

Bell suction cup (round)

FSGA 20 HT1-60 G1/8-AG

Part no.:10.01.06.00936

<https://www.schmalz.com/10.01.06.00936>



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Suction Cups FSGA (1.5 Folds) > FSGA 20 HT1-60 G1/8-AG

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



Size: 20

Number of folds: 1.5

Suction cup material:

High temp material HT1

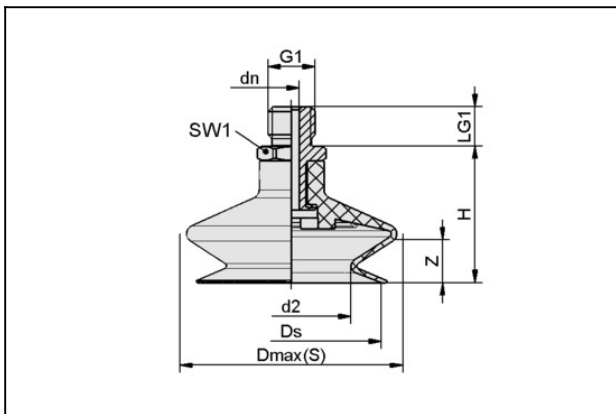
Material hardness: 60 °Sh

Material property: imprint-free

Nipple material: Aluminium

Vacuum connection: G1/8"-M

Design Data



Attribute	Value
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d2	11 mm
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Dmax(S)	21 mm
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dn	3.5 mm
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Ds	18.1 mm
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G1	G1/8"-AG
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H	21.2 mm
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LG1	7.5 mm
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SW1	14 mm
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Z (Stroke)	5 mm
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Technical Data

[Contact to Schmalz](#)

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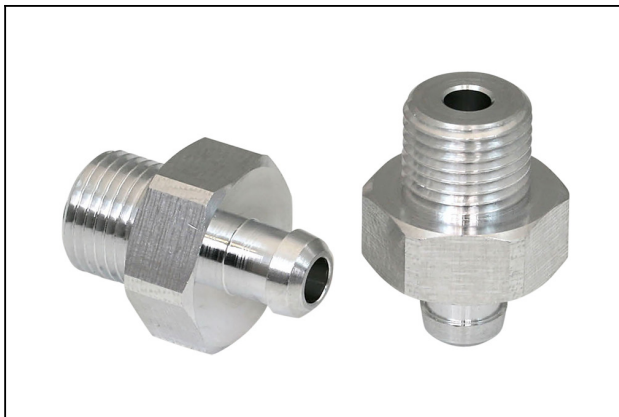
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Attribute	Value
Suction cup material	High temp material HT1
Material hardness [Shore A]	60 Shore A
Size	20
Number of folds	1.5
Connection	G1/8-AG
Curve radius (min) (convex)	20 mm
Volume	1.15 cm ³
Suction force (-600mbar)	4.7 N
Pull-off force	10.7 N
Hose diameter (empf.) d	4 mm
Weight	5.1 g
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

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

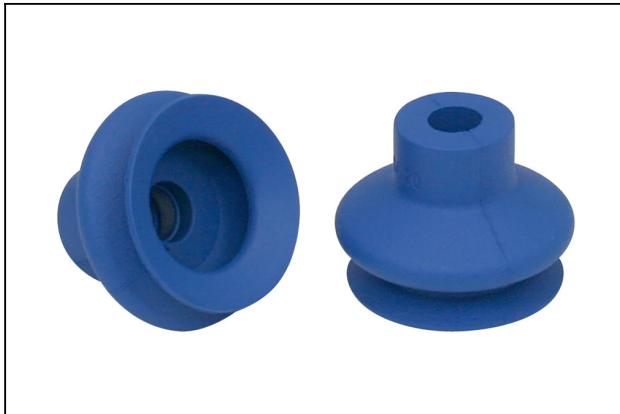
Material: Aluminium

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FGA 20 HT1-60 N016

Part no.10.01.06.00870

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

Size: 20

Suction cup material:

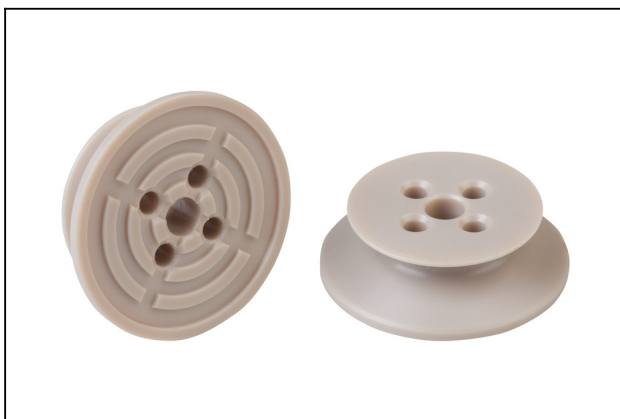
High temp material HT1

Material hardness: 60 °Sh

Number of folds: 1.5

Material property: imprint-free

Accessories



SPI 18 PEEK

Part no.10.01.06.03284

Suction cup insert for handling of sensitive workpieces without leaving marks

Size: 18

Material: Polyetheretherketon