Bellows suction cups (round)

FSG 20 HT1-60 G1/8-IG

Part no..:10.01.06.01245

https://www.schmalz.ru/10.01.06.01245

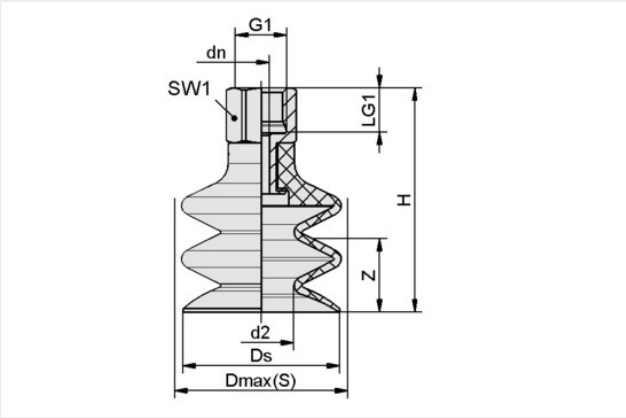
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Bellows suction cup (round) for very uneven workpieces



- Size: 20
- 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	10.50 mm
dn	3.50 mm
Dmax(S)	21 mm
Ds	20 mm
G1	G1/8"-F
H	34.10 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	20
Number of folds	2.50
Connection	G1/8-IG
Curve radius (min) (convex)	30 mm
Volume	2.30 cm^3

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Suction force (-600mbar)	5.20 N
Pull-off force	12.10 N
Hose diameter (rec.) d	4 mm
Weight	6.40 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

FD 16 120

Part no..:10.01.06.02565

External diameter D: 16 mm
Filter pore size: 120 µm
Construction use: Bellows suction cup
Size: FG20/FGA20



SPI 21 PEEK

Part no..:10.01.06.03285

Size: 21
Material: Polyetheretherketon

Spare parts

Bellows suction cups (round)

FSG 20 HT1-60 G1/8-IG

Part no..:10.01.06.01245

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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



FG 20 HT1-60 N016

Part no..:10.01.06.01253

Size: 20
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A
Number of folds: 2.5

Contact Schmalz

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