Bell suction cup (round)

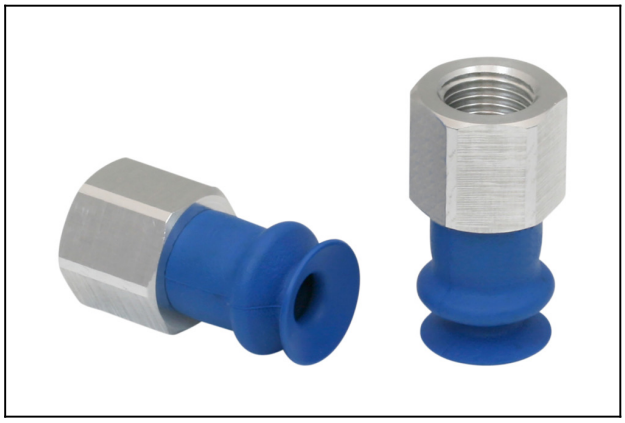
FSGA 14 HT1-60 G1/8-IG

Part no.:10.01.06.00948

https://www.schmalz.com/10.01.06.00948

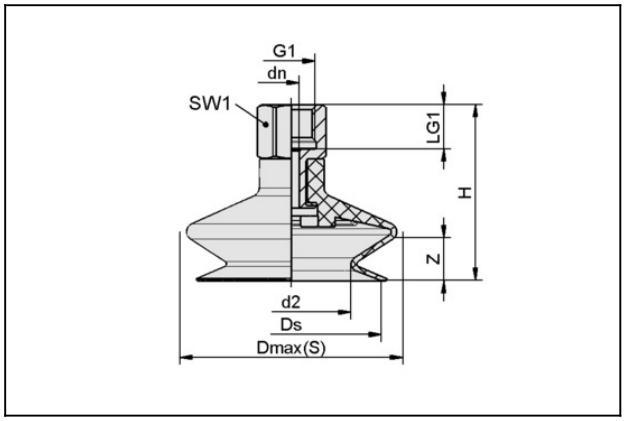
Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGA (1.5 Folds) > FSGA 14 HT1-60 G1/8-IG

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



Size: 14
Number of folds: 1.5
Suction cup material:
High temp material HT1
Material hardness: 60 °Sh
Material property: imprint-free
Nipple material: Aluminium
Vacuum connection: G1/8"-F

Design Data



Attribute	Value
d2	5 mm
Dmax(S)	14.5 mm
dn	3.5 mm
Ds	12.5 mm
G1	G1/8"-IG
H	27.5 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	5 mm

Technical Data

Bell suction cup (round)

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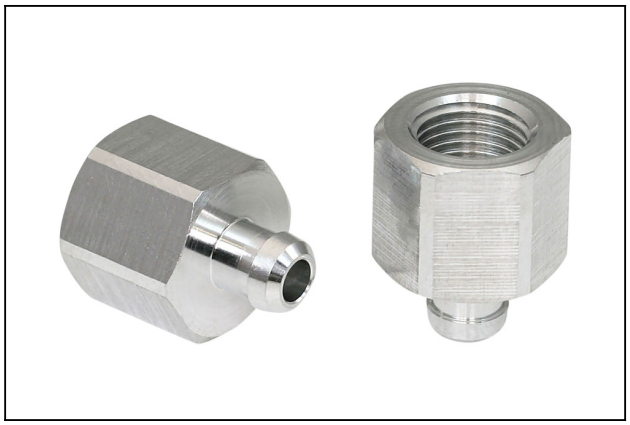
Attribute	Value
Suction cup material	High temp material HT1
Material hardness [Shore A]	60 Shore A
Size	14
Number of folds	1.5
Connection	G1/8-IG
Curve radius (min) (convex)	15 mm
Volume	0.42 cm^3
Suction force (-600mbar)	1.2 N
Pull-off force	5 N
Hose diameter (empf.) d	4 mm
Weight	5.2 g
Product family	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-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

Bell suction cup (round)

FSGA 14 HT1-60 G1/8-IG

Part no.:10.01.06.00948

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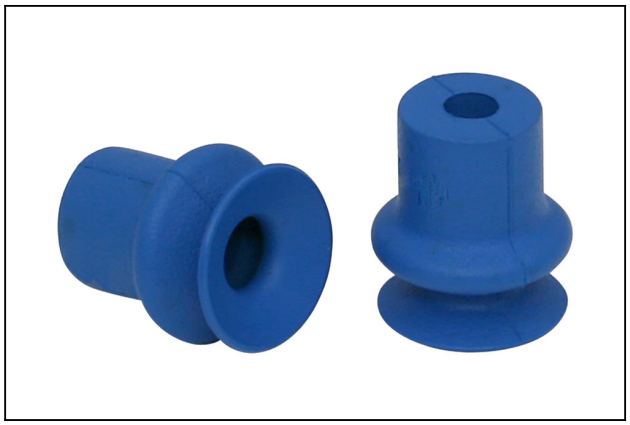


FGA 14 HT1-60 N016

Part no.10.01.06.00868

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

Size: 14

Suction cup material:

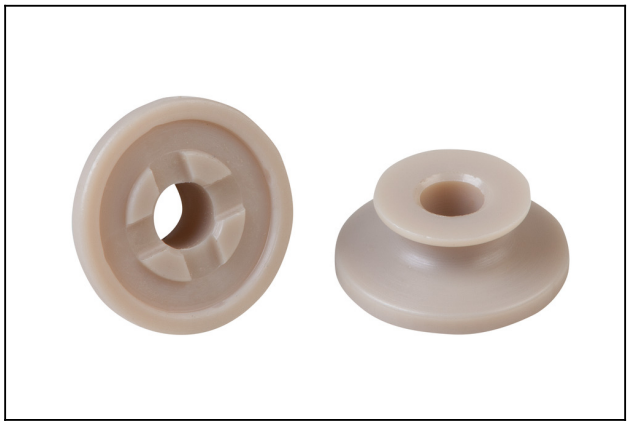
High temp material HT1

Material hardness: 60 °Sh

Number of folds: 1.5

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