

## Suction plate (round)

SHF 125 NK-45 G1/4-IG

Part no.: 10.01.01.11788

<https://www.schmalz.com/10.01.01.11788>

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



Size: 125

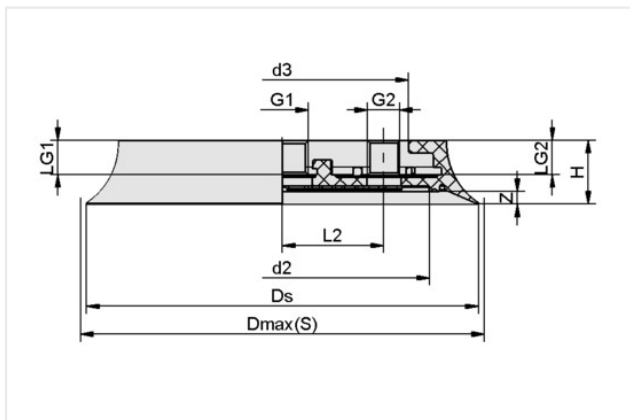
Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A

Connection: G1/4-IG

Height H: 26 mm

### Design Data



| Attribute  | Value    |
|------------|----------|
| d2         | 85 mm    |
| d3         | 70 mm    |
| Dmax(S)    | 133 mm   |
| Ds         | 125 mm   |
| G1         | G1/4"-F  |
| G2         | G1/4"-F  |
| H          | 26 mm    |
| L2         | 26.50 mm |
| LG1        | 14 mm    |
| LG2        | 12.80 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)    | 625 N                 |
| Suction force d2            | 290 N                 |
| Volume                      | 69.90 cm <sup>3</sup> |
| Curve radius (min) (convex) | 305 mm                |
| Hose diameter (rec.) d      | 9 mm                  |

### Contact Schmalz

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|                             |                   |
|-----------------------------|-------------------|
| Size                        | 125               |
| Suction cup material        | Natural Rubber NK |
| Material hardness [Shore A] | 45 Shore A        |
| Weight                      | 307 g             |
| Number of folds             | 0                 |
| Product family              | SHF               |

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



#### TV G1/4-AG 13

Part no.:10.05.10.00061

Thread G1: G1/4"-M

Thread G2: G1/8"-F

Spring stroke Z: 13 mm



#### SIEB 19.5x1 MS 100

Part no.:10.07.01.00215

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### PC 125

Part no...:10.01.01.13086

Size: 125

## Spare parts



### DR-SHF 125 NK-45

Part no...:10.01.01.11783

Size: 125

Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A



### DR-SHF 125 NK-45

Part no...:10.01.01.11783

Size: 125

Suction cup material: Natural Rubber NK

Material hardness [Shore A]: 45 Shore A

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