Flat suction cup (round)

SAF 50 NBR-45 M10-AG

Part no..:10.01.01.11444

https://www.schmalz.com/10.01.01.11444

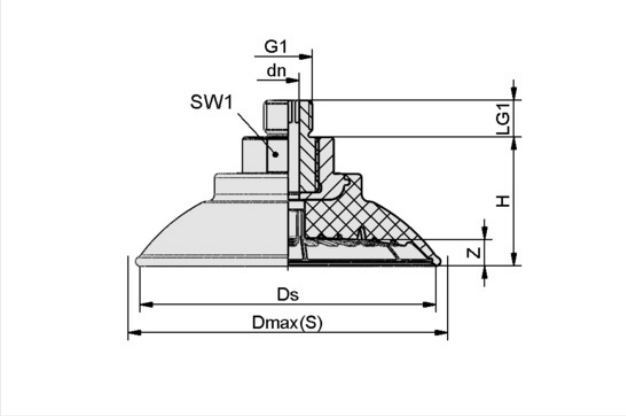
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Flat suction cup (round) for very dynamic handling of smooth and oily workpieces



- Size: 50
- Suction cup material: Nitrile rubber NBR
- Material hardness [Shore A]: 45 Shore A
- Nipple material: Steel
- Connection: M10-AG

Design Data



Attribute	Value
dn	4 mm
Dmax(S)	56 mm
Ds	50 mm
G1	M10-M
H	28 mm
LG1	12 mm
SW1	22 mm
Z (Stroke)	5 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Technical Data

Attribute	Value
Suction force (-600mbar)	100 N
Lateral force	80 N
Lateral force (oily surface)	76 N
Volume	9.48 cm^3
Curve radius (min) (convex)	65 mm
Hose diameter (rec.) d	4 mm
Size	50

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Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45 Shore A
Weight	54.10 g
Number of folds	0
Product family	SAF

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 Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Accessories



SU 50

Part no..:10.01.01.12837

Size: 50
Clamping range: 45.0 ... 60.0 mm
Temperature resistance: 80 °C