

## Bell suction cup (round)

### FSG 18 HT1-60 G1/8-AG

Part no.:10.01.06.00968

<https://www.schmalz.com/10.01.06.00968>



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Suction Cups FSG (2.5 Folds) > FSG 18 HT1-60 G1/8-AG

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



Size: 18

Suction cup material:

High temp material HT1

Material hardness: 60 °Sh

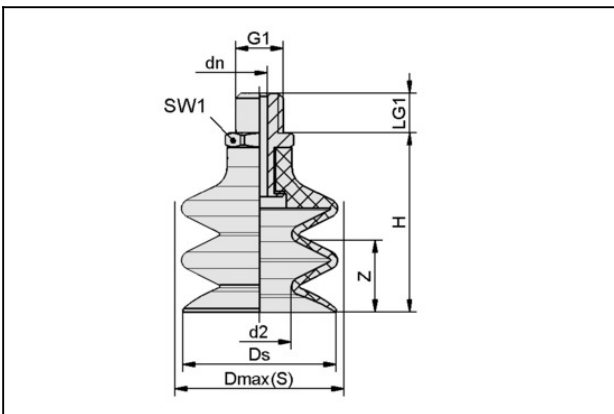
Material property: imprint-free

Nipple material: Aluminium

Vacuum connection: G1/8"-M

Number of folds: 2.5

## Design Data



Attribute	Value
d2	8 mm
dn	3.5 mm
Dmax(S)	19 mm
Ds	17.2 mm
G1	G1/8"-AG
H	28.6 mm
LG1	7.5 mm
SW1	14 mm
Z (Stroke)	9 mm

## Technical Data

[Contact to Schmalz](#)

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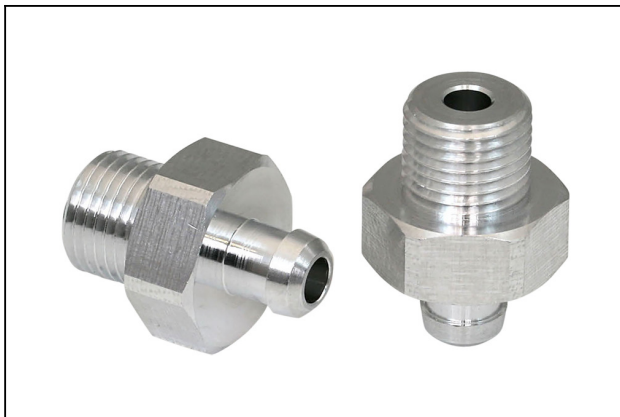


Attribute	Value
Suction cup material	High temp material HT1
Material hardness [Shore A]	60 Shore A
Size	18
Number of folds	2.5
Connection	G1/8-AG
Curve radius (min) (convex)	20 mm
Volume	1.35 cm <sup>3</sup>
Suction force (-600mbar)	3.02 N
Pull-off force	8.5 N
Hose diameter (empf.) d	4 mm
Weight	6 g
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



### 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

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### FG 18 HT1-60 N016

Part no.10.01.06.00881

Bellows suction cup (round) for very uneven workpieces

Size: 18

Suction cup material:

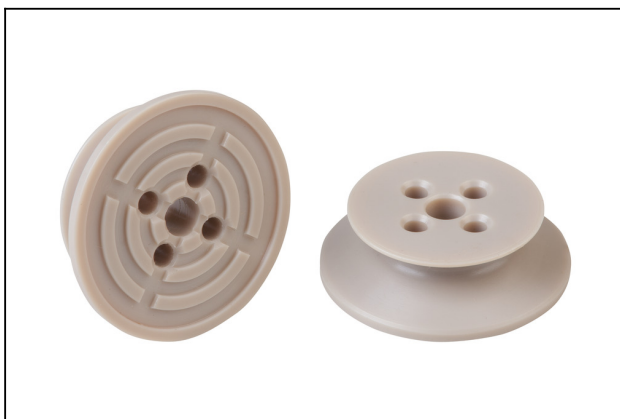
High temp material HT1

Material hardness: 60 °Sh

Number of folds: 2.5

Material property: imprint-free

## Accessories



### SPI 17 PEEK

Part no.10.01.06.03283

Suction cup insert for handling of sensitive workpieces  
without leaving marks

Size: 17

Material: Polyetheretherketon