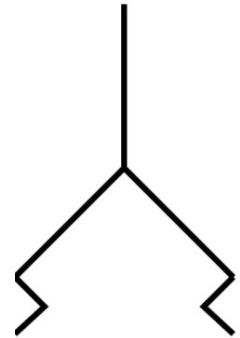
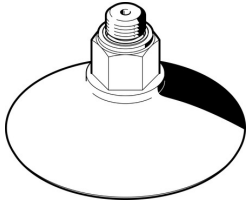


Vacuum suction cup ESS-80-GT-G1/4

Part number: 525985

FESTO



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 cm ³
Type code	ESS
Mounting position	Any
Structural design	Round, bell-shaped
Symbol	00991485
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
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 trunnion	Wrought aluminum alloy
Note on materials	Free of copper and PTFE RoHS-compliant
Suction cup material	Vulkollan®