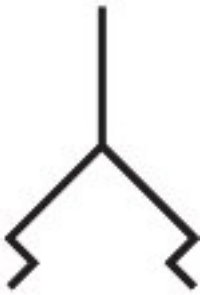
Vacuum suction cup
ESS-100-GT-M10

Part number: 525986





Data sheet

Feature	Value
Suction cup holder height compensator	9 mm
Min. workpiece radius	135 mm
Nominal width	5.5 mm
Suction cup diameter	100 mm
Suction cup volume	53.9 cm³
Mounting position	Any
Structural design	Round, bell-shaped
Classification of suction cup holder	Size 5
Suction cup shape	Round, deep
Operating pressure	-0.95 bar...0 bar
Nominal operating pressure	-0.7 bar
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-A1-L
Ambient temperature	-10 °C...80 °C
Breakaway force at 70% vacuum	297 N
Holding force at nominal operating pressure	375 N
Max. tightening torque for mounting thread	12 Nm
Lateral force at nominal operating pressure	183 N
Product weight	86.5 g
Type of mounting	Via vacuum connection
Vacuum connection	M10
Color	Reddish brown
Shore hardness	72 +/-5
Material of screwed plug	Wrought aluminum alloy
Note on materials	RoHS compliant
Suction cup material	VULKOLLAN