

# Bellows suction cup (round)

<https://www.schmalz.com/10.01.06.00978>



## FSG 9 HT1-60 G1/8-IG

Part no.: 10.01.06.00978

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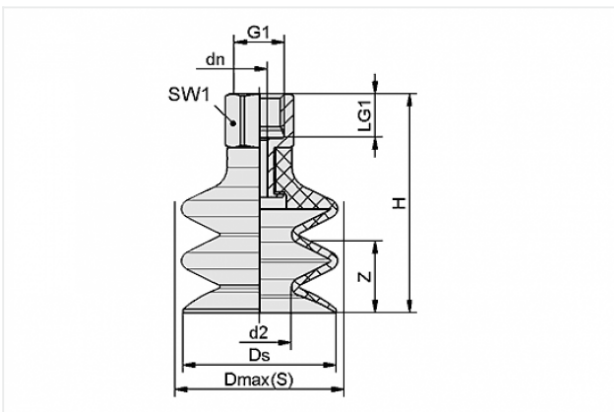
Suction Cups FSG (2.5 Folds) > FSG 9 HT1-60 G1/8-IG

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



Size: 9  
Suction cup material:  
High temp material HT1  
Material hardness: 60 °Sh  
Material property: imprint-free  
Nipple material: Aluminium  
Vacuum connection: G1/8-F  
Number of folds: 2.5

## Design Data



Attribute	Value
d2	4.1 mm
dn	3.5 mm
Dmax(S)	9.5 mm
Ds	9 mm
G1	G1/8"-F
H	27 mm
LG1	8.5 mm
SW1	14 mm
Z	3 mm

## Contact to Schmalz

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## Technical Data

Attribute	Value
Suction force	0.79 N
Pull-off force	2.3 N
Volume	0.15 cm <sup>3</sup>
Curve radius (min) (convex)	10 mm
Internal hose diameter (recom.)	4 mm
Size	9
Number of folds	2.5
Suction cup material	High temp material HT1
Material hardness	60 °Sh
Weight	4.9 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

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## Spare Parts

### Contact to Schmalz



**SA-NIP N016 G1/8-IG DN350**

Part no. 10.01.06.05731

Suction cup connection nipple

Nipple: N 016

Thread G1: G1/8-F

Overall length: 18.5 mm

Fitting length: 12 mm

Nominal size: 3,50 mm

Material: Aluminium



**FG 9 HT1-60 N016**

Part no. 10.01.06.00878

Bellows suction cup (round) for very uneven workpieces

Size: 9

Suction cup material:

High temp material HT1

Material hardness: 60 °Sh

Number of folds: 2.5

Material property: imprint-free

## Accessories



**SPI 9 PEEK**

Part no. 10.01.06.03280

Insert disc for preventing film from being drawn in

Size: 9

Material: Polyetheretherketon

Application: FG9