

Bell suction cup (round)

FSG 62 HT1-60 G1/4-IG

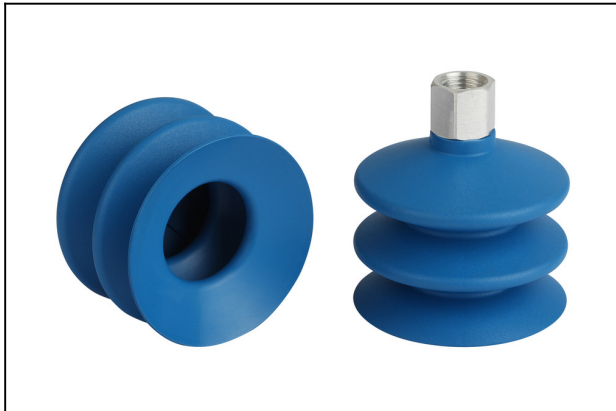
Part no.:10.01.06.02481

<https://www.schmalz.com/10.01.06.02481>



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Bellows suction cup (round) for very uneven workpieces



Size: 62

Suction cup material:

High temp material HT1

Material hardness: 60 °Sh

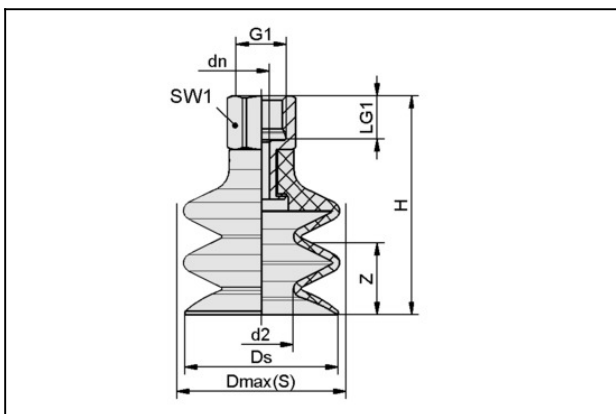
Material property: imprint-free

Nipple material: Aluminium

Vacuum connection: G1/4"-F

Number of folds: 2.5

Design Data



Attribute

Value

d2 29.5 mm

dn 4.4 mm

Dmax(S) 65 mm

Ds 62.2 mm

G1 G1/4"-IG

H 70 mm

LG1 12 mm

SW1 17 mm

Z (Stroke) 29 mm

Technical Data

[Contact to Schmalz](#)

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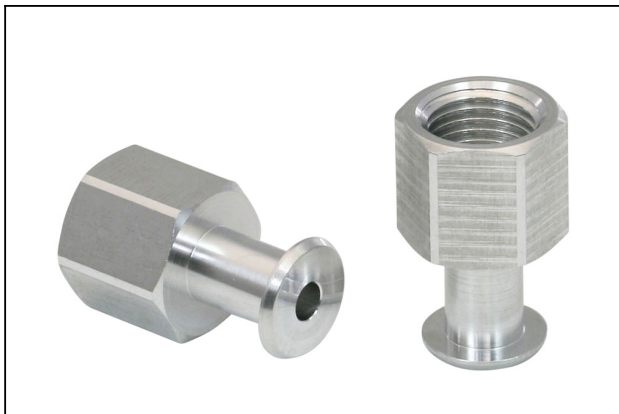
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Attribute	Value
Suction cup material	High temp material HT1
Material hardness [Shore A]	60 Shore A
Size	62
Number of folds	2.5
Connection	G1/4-IG
Curve radius (min) (convex)	75 mm
Volume	72.5 cm ³
Suction force (-600mbar)	41.01 N
Pull-off force	137 N
Hose diameter (empf.) d	6 mm
Weight	59 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 N018 G1/4-IG DN440

Part no.10.01.06.01066

Suction cup connection nipple

Nipple: N 018

Thread G1: G1/4"-F

Overall length: 28.8 mm

Fitting length: 15 mm

Nominal size: 4,40 mm

Material: Aluminium

Spanner size SW2: 5 mm

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FG 62 HT1-60 N018

Part no.10.01.06.02475

Bellows suction cup (round) for very uneven workpieces

Size: 62

Suction cup material:

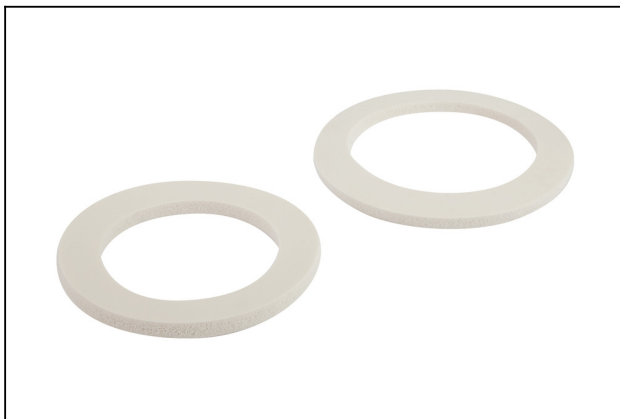
High temp material HT1

Material hardness: 60 °Sh

Number of folds: 2.5

Material property: imprint-free

Accessories



DR 62/42x5 MOS SI-15

Part no.10.01.06.02617

Gasket made from special foam for optimal sealing of structured surfaces

External diameter D: 62 mm

Internal diameter d: 42 mm

Height H: 5 mm

Material-Type: Foam rubber

Sealing material: Silicone SI

Material hardness: 15 °Sh



SU 70

Part no.10.01.01.12838

Cover for suction cup

Size: 70

Clamping range: 65.0 ... 80.0 mm

Temperature resistance: 80 °C