

Flat suction cup (round)

SUF 30 HT1-60 G1/8-IG

Part no.:10.01.01.14109

<https://www.schmalz.com/10.01.01.14109>

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



Size: 30

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Vacuum connection: G1/8"-F

Design Data



Attribute	Value
Dmax(S)	33.30 mm
Ds	30 mm
dn	4.10 mm
G1	G1/8"-F
H	25.70 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	3 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	34 N
Pull-off force	34 N
Volume	1.60 cm ³
Curve radius (min) (convex)	35 mm
Hose diameter (rec.) d	4 mm
Size	30
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A

Contact Schmalz

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Weight	12 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 040 G1/8-IG

Part no.:10.01.06.02482

Connection geometry: 040

Connection: G1/8"-F

Length L1: 20.7 mm

Fitting length: 14 mm

Nominal diameter dn: 4.1 mm



SUF 30 HT1-60 SC040

Part no.:10.01.01.13993

Size: 30

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

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