

Bell suction cup (round)

FSG 12 HT1-60 G1/8-IG

Part no.:10.01.06.01244

<https://www.schmalz.com/10.01.06.01244>



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Suction Cups FSG (2.5 Folds) > FSG 12 HT1-60 G1/8-IG

Bellows suction cup (round) for very uneven workpieces



Size: 12

Suction cup material:

High temp material HT1

Material hardness: 60 °Sh

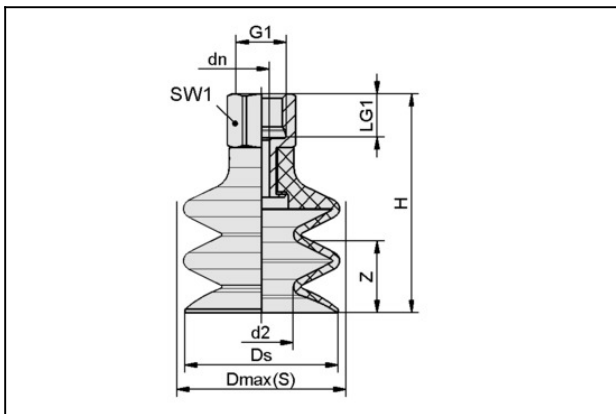
Material property: imprint-free

Nipple material: Aluminium

Vacuum connection: G1/8"-F

Number of folds: 2.5

Design Data



Attribute	Value
d2	5 mm
dn	3.5 mm
Dmax(S)	13 mm
Ds	12 mm
G1	G1/8"-IG
H	33 mm
LG1	8.5 mm
SW1	14 mm
Z (Stroke)	7 mm

Technical Data

[Contact to Schmalz](#)

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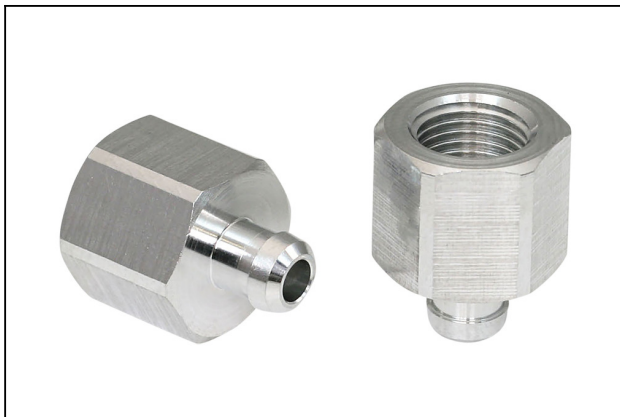
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Attribute	Value
Suction cup material	High temp material HT1
Material hardness [Shore A]	60 Shore A
Size	12
Number of folds	2.5
Connection	G1/8-IG
Curve radius (min) (convex)	12.5 mm
Volume	0.747 cm ³
Suction force (-600mbar)	1.18 N
Pull-off force	3.5 N
Hose diameter (empf.) d	4 mm
Weight	5.3 g
Product family	FSG

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 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

Spare Parts



SA-NIP N016 G1/8-IG DN350

Part no.10.01.06.05731

Suction cup connection nipple

Nipple: N 016

Thread G1: G1/8"-F

Overall length: 18.5 mm

Fitting length: 12 mm

Nominal size: 3,50 mm

Material: Aluminium

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FG 12 HT1-60 N016

Part no.10.01.06.01252

Bellows suction cup (round) for very uneven workpieces

Size: 12

Suction cup material:

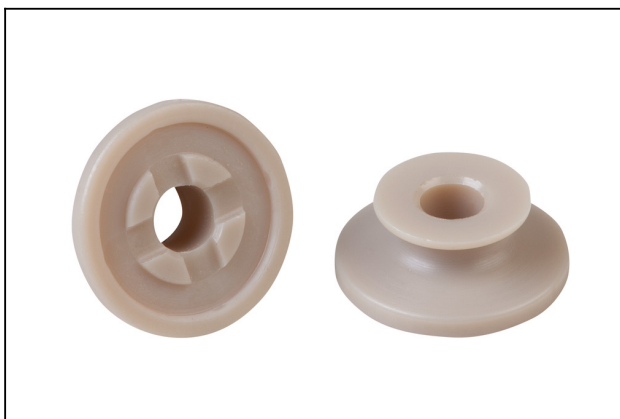
High temp material HT1

Material hardness: 60 °Sh

Number of folds: 2.5

Material property: imprint-free

Accessories



SPI 14 PEEK

Part no.10.01.06.03282

Suction cup insert for handling of sensitive workpieces without leaving marks

Size: 14

Material: Polyetheretherketon