

Bellows suction cups (round)

FSGA 22 HT1-60 G1/8-IG

Part no.:10.01.06.01234

<https://www.schmalz.com/10.01.06.01234>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGA (1.5 Folds) > FSGA 22 HT1-60 G1/8-IG

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



Size: 22

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Nipple material: Aluminum

Connection: G1/8"-F

Number of folds: 1.5

Vacuum connection: G1/8"-F

Design Data



Attribute	Value
d2	11.70 mm
Dmax(S)	25 mm
dn	3.50 mm
Ds	21.50 mm
G1	G1/8"-F
H	31 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	6 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Technical Data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A
Size	22
Number of folds	1.50
Connection	G1/8-IG
Curve radius (min) (convex)	25 mm
Volume	1.40 cm ³

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at

Bellows suction cups (round)

FSGA 22 HT1-60 G1/8-IG

Part no.:10.01.06.01234

<https://www.schmalz.com/10.01.06.01234>

Suction force (-600mbar)	5.70 N
Pull-off force	15.20 N
Hose diameter (rec.) d	4 mm
Weight	6.20 g
Product family	FSGA

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat 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

Accessories



SPI 21 PEEK

Part no.:10.01.06.03285

Size: 21

Material: Polyetheretherketon

Spare parts



SA-NIP N016 G1/8-IG DN350

Part no.:10.01.06.05731

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at

Bellows suction cups (round)

FSGA 22 HT1-60 G1/8-IG

Part no...:10.01.06.01234

<https://www.schmalz.com/10.01.06.01234>



FGA 22 HT1-60 N016

Part no...:10.01.06.01249

Size: 22

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Number of folds: 1.5