Flat suction cup (round)

SUF 18 HT1-60 G1/8-AG

Part no..:10.01.01.14146

https://www.schmalz.com/10.01.01.14146

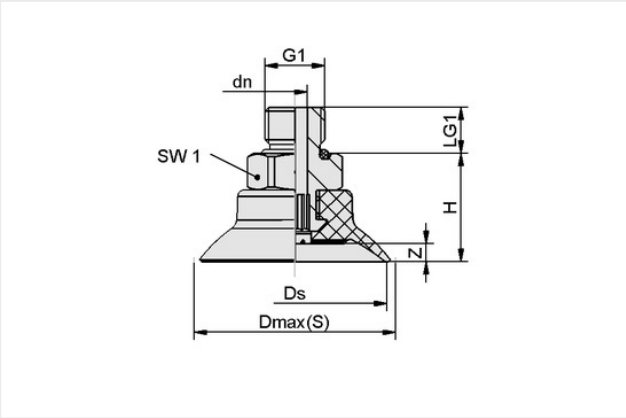
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Flat suction cup (round) for process safe handling of smooth or slightly rough surfaces



- Size: 18
- Suction cup material: High temperature material HT1
- Material hardness [Shore A]: 60 Shore A
- Vacuum connection: G1/8"-M

Design Data



Attribute	Value
Dmax(S)	20.60 mm
Ds	18 mm
dn	3.10 mm
G1	G1/8"-M
H	15.30 mm
LG1	7.50 mm
SW1	14 mm
Z (Stroke)	1.80 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	13 N
Pull-off force	13 N
Volume	0.37 cm³
Curve radius (min) (convex)	20 mm
Hose diameter (rec.) d	4 mm
Size	18
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A

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Weight	5.10 g
Product family	SUF
Number of folds	0

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface - they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SC 030 G1/8-AG

Part no..:10.01.06.04288

Connection geometry: 030
Vacuum connection: G1/8"-M
Fitting length: 6 mm
Nominal diameter dn: 3.1 mm



SUF 18 HT1-60 SC030

Part no..:10.01.01.13990

Size: 18
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A