

# Bellows suction cup (round)

<https://www.schmalz.com/10.01.06.00932>



## FSGA 14 HT1-60 G1/8-AG

Part no.: 10.01.06.00932

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### Bellows suction cup (round) with optimal adaptation to uneven surfaces



Size: 14  
Number of folds: 1.5  
Suction cup material:  
High temp material HT1  
Material hardness: 60 °Sh  
Material property: imprint-free  
Nipple material: Aluminium  
Vacuum connection: G1/8-M

### Design Data



Attribute	Value
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d2	5 mm
Dmax(S)	14.5 mm
dn	3.5 mm
Ds	12.5 mm
G1	G1/8"-M
H	21.5 mm
LG1	7.5 mm
SW1	14 mm
Z	5 mm

### Contact to Schmalz

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## Technical Data

Attribute	Value
Number of folds	1.5
Pull-off force	5 N
Size	14
Weight	4.8 g
Nipple	N 016
Suction cup material	High temp material HT1
Suction force	1.2 N
Internal hose diameter (recom.)	4 mm
Volume	0.42 cm <sup>3</sup>
Material hardness	60 °Sh
Curve radius (min) (convex)	12.5 mm
Product family	FSGA

### 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-AG DN350**

Part no. 10.01.06.05735

Suction cup connection nipple

Nipple: N 016

Thread G1: G1/8-M

Overall length: 20 mm

Fitting length: 6 mm

Nominal size: 3,50 mm

Material: Aluminium



**FGA 14 HT1-60 N016**

Part no. 10.01.06.00868

Bellows suction cup (round) with optimal adaptation to uneven surfaces

Size: 14

Suction cup material:

High temp material HT1

Material hardness: 60 °Sh

Number of folds: 1.5

Material property: imprint-free

## Accessories



**SPI 14 PEEK**

Part no. 10.01.06.03282

Insert disc for preventing film from being drawn in

Size: 14

Material: Polyetheretherketon

Application: FG12/FG14/FGA14