

## Flat suction cup (round)

SAF 60 NBR-45 G1/4-AG

Part no.:10.01.01.11450

<https://www.schmalz.com/10.01.01.11450>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal > Flat Suction Cups SAF > SAF 60 NBR-45 G1/4-AG

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



Size: 60

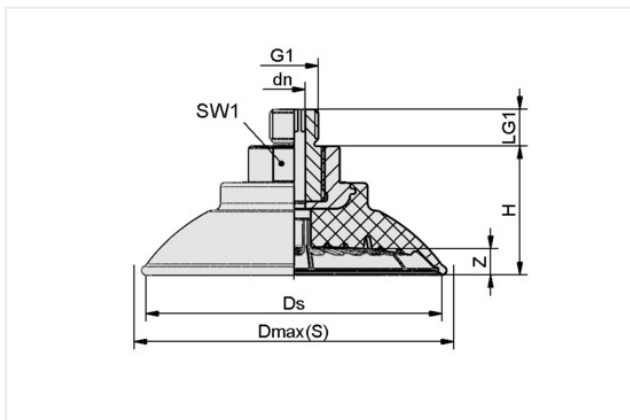
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 45 Shore A

Nipple material: Aluminum

Connection: G1/4-AG

### Design Data



Attribute	Value
dn	6 mm
Dmax(S)	67 mm
Ds	60.60 mm
G1	G1/4"-M
H	31 mm
LG1	10 mm
SW1	22 mm
Z (Stroke)	6 mm

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

### Technical Data

Attribute	Value
Suction force (-600mbar)	150 N
Lateral force	105 N
Lateral force (oily surface)	85 N
Volume	16.70 cm <sup>3</sup>
Curve radius (min) (convex)	75 mm
Hose diameter (rec.) d	6 mm
Size	60

### Contact Schmalz

Schmalz S.r.l. a Socio Unico | Via Ticino 105, 28066 Galliate (NO), Italy | +39 0321 62 15 10 | [schmalz@schmalz.it](mailto:schmalz@schmalz.it)

## Flat suction cup (round)

SAF 60 NBR-45 G1/4-AG

Part no.:10.01.01.11450

<https://www.schmalz.com/10.01.01.11450>

Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45 Shore A
Weight	46.40 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 60

Part no.:10.01.01.13585

Size: 60

Clamping range: 60.0 ... 70.0 mm

Temperature resistance: 80 °C