

Flat suction cup (round)

SUF 40 HT1-60 G1/8-IG

Part no.:10.01.01.14111

<https://www.schmalz.com/10.01.01.14111>

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



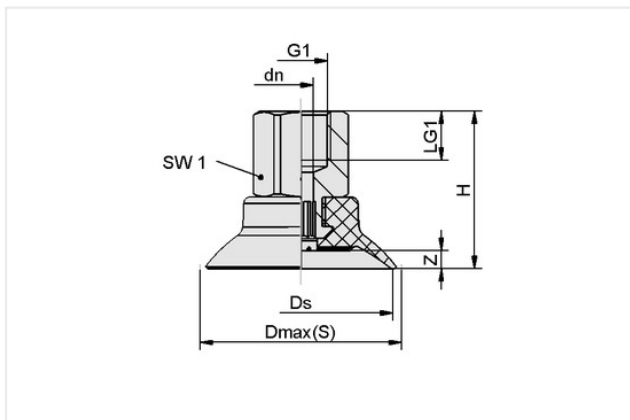
Size: 40

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)	44 mm
Ds	40 mm
dn	6.10 mm
G1	G1/8"-F
H	30 mm
LG1	8 mm
SW1	17 mm
Z (Stroke)	4 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	61 N
Pull-off force	61 N
Volume	3.80 cm ³
Curve radius (min) (convex)	50 mm
Hose diameter (rec.) d	4 mm
Size	40
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A

Contact Schmalz

Schmalz B.V. | Generatorstraat 34, 7556 RC Hengelo, Netherlands | +31 74 255 5757 | info@schmalz.nl

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Weight	18.90 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 050 G1/8-IG

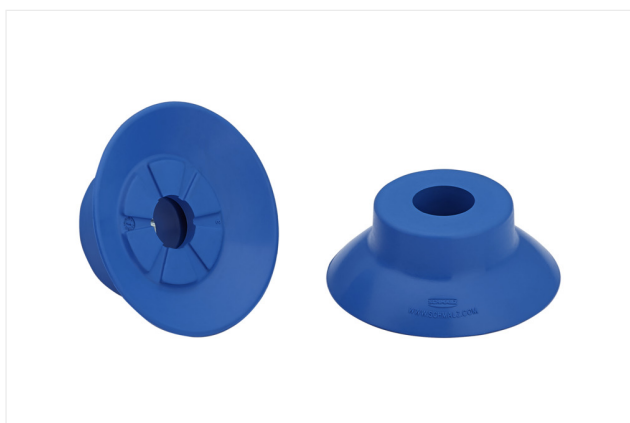
Part no.:10.01.06.04308

Connection geometry: 050

Vacuum connection: G1/8"-F

Fitting length: 14 mm

Nominal diameter dn: 6.1 mm



SUF 40 HT1-60 SC050

Part no.:10.01.01.13995

Size: 40

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A