

# 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	Hinge-down panes
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