

Bellows suction cups (round)

FSGA 43 HT1-60 G1/4-AG

Part no.:10.01.06.00942

<https://www.schmalz.com/10.01.06.00942>

Home > Vakuum tehnologija za automatizaciju > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGA (1.5 Folds) > FSGA 43 HT1-60 G1/4-AG

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



Size: 43

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Nipple material: Aluminum

Connection: G1/4"-M

Number of folds: 1,5

Vacuum connection: G1/4"-M

Design Data



Attribute	Value
d2	21,90 mm
Dmax(S)	47,50 mm
dn	4,40 mm
Ds	38 mm
G1	G1/4"-M
H	31,60 mm
LG1	11 mm
SW1	17 mm
Z (Stroke)	10 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	43
Number of folds	1,50
Connection	G1/4-AG
Curve radius (min) (convex)	60 mm
Volume	9,25 cm ³

Contact Schmalz

Schmalz d.o.o. | Velika Ligojna 4, Vrhnika, Slovenia | +386 70 613 796 | info@schmalz.si

Bellows suction cups (round)

FSGA 43 HT1-60 G1/4-AG

Part no.:10.01.06.00942

<https://www.schmalz.com/10.01.06.00942>

Suction force (-600mbar)	22,80 N
Pull-off force	64,50 N
Hose diameter (rec.) d	6 mm
Weight	19 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

Spare parts



SA-NIP N018 G1/4-AG DN440

Part no.:10.01.06.01065

Nipple family: N 018

Thread G1: G1/4"-M

Length L1: 28,8 mm

Fitting length: 4 mm

Nominal diameter dn: 4,4 mm

Spanner size SW2: 5 mm

Material: Aluminum



FGA 43 HT1-60 N018

Part no.:10.01.06.00874

Size: 43

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Number of folds: 1,5