

# Locking cartridges

## KP-16-1000

Part number: 178457

FESTO



### Data sheet

Feature	Value
Assembly position	Any
Type of clamping with direction of action	at both ends Clamping with spring, release with compressed air
Design structure	Tilting disks
Variants	Single-ended piston rod
Operating pressure MPa	$\leq 1$ MPa
Working pressure	$\leq 10$ bar
Release pressure (MPa)	$\geq 0.3$ MPa
Release pressure (bar)	$\geq 3$ bar
Round material to be clamped	16 mm
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 ... 80 °C
Static holding force	1,000 N
Product weight	90 g
Material seals	NBR TPE-U(PU)
Material spring	Spring steel
Material housing	Aluminum Anodized
Material clamp jaws	Brass
Material piston	POM