

Bell suction cup (round)

FSGA 14 NBR-55 G1/8-AG

Part no.:10.01.06.00381

<https://www.schmalz.com/10.01.06.00381>



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Suction Cups FSGA (1.5 Folds) > FSGA 14 NBR-55 G1/8-AG

Bellows suction cup (round) with optimal adaptation to uneven surfaces



Size: 14

Number of folds: 1.5

Suction cup material:

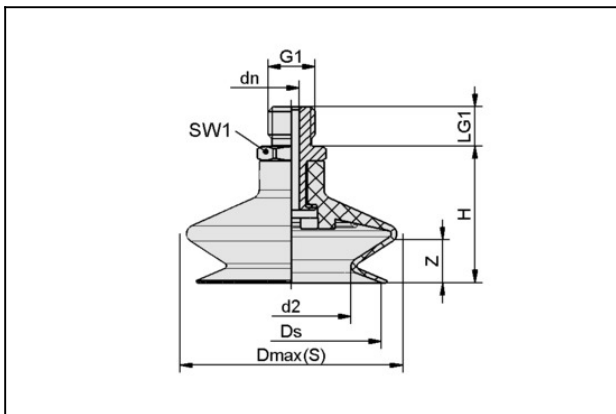
Nitrile rubber NBR

Material hardness: 55 °Sh

Nipple material: Aluminium

Vacuum connection: G1/8"-M

Design Data



Attribute	Value
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d2	5 mm
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Dmax(S)	14.5 mm
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dn	3.5 mm
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Ds	12.5 mm
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G1	G1/8"-AG
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H	21.5 mm
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LG1	7.5 mm
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SW1	14 mm
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Z (Stroke)	5 mm
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Technical Data

[Contact to Schmalz](#)

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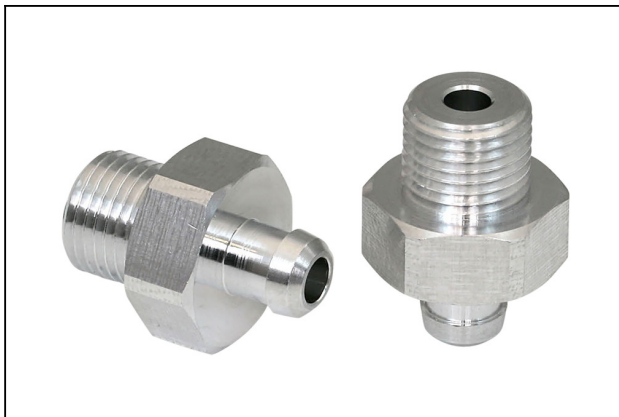
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Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Size	14
Number of folds	1.5
Connection	G1/8-AG
Curve radius (min) (convex)	15 mm
Volume	0.42 cm ³
Suction force (-600mbar)	1.2 N
Pull-off force	5 N
Hose diameter (empf.) d	4 mm
Weight	4.8 g
Product family	FSGA

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-AG DN350

Part no.10.01.06.05735

Suction cup connection nipple

Nipple: N 016

Thread G1: G1/8"-M

Overall length: 20 mm

Fitting length: 6 mm

Nominal size: 3,50 mm

Material: Aluminium

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FGA 14 NBR-55 N016

Part no.10.01.06.00370

Bellows suction cup (round) with optimal adaptation to uneven surfaces

Size: 14

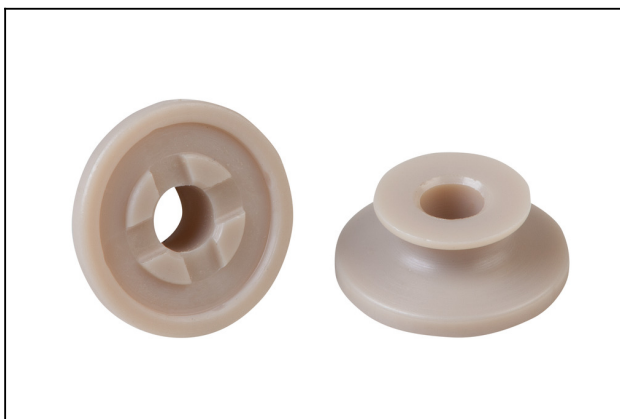
Suction cup material:

Nitrile rubber NBR

Material hardness: 55 °Sh

Number of folds: 1.5

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