

# Bellows suction cup (round)

<https://www.schmalz.com/10.01.06.01253>



## FG 20 HT1-60 N016

Part no.: 10.01.06.01253

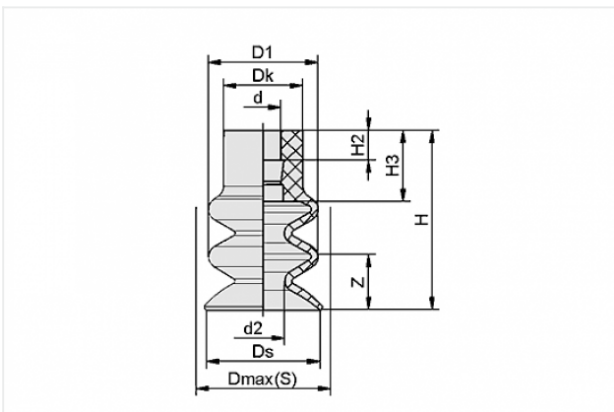
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### Bellows suction cup (round) for very uneven workpieces



Size: 20  
Suction cup material:  
High temp material HT1  
Material hardness: 60 °Sh  
Number of folds: 2.5  
Material property: imprint-free

### Design Data



Attribute	Value
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d	4.5 mm
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d2	10.5 mm
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D1	20 mm
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Dk	10 mm
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Dmax(S)	21 mm
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Ds	20 mm
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H	22.1 mm
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H2	3.8 mm
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H3	6.5 mm
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Z	9 mm
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### Contact to Schmalz

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## Technical Data

Attribute	Value
Suction force	5.2 N
Pull-off force	12.1 N
Volume	2.298 cm <sup>3</sup>
Curve radius (min) (convex)	30 mm
Size	20
Nipple	N 016
Number of folds	2.5
Suction cup material	High temp material HT1
Material hardness	60 °Sh
Weight	2.4 g
Product family	FG

## Accessories



### SA-NIP N016 M5-AG DN250

Part no. 10.01.06.00123

Suction cup connection nipple

Nipple: N 016

Thread G1: M5-M

Overall length: 16 mm

Fitting length: 5 mm

Nominal size: 2,50 mm

Material: Aluminium



**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



**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



**SPI 21 PEEK**

Part no. 10.01.06.03285

Insert disc for preventing film from being drawn in

Size: 21

Material: Polyetheretherketon

Application: FG20/FGA22