

Bellows suction cups (round)

FSG 14 HT1-60 G1/8-IG

Part no.:10.01.06.00982

<https://www.schmalz.com/10.01.06.00982>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSG (2.5 Folds) > FSG 14 HT1-60 G1/8-IG

Bellows suction cup (round) for very uneven workpieces



Size: 14

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

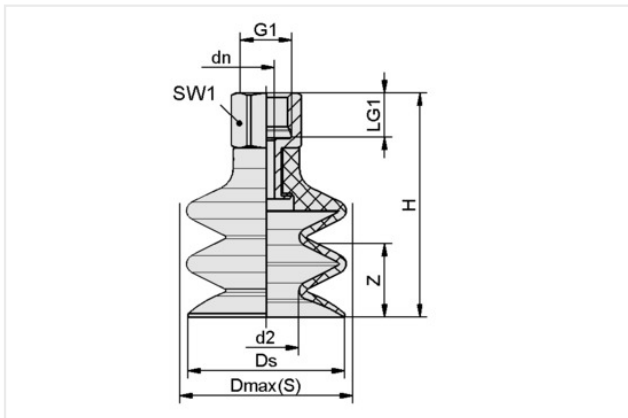
Nipple material: Aluminum

Connection: G1/8"-F

Number of folds: 2.5

Vacuum connection: G1/8"-F

Design Data



Attribute	Value
d2	5.40 mm
dn	3.50 mm
Dmax(S)	15.50 mm
Ds	14.50 mm
G1	G1/8"-F
H	34.80 mm
LG1	8.50 mm
SW1	14 mm
Z (Stroke)	9 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	14
Number of folds	2.50
Connection	G1/8-IG
Curve radius (min) (convex)	15 mm
Volume	0.80 cm ³

Contact Schmalz

Schmalz Vakum San. ve Tic. Ltd. Sti. | Aydinli Mah. Patlayici Maddeler Yolu, Dumankaya Botanik A-89, 34953 Tuzla, Istanbul, Turkey | +90 216 340 0123 | schmalz@schmalz.com.tr

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Suction force (-600mbar)	1.37 N
Pull-off force	5.70 N
Hose diameter (rec.) d	4 mm
Weight	5.70 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 G1/8-IG DN350

Part no...:10.01.06.05731

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

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FG 14 HT1-60 N016

Part no...:10.01.06.00880

Size: 14

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Number of folds: 2.5

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Schmalz Vakum San. ve Tic. Ltd. Sti. | Aydinli Mah. Patlayici Maddeler Yolu, Dumankaya Botanik A-89, 34953 Tuzla, Istanbul, Turkey | +90 216 310 0123 | schmalz@schmalz.com.tr