

## Flat suction cup (round)

SHFN 70 NK-45 G1/4-AG MOS

Part no.:10.01.01.11691

<https://www.schmalz.com/10.01.01.11691>

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



Size: 70

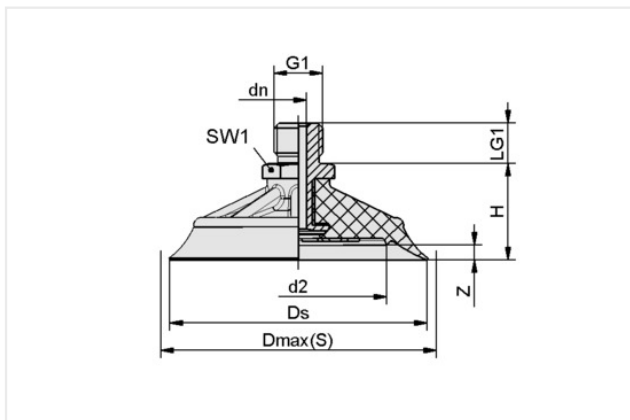
Suction cup material: Natural Rubber NK

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 <sup>3</sup> |
| Curve radius (min) (convex) | 95 mm                 |

### Contact Schmalz

Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 89624031  
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|                        |         |
|------------------------|---------|
| Hose diameter (rec.) d | 6 mm    |
| 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

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