

Flat suction cup (round)

SUF 12 SI-55 M5-IG



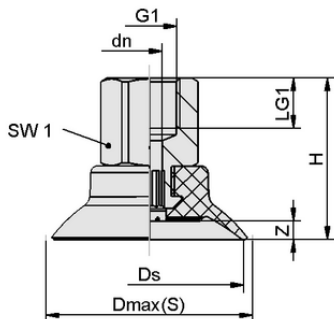
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SUF 12 SI-55 M5-IG

Suction cup SUF (elastomer part + connector) is delivered assembled.

Available spare parts: suction cup SUF, connector SC



Design data SUF 12 SI-55 M5-IG

Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	12.00
Vacuum connection	M5-F
Material characteristics	FDA-compatible

Design data

Attribute	Value
Height H	18.60 mm
Nominal diameter dn	3.10 mm
Thread G1	M5-F
Thread length LG1	5.5 mm
Key width SW1	8.0 mm
Spring stroke Z	1.2 mm
Diameter Ds	12.0 mm
Diameter Dmax(S)	13.2 mm



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**Technical data**

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	2.0 mm
Workpiece radius min. (convex)	12.5 mm
Pull-off force	5.00 N
Suction force (-600mbar)	5.00 N
Weight	1.90 g
Volume	0.120 cm ³
Size	12.00
Number of folds	0.0
Product family	SUF

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.01.14169

**Ordering Data Spare Parts 10.01.01.14169**

Typ		Item number
Schmalz-Connector	SC 030 M5-IG	10.01.06.03440
Flat suction cup (round)	SUF 12 SI-55 SC030	10.01.01.13966

