

Clamping cartridge KP-25-5000

Part number: 178460

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Mounting position	optional
Type of clamping with direction of action	on both sides Feder-
Design	Tilting wedge mechanism
Variants	Piston rod at one end
Operating pressure	≤1 MPa
Operating pressure	≤10 bar
Release pressure	≥0.3 MPa
Release pressure	≥3 bar
Round material to be clamped	25 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	5000 N
Product weight	700 g
Material seals	NBR TPE-U(PU)
Material spring	Spring steel
Material housing	Aluminium Anodised
Material clamp jaws	Brass
Material piston	POM