

Flat suction cup (round)

SHFN 70 NK-45 G1/4-AG MOS

Part no.: 10.01.01.11691

<https://www.schmalz.co.jp/10.01.01.11691>

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



Size: 70

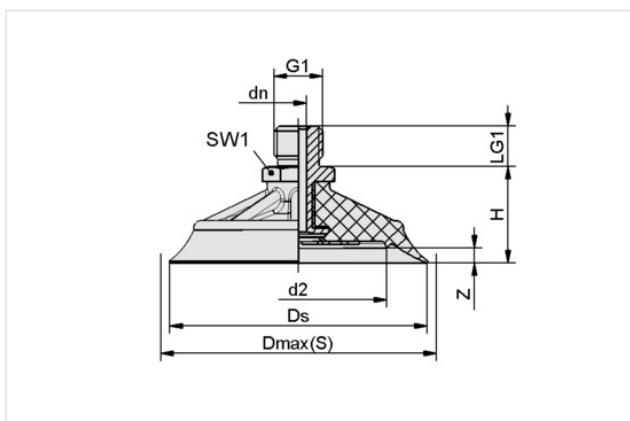
Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A

Nipple material: Aluminum

Connection: G1/4-AG

Design Data



Attribute	Value
d2	36 mm
dn	4.40 mm
Dmax (S)	74 mm
Ds	70 mm
G1	G1/4"-M
H	26.20 mm
LG1	11 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	70
Suction cup material	Natural Rubber NK
Suction force d2	100 N
Suction force (-600mbar)	200 N
Lateral force	145 N
Volume	12.80 cm ³
Curve radius (min) (convex)	95 mm
Hose diameter (rec.) d	6 mm

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

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Number of folds	0
Weight	31.50 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 15x0.8 MS-A2 0.103/0.07

Part no.: 10.07.01.00211

External diameter D: 15 mm

Length L: 0.8 mm

Material: Brass / Stainless steel

Spare parts



SA-NIP N041 G1/4-AG DN440

Part no.: 10.01.01.11772

Thread G1: G1/4"-M

Fitting length: 4 mm

Material: Aluminum

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SHF 70 NK-45 N041 MOS

Part no.: 10.01.01.11686

Size: 70

Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A



DR 46/36x5 S05 EPDM-15 KE

Part no.: 10.01.06.01678

External diameter D: 46 mm

Internal diameter d: 36 mm

Height H: 5 mm

Material type: Foam S, Height 5 mm

Sealing material: EPDM

Material hardness [Shore A]: 15 Shore A

Add. function: Adhesive tape on one side