

Flat suction cup (round)

PFYN 6 HT1-60 M5-IG

Part no.: 10.01.01.11145

<https://www.schmalz.com/10.01.01.11145>



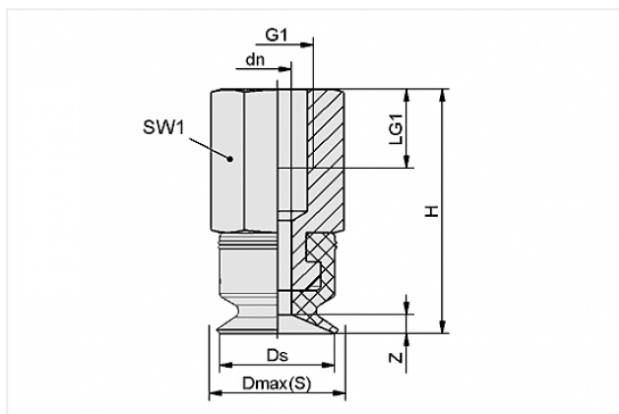
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Flat suction cup (round) for smooth or slightly rough surfaces



Size: 6
Suction cup material:
High temp material HT1
Material hardness: 60 °Sh
Material property: imprint-free
Nipple material: Aluminium
Vacuum connection: M5-F

Design Data



Attribute	Value
dn	2 mm
Dmax(S)	6.5 mm
Ds	6 mm
G1	M5-F
H	16.5 mm
LG1	5.5 mm
SW1	8 mm
Z	1 mm

Technical Data

Contact to Schmalz

Schmalz (Shanghai) Co. Ltd. | 1 Chun Quan Lu, Pudong Xinqu, Shanghai Shi, China | +86 21 5109 9933 | schmalz@schmalz.net.cn

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Attribute	Value
Suction force	1.2 N
Volume	0.008 cm ³
Curve radius (min) (convex)	7.5 mm
Internal hose diameter (recom.)	2 mm
Size	6
Nipple	N 004
Suction cup material	High temp material HT1
Material hardness	60 °Sh
Weight	1.4 g
Number of folds	0

Note:

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
- Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare Parts



SA-NIP N004 M5-IG DN200

Part no. 10.01.01.03518

Suction cup connection nipple

Nipple: N 004

Thread G1: M5-F

Overall length: 14 mm

Fitting length: 10 mm

Nominal size: 2.00 mm

Material: Aluminium

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**PFG 6 HT1-60 N004**

Part no. 10.01.01.11159

Flat suction cup (round) for smooth or slightly rough surfaces

Size: 6

Suction cup material:

High temp material HT1

Material hardness: 60 °Sh

Material property: imprint-free