

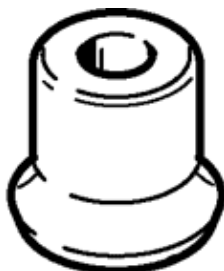
# Suction cup complete

## ESS-8-SS

Part number: 189281

FESTO

Wearing part, easily replaceable



## Data sheet

Feature	Value
Min. workpiece radius	20 mm
Nominal size	2 mm
suction cup diameter	8 mm
suction cup volume	0.03 cm <sup>3</sup>
Ejector pulse suitability	≤ 4 bar
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 2
Suction cup shape	round flat
Operating pressure MPa	-95 ... 0 kPa
Working pressure	-0.95 ... 0 bar
Operating pressure	-13.775 ... 0 psi
Nominal operating pressure	-70 kPa
Nominal working pressure	-0.7 bar
Nominal operating pressure (psi)	-10.15 psi
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:::]
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364 zone III
Food-safe	See Supplementary material information
Ambient temperature	-30 ... 180 °C
Retention force at nominal operating pressure	2.3 N
Lateral force at nominal operating pressure	3.5 N
Product weight	0.2 g
Mounting type	Via vacuum port
Vacuum connection	Inside diameter 4 mm
Color	transparent
Shore hardness	50 +/- 5
Material of threaded plug	Nickel-plated brass
Materials note	Conforms to RoHS
Material suction cup	VMQ (silicon)