

Clamping cartridge KP-4-80

Part number: 178452

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Mounting position | optional |
| Type of clamping with direction of action | on both sides Clamping via spring force, released via compressed air |
| Design | Tilting wedge mechanism |
| Variants | Piston rod at one end |
| Operating pressure | 0.3 MPa ... 1 MPa |
| Operating pressure | 3 bar ... 10 bar |
| Operating pressure | 43.5 psi ... 145 psi |
| Release pressure | ≥0.3 MPa |
| Release pressure | ≥3 bar |
| Round material to be clamped | 4 mm |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -10 °C ... 80 °C |
| Static holding force | 80 N |
| Product weight | 10 g |
| Material seals | NBR TPE-U(PU) |
| Material spring | Spring steel |
| Material housing | Anodised |
| Material clamp jaws | Brass |
| Material piston | POM |