimum play
5. **Housing**
weight-optimized through application of hard-anodized, high-strength aluminum alloy



Questions about the product? Your contact person of the Product Management Automation is M. Nagel (+49 - 7133 - 103 - 2561)