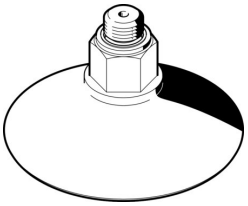
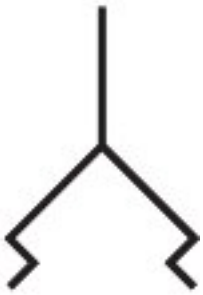
Vacuum suction cup
ESS-80-GT-G1/4

Part number: 525985





Data sheet

Feature	Value
Suction cup holder height compensator	7.5 mm
Min. workpiece radius	100 mm
Nominal width	5.5 mm
Suction cup diameter	80 mm
Suction cup volume	28.6 cm³
Mounting position	Any
Structural design	Round, bell-shaped
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	245 N
Holding force at nominal operating pressure	245 N
Max. tightening torque for mounting thread	11 Nm
Lateral force at nominal operating pressure	99 N
Product weight	60 g
Type of mounting	Via vacuum connection
Vacuum connection	G1/4
Color	Reddish brown
Shore hardness	72 +/-5
Material of screwed plug	Wrought aluminum alloy
Note on materials	RoHS compliant
Suction cup material	VULKOLLAN