

## Bell suction cup (round)

### FSG 5 HT1-60 M5-AG

Part no.:10.01.06.01235

<https://www.schmalz.com/10.01.06.01235>



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Suction Cups FSG (2.5 Folds) > FSG 5 HT1-60 M5-AG

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



Size: 5

Suction cup material:

High temp material HT1

Material hardness: 60 °Sh

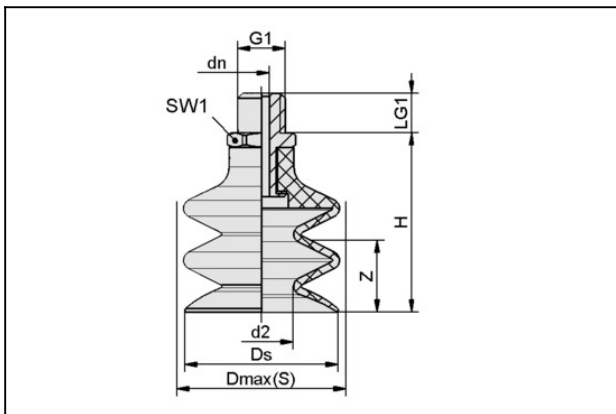
Material property: imprint-free

Nipple material: Aluminium

Vacuum connection: M5-M

Number of folds: 2.5

## Design Data



### Attribute

### Value

d2 2.6 mm

dn 2 mm

Dmax(S) 7 mm

Ds 5 mm

G1 M5-AG

H 19 mm

LG1 5 mm

SW1 8 mm

Z (Stroke) 2 mm

## Technical Data

[Contact to Schmalz](#)

Schmalz Sp.z.o.o. | Kobaltowa 4, 62-002 Złotniki, Polen | +48 22 460 49 70 | [schmalz@schmalz.pl](mailto:schmalz@schmalz.pl)

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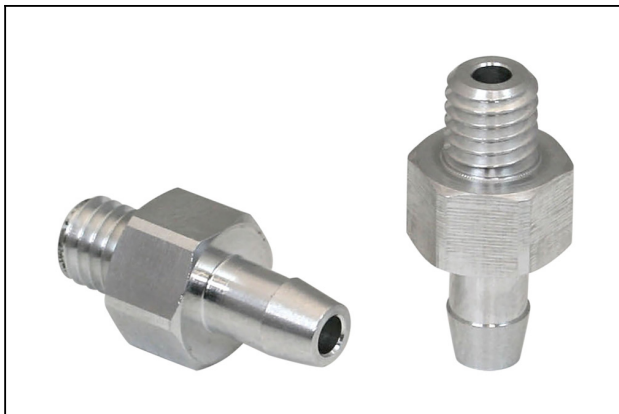
<https://www.schmalz.com/10.01.06.01235>



| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | High temp material HT1 |
| Material hardness [Shore A] | 60 Shore A             |
| Size                        | 5                      |
| Number of folds             | 2.5                    |
| Connection                  | M5-AG                  |
| Curve radius (min) (convex) | 7.5 mm                 |
| Volume                      | 0.033 cm <sup>3</sup>  |
| Suction force (-600mbar)    | 0.32 N                 |
| Pull-off force              | 0.8 N                  |
| Hose diameter (empf.) d     | 2 mm                   |
| Weight                      | 1.5 g                  |
| Product family              | FSG                    |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry 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

## Spare Parts



### SA-NIP N017 M5-AG DN200

Part no.10.01.06.00314

Suction cup connection nipple

Nipple: N 017

Thread G1: M5-M

Overall length: 17 mm

Fitting length: 5 mm

Nominal size: 2.00 mm

Material: Aluminium

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### FG 5 HT1-60 N017

Part no.10.01.06.01250

Bellows suction cup (round) for very uneven workpieces

Size: 5

Suction cup material:

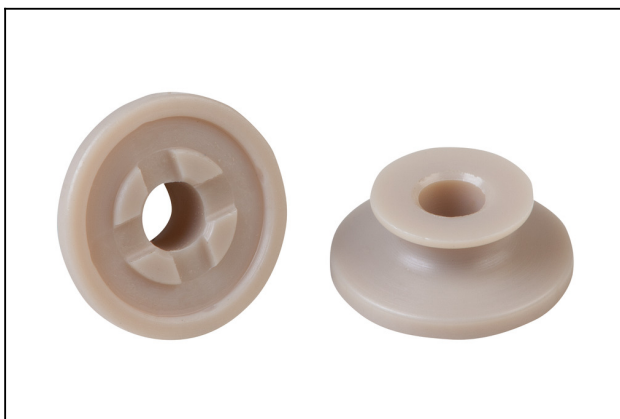
High temp material HT1

Material hardness: 60 °Sh

Number of folds: 2.5

Material property: imprint-free

## Accessories



### SPI 6 PEEK

Part no.10.01.06.03279

Suction cup insert for handling of sensitive workpieces without leaving marks

Size: 6

Material: Polyetheretherketon