Bellows suction cups (round)

FSG 12 HT1-60 M5-AG

Part no..:10.01.06.01255

https://www.schmalz.com/10.01.06.01255

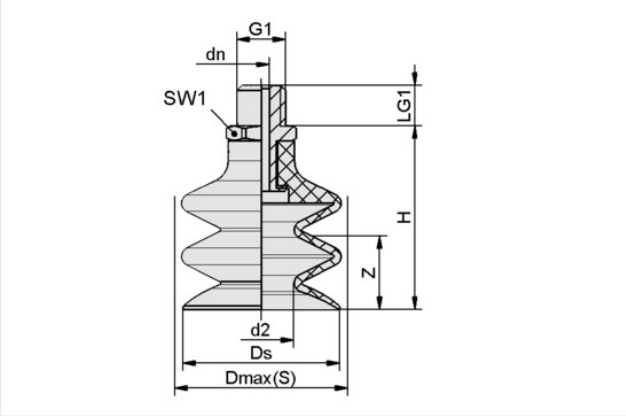
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Bellows suction cup (round) for very uneven workpieces



- Size: 12
- Suction cup material: High temperature material HT1
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Aluminum
- Connection: M5-M
- Number of folds: 2.5
- Vacuum connection: M5-M

Design Data



Attribute	Value
d2	5 mm
dn	2.50 mm
Dmax(S)	13 mm
Ds	12 mm
G1	M5-M
H	26 mm
LG1	5 mm
SW1	7 mm
Z (Stroke)	7 mm

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

Technical Data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Size	12
Number of folds	2.50
Connection	M5-AG
Curve radius (min) (convex)	12.50 mm
Volume	0.75 cm³

Contact Schmalz
Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 8026 2403
schmalz@schmalz.co.kr

Bellows suction cups (round)

FSG 12 HT1-60 M5-AG

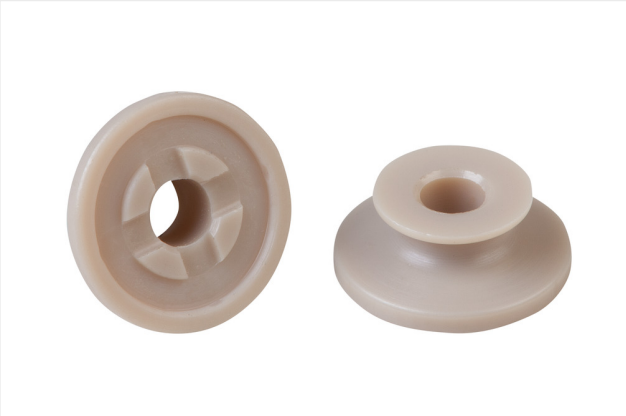
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Suction force (-600mbar)	1.18 N
Pull-off force	3.50 N
Hose diameter (rec.) d	2 mm
Weight	2.20 g
Product family	FSG

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



SPI 14 PEEK

Part no..:10.01.06.03282

Size: 14
Material: Polyetheretherketon

Spare parts



SA-NIP N016 M5-AG DN250

Part no..:10.01.06.00123

Nipple family: N 016
Thread G1: M5-M
Length L1: 16 mm
Fitting length: 5 mm
Nominal diameter dn: 2.5 mm
Material: Aluminum

Bellows suction cups (round)

FSG 12 HT1-60 M5-AG

Part no..:10.01.06.01255

https://www.schmalz.com/10.01.06.01255



FG 12 HT1-60 N016

Part no..:10.01.06.01252

Size: 12
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A
Number of folds: 2.5

Contact Schmalz

Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 8776 2431

schmalz@schmalz.co.kr