

# Flat suction pad (round) sensitive SGN 6.3 SI-55 M5-AG

Part no.: 10.01.01.10036

<https://www.schmalz.com/10.01.01.10036>



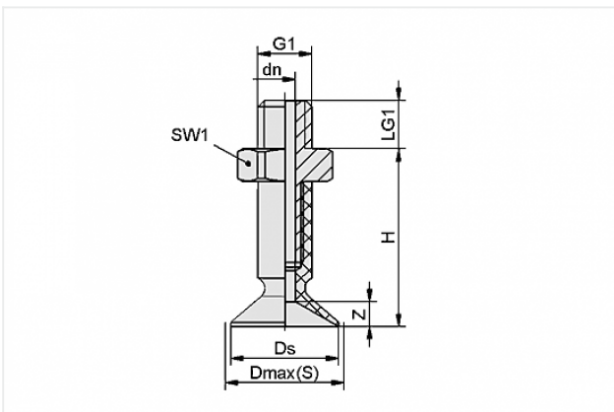
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## Flat suction cup (round), handling sensitive workpieces with uneven surfaces



Size: 6.3  
Suction cup material: Silicone SI  
Material hardness: 55 °Sh  
Material characteristics:  
FDA-compatible  
Nipple material: Aluminium  
Vacuum connection: M5-M

### Design Data



Attribute	Value
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dn	1 mm
Dmax(S)	7 mm
Ds	6.3 mm
G1	M5-M
H	15 mm
LG1	4.5 mm
SW1	8 mm
Z	1.5 mm

### Technical Data

#### Contact to Schmalz

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Attribute	Value
Suction force	1.5 N
Volume	0.047 cm <sup>3</sup>
Curve radius (min) (convex)	7.5 mm
Internal hose diameter (recom.)	2 mm
Size	6.3
Suction cup material	Silicone SI
Material hardness	55 °Sh
Weight	0.8 g

#### 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 N024 M5-AG DN100

Part no. 10.01.01.00317

Suction cup connection nipple

Nipple: N 024

Thread G1: M5-M

Overall length: 15 mm

Fitting length: 3 mm

Nominal size: 1.00 mm

Material: Aluminium

**SG 6.3 SI-55 N024**

Part no. 10.01.01.00600

Flat suction cup (round)

Size: 6.3

Suction cup material: Silicone SI

Material hardness: 55 °Sh

Material characteristics:

FDA-compatible