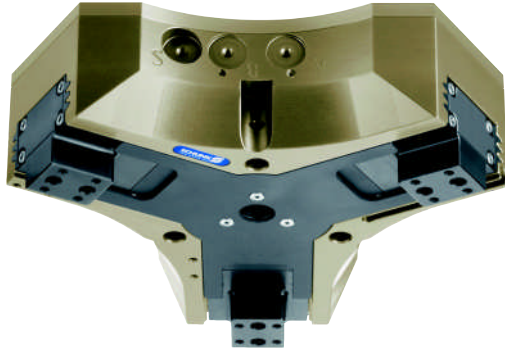


Product



No. 1 Position

The multi-tooth guided 3-finger long-stroke centric gripper with large center hole

Product Features

Unique Selling Points:

- ✓ Toothed belt drive for a long stroke (vast work-piece spectrum)

Further product features:

- ✓ Increase of the compact performance by up to 100 % towards many other available centric grippers
- ✓ Design based on a high-strength aluminum housing
- ✓ Monitoring via inductive sensors (standard in the automotive industry)
- ✓ Magnetic field sensor for standardized, compact monitoring possibilities

Market and Competitors

Key Competitors

- ✓ Sommer GD serie
- ✓ PHD ML serie
- ✓ Tecnomors QZ 430
- ✓ Manufacturers of conventional 3-Finger-Concentric Grippers with a long stroke

Advantages towards competitors:

- ✓ Compact performance with regard to volume and mass
- ✓ Long stroke (vast workpiece spectrum) at small O.D.s

Cost Effectiveness/ Customer Benefits

Customer Benefits:

- ✓ Wherever a gripper with a long stroke can be used, it replaces several grippers with a short stroke
- ✓ Cost-intensive jaw changes belong to the past when the gripper is used for applications with a vast workpiece spectrum/ range of diameters.
- ✓ The gripper is suitable for I.D. and O.D. gripping.

Technical Data/ Functions

Technical Data:

- ✓ Sizes: 20,30, 50, 75
- ✓ Weight: 1.6 to 33 kg
- ✓ Gripping force: 375 .. 3.800 N
- ✓ Stroke per finger: 20,30, 50, 75 mm
- ✓ Workpiece weight: 1.25 .. 19.3 kg

Complementary Product:

- ✓ FMS Force Measuring Jaws
- ✓ BSWSJaw Quick-Change System
- ✓ Universal intermediate jaws
- ✓ Pressure piece
- ✓ IN Inductive sensors
- ✓ MMS 22 Magnetic Switch

Industries and Application

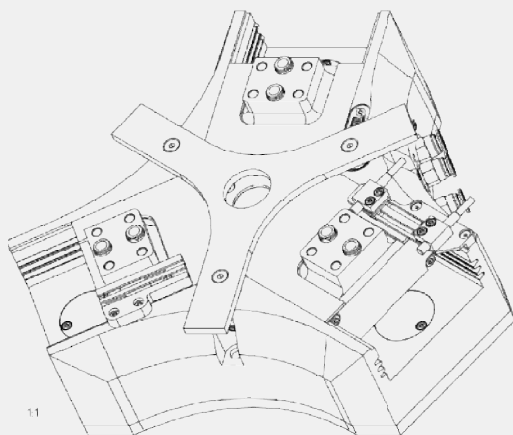
PZH-plus particularly convinces in the following industries:

- ✓ Renewable energies: "Wind power"
- ✓ Automotive industry
- ✓ Metal cutting

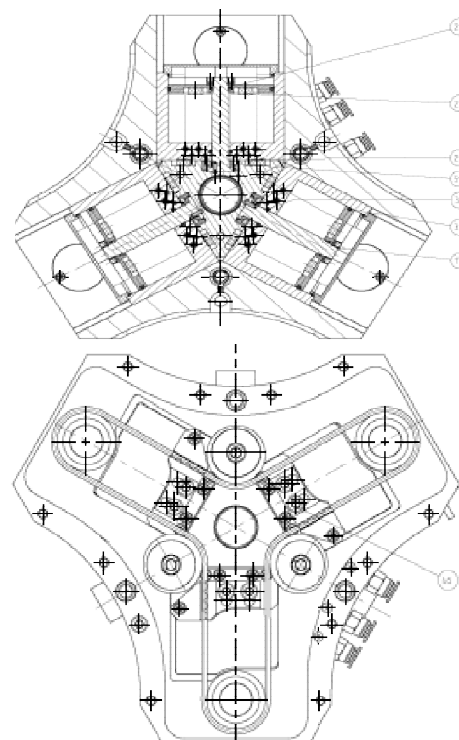
Applications:

- ✓ Loading and unloading of gearwheels
- ✓ Handling of bearing rings
- ✓ Handling of rim wheels
- ✓ Handling of cast blanks

Additional information



Cross Section



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