

Application-specific grippers



RDPP - Sealed parallel gripper

APPLICATION

Sealed parallel gripper with precise square guide for rough environments.

TYPE

Available in sizes 80 to 160 in especially compact design.

CUSTOMER BENEFITS

- Doubly sealed precision square guide for use under drilling or grinding emulsions
- Optionally with gripping force securing device for inner and outer clamping
- Gripper fingers mounted laterally for minimum load distance
- Maximum flexibility thanks to versatile connection and fastening options

TECHNICAL FEATURES

Centrally clamping in compact design made of high-strength, hard-coated aluminum alloy. All functional parts made of hardened steel for maximum service life. Position can be queried using inductive and magnetic sensors.

Other sizes available on request. Optionally available with FKM seals for higher temperatures up to 150°C (on request).



RPR - Compact long stroke gripper

APPLICATION

Compact long stroke gripper for handling large parts and high part variety.

TYPE

Available in sizes 22 and 42 in especially compact design. High precision thanks to double-piston drive synchronized via gear wheel.

CUSTOMER BENEFITS

- Compact design with long jaw stroke for especially cramped spatial conditions
- High gripping force with simultaneously long jaw stroke by means of double-acting pressure pistons
- Gripper fingers mounted laterally for minimum load distance
- Maximum flexibility thanks to versatile connection and fastening options

TECHNICAL FEATURES

Centrally clamping in compact design made of high-strength, hard-coated aluminum alloy. All functional parts made of hardened steel for maximum service life. Robust double-piston guide in compact housing, pneumatically actuated. Position can be queried using inductive and magnetic sensors. Integrated damping ring in the end positions for high availability.

Other sizes available on request. Optionally available with FKM seals for higher temperatures up to 150°C (on request).