Bellows suction cups (round)

FSG 52 HT1-60 G1/4-IG

Part no..:10.01.06.02388

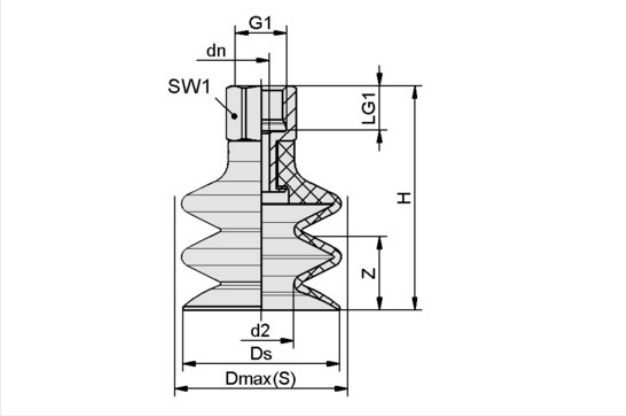
https://www.schmalz.ru/10.01.06.02388

Bellows suction cup (round) for very uneven workpieces



- Size: 52
- Suction cup material: High temperature material HT1
- Material hardness [Shore A]: 60 Shore A
- Connection: G1/4"-F
- Number of folds: 2.5
- Vacuum connection: G1/4"-F

Design Data



Attribute	Value
d2	24.60 mm
dn	4.40 mm
Dmax(S)	55 mm
Ds	52.50 mm
G1	G1/4"-F
H	63.70 mm
LG1	12 mm
SW1	17 mm
Z (Stroke)	25 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	52
Number of folds	2.50
Connection	G1/4-IG
Curve radius (min) (convex)	75 mm
Volume	35 cm^3

Contact Schmalz
OOO Schmalz | Mozhayskoe highway 165, bdg1, 121596 Moscow, Russia | +7 495 9671248 | post@ruschmalz.ru

Bellows suction cups (round)

FSG 52 HT1-60 G1/4-IG

Part no..:10.01.06.02388

https://www.schmalz.ru/10.01.06.02388

Suction force (-600mbar)	28.52 N
Pull-off force	96 N
Hose diameter (rec.) d	6 mm
Weight	32.30 g
Product family	FSG

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



DR 52/33x5 MOS SI-15

Part no..:10.01.06.02548

External diameter D: 52 mm
Internal diameter d: 33 mm
Height H: 5 mm
Material type: Foam rubber
Sealing material: Silicone SI
Material hardness [Shore A]: 15 Shore A

FD 44 120

Part no..:10.01.06.02573

External diameter D: 44 mm
Filter pore size: 120 µm
Construction use: Bellows suction cup
Size: FG 52

Bellows suction cups (round)

FSG 52 HT1-60 G1/4-IG

Part no..:10.01.06.02388

https://www.schmalz.ru/10.01.06.02388

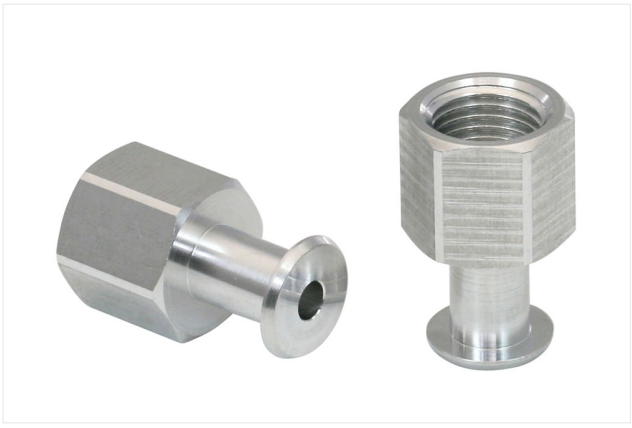


SU 50

Part no..:10.01.01.12837

Size: 50
Clamping range: 45.0 ... 60.0 mm
Temperature resistance: 80 °C

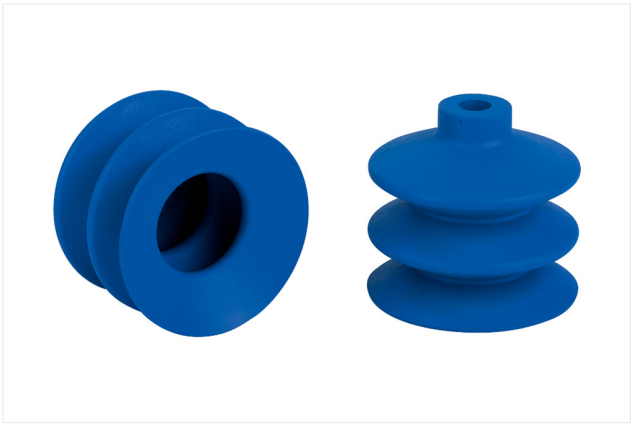
Spare parts



SA-NIP N018 G1/4-IG DN440

Part no..:10.01.06.01066

Nipple family: N 018
Thread G1: G1/4"-F
Length L1: 28.8 mm
Fitting length: 15 mm
Nominal diameter dn: 4.4 mm
Spanner size SW2: 5 mm
Material: Aluminum



FG 52 HT1-60 N018

Part no..:10.01.06.02365

Size: 52
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A
Number of folds: 2.5