

Flat suction cup (round)

SUF 20 HT1-60 G1/8-AG

Part no.:10.01.01.14147

<https://www.schmalz.com/10.01.01.14147>

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



Size: 20

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)	22.80 mm
Ds	20 mm
dn	3.10 mm
G1	G1/8"-M
H	15.50 mm
LG1	7.50 mm
SW1	14 mm
Z (Stroke)	2 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	15 N
Pull-off force	15 N
Volume	0.50 cm ³
Curve radius (min) (convex)	20 mm
Hose diameter (rec.) d	4 mm
Size	20
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A

Contact Schmalz

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Weight	5.50 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 20 HT1-60 SC030

Part no.:10.01.01.13991

Size: 20

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

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