Flat suction cup (round)

SHFN 85 NK-45 G1/4-IG E

Part no..:10.01.01.12211

https://www.schmalz.com/10.01.01.12211

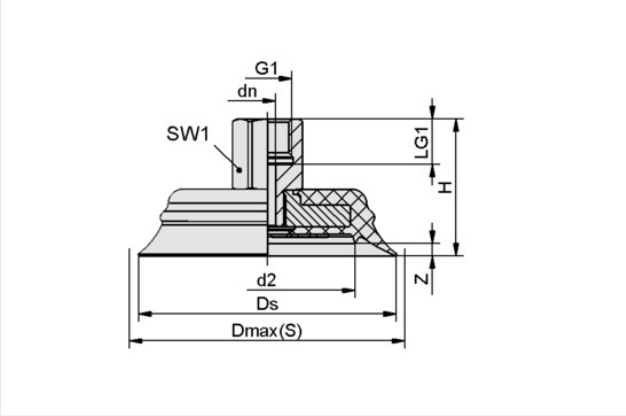
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Flat suction cup (round) for highly dynamic handling of wood



- Size: 85
- Suction cup material: Natural Rubber NK
- Material hardness [Shore A]: 45 Shore A
- Connection: G1/4-IG
- Type: E

Design Data



Attribute	Value
d2	62 mm
dn	4.40 mm
Dmax(S)	89 mm
Ds	85 mm
G1	G1/4"-F
H	37.40 mm
LG1	12.40 mm
SW1	17 mm
Z (Stroke)	4 mm

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

Technical Data

Attribute	Value
Size	85
Suction cup material	Natural Rubber NK
Suction force d2	175 N
Suction force (-600mbar)	300 N
Lateral force	210 N
Volume	25 cm^3
Curve radius (min) (convex)	176 mm

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Hose diameter (rec.) d	6 mm
Number of folds	0
Weight	100 g
Product family	SHFN

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 Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Accessories

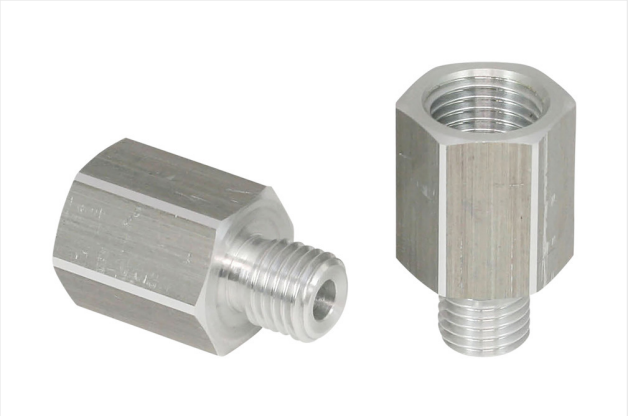


SIEB 14.5x1 MS-A2 0.103/0.15

Part no..:10.05.03.00023

External diameter D: 14.5 mm
Length L: 1 mm
Material: Brass / Stainless steel

Spare parts



SA-NIP N009 G1/4-IG DN440

Part no..:10.01.01.12192

Thread G1: G1/4"-F
Fitting length: 19.3 mm
Material: Aluminum

Flat suction cup (round)

SHFN 85 NK-45 G1/4-IG E

Part no..:10.01.01.12211

https://www.schmalz.com/10.01.01.12211



SHF 85 NK-45 M10x1.25-IG E

Part no..:10.01.01.12209

Size: 85
Thread G1: M10x1.25-F
Suction cup material: Natural Rubber NK
Material hardness [Shore A]: 45 Shore A
Type: E



SHF 85 NK-45 M10x1.25-IG E

Part no..:10.01.01.12209

Size: 85
Thread G1: M10x1.25-F
Suction cup material: Natural Rubber NK
Material hardness [Shore A]: 45 Shore A
Type: E