

Bellows suction cups (round)

FSG 5 HT1-60 M5-IG

Part no.: 10.01.06.01242

<https://www.schmalz.co.jp/10.01.06.01242>

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Bellows suction cup (round) for very uneven workpieces



Size: 5

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

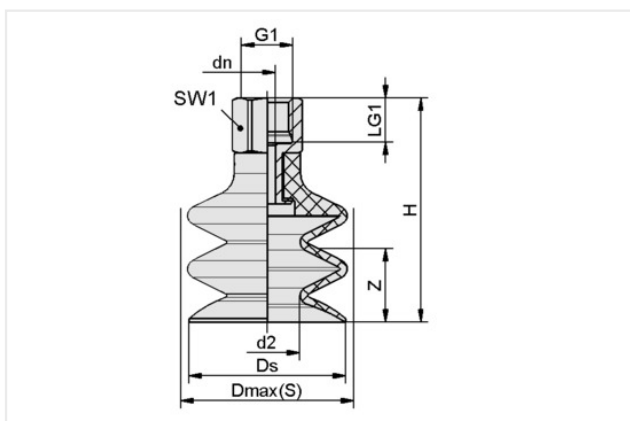
Nipple material: Aluminum

Connection: M5-F

Number of folds: 2.5

Vacuum connection: M5-F

Design Data



Attribute	Value
d2	2.60 mm
dn	2 mm
Dmax (S)	7 mm
Ds	5 mm
G1	M5-F
H	24 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	2 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	5
Number of folds	2.50
Connection	M5-IG
Curve radius (min) (convex)	7.50 mm
Volume	0.03 cm ³

Contact Schmalz

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Suction force (-600mbar)	0.32 N
Pull-off force	0.80 N
Hose diameter (rec.) d	2 mm
Weight	1.70 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 6 PEEK

Part no.: 10.01.06.03279

Size: 6

Material: Polyetheretherketon

Spare parts



SA-NIP N017 M5-IG DN200

Part no.: 10.01.06.00313

Thread G1: M5-F

Fitting length: 10 mm

Material: Aluminum

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FG 5 HT1-60 N017

Part no.: 10.01.06.01250

Size: 5

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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