Bellows suction cups (round)

FSG 18 HT1-60 G1/8-AG

Part no..:10.01.06.00968

https://www.schmalz.com/10.01.06.00968

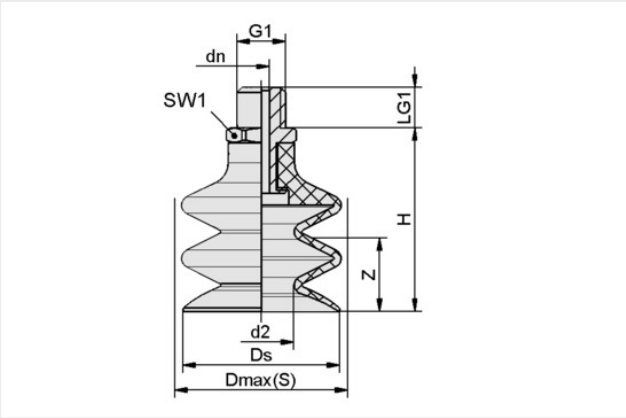
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Bellows suction cup (round) for very uneven workpieces



- Size: 18
- Suction cup material: High temperature material HT1
- Material hardness [Shore A]: 60 Shore A
- Nipple material: Aluminum
- Connection: G1/8"-M
- Number of folds: 2.5
- Vacuum connection: G1/8"-M

Design Data



Attribute	Value
d2	8 mm
dn	3.50 mm
Dmax(S)	19 mm
Ds	17.20 mm
G1	G1/8"-M
H	28.60 mm
LG1	7.50 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	18
Number of folds	2.50
Connection	G1/8-AG
Curve radius (min) (convex)	20 mm
Volume	1.35 cm³

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Suction force (-600mbar)	3.02 N
Pull-off force	8.50 N
Hose diameter (rec.) d	4 mm
Weight	6 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 17 PEEK

Part no..:10.01.06.03283

Size: 17
Material: Polyetheretherketon

Spare parts



SA-NIP N016 G1/8-AG DN350

Part no..:10.01.06.05735

Nipple family: N 016
Thread G1: G1/8"-M
Length L1: 20 mm
Fitting length: 6 mm
Nominal diameter dn: 3.5 mm
Material: Aluminum

Bellows suction cups (round)

FSG 18 HT1-60 G1/8-AG

Part no..:10.01.06.00968

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FG 18 HT1-60 N016

Part no..:10.01.06.00881

Size: 18
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A
Number of folds: 2.5