

## Bellows suction cups (round)

FSG 14 HT1-60 M5-AG

Part no...:10.01.06.00967

<https://www.schmalz.com/10.01.06.00967>

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 M5-AG

### Bellows suction cup (round) for very uneven workpieces



Size: 14

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

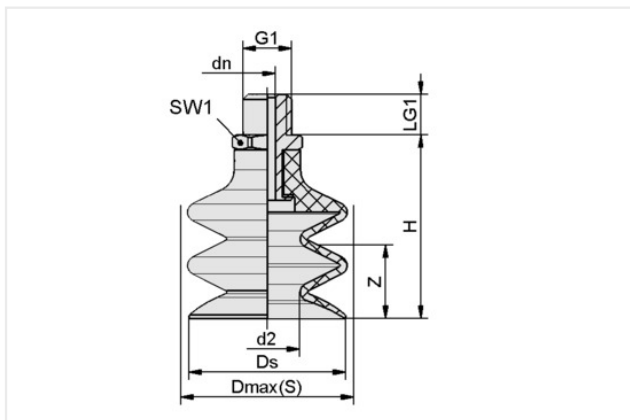
Nipple material: Aluminum

Connection: M5-M

Number of folds: 2.5

Vacuum connection: M5-M

### Design Data



Attribute	Value
d2	5.40 mm
dn	2.50 mm
Dmax(S)	15.50 mm
Ds	14.50 mm
G1	M5-M
H	27.80 mm
LG1	5 mm
SW1	7 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	M5-AG
Curve radius (min) (convex)	15 mm
Volume	0.80 cm <sup>3</sup>

### Contact Schmalz

Schmalz Vacuum Technology Ltd. | 14-2900 Argentia Rd, L5N 7X9 Mississauga, ON, Canada | +1 905 569 9520 | [schmalz@schmalz.ca](mailto:schmalz@schmalz.ca)

## Bellows suction cups (round)

FSG 14 HT1-60 M5-AG

Part no.:10.01.06.00967

<https://www.schmalz.com/10.01.06.00967>

Suction force (-600mbar)	1.37 N
Pull-off force	5.70 N
Hose diameter (rec.) d	2 mm
Weight	2.60 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 M5-AG DN250

Part no.:10.01.06.00123

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2.5 mm

Material: Aluminum

### Contact Schmalz

Schmalz Vacuum Technology Ltd. | 14-2900 Argentia Rd, L5N 7X9 Mississauga, ON, Canada | +1 905 569 9520 | [schmalz@schmalz.ca](mailto:schmalz@schmalz.ca)

## Bellows suction cups (round)

FSG 14 HT1-60 M5-AG

Part no...:10.01.06.00967

<https://www.schmalz.com/10.01.06.00967>



### 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