

Clamping cartridge KP-6-180

Part number: 178453

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Mounting position	Any
Clamping type with active direction	Both sides Clamped by spring, released by compressed air
Structural design	Tilting plate
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	6 mm
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C ... 80 °C
Static holding force	180 N
Product weight	15 g
Seals material	NBR TPE-U(PU)
Material of spring	Spring steel
Housing material	Anodized
Clamping jaws material	Brass
Material of piston	POM