

Suction plate (round)

SHF 125 NK-45 G1/4-IG

Part no.: 10.01.01.11788

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

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Wood > Suction Plates SHF > SHF 125 NK-45 G1/4-IG

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



Size: 125

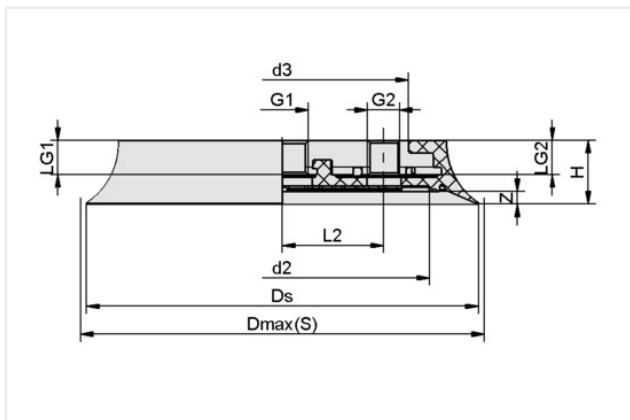
Suction cup material: Natural Rubber NK

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 ³
Curve radius (min) (convex)	305 mm
Hose diameter (rec.) d	9 mm

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at

Suction plate (round)

SHF 125 NK-45 G1/4-IG

Part no.:10.01.01.11788

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

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

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at

Suction plate (round)

SHF 125 NK-45 G1/4-IG

Part no...:10.01.01.11788

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



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

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at