

Flat suction cup (round) sensitive

SGN 8 SI-55 M5-AG

Part no.:10.01.01.00745

<https://www.schmalz.com/10.01.01.00745>

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



Size: 8

Suction cup material: Silicone SI

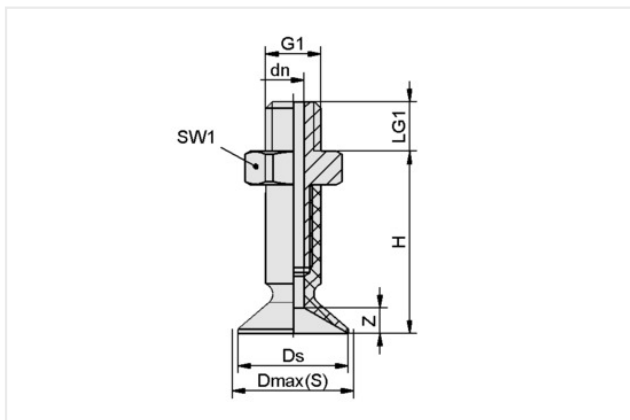
Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Connection: M5-AG

Material characteristics: FDA-compatible

Design Data



Attribute	Value
Dmax(S)	9 mm
dn	1 mm
Ds	8 mm
G1	M5-M
H	11.50 mm
LG1	4.50 mm
SW1	8 mm
Z (Stroke)	1.70 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Technical Data

Attribute	Value
Number of folds	0
Size	8
Suction cup material	Silicone SI
Suction force (-600mbar)	2.30 N
Material hardness [Shore A]	55 Shore A

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
Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Contact Schmalz

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Spare parts



SA-NIP N040 M5-AG DN100

Part no.:10.01.01.00714

Thread G1: M5-M

Fitting length: 3 mm

Material: Aluminum



SG 8 SI-55 N040

Part no.:10.01.01.00744

Size: 8

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Height H: 8.5 mm

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