

Bellows suction cup (round)

FG 42 SI-55 N018

Part no...:10.01.06.00145

<https://www.schmalz.com/10.01.06.00145>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > FG 42 SI-55 N018

Bellows suction cup (round) for very uneven workpieces



Size: 42

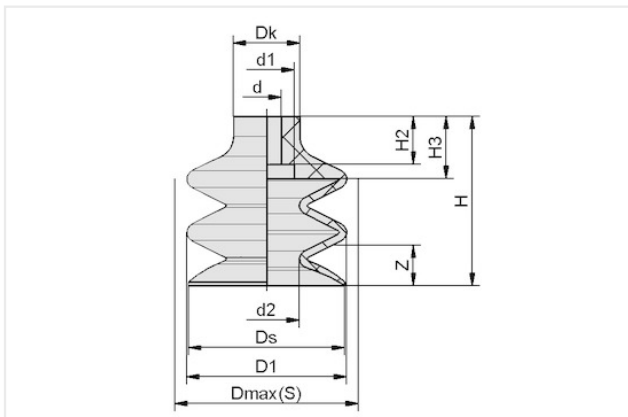
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Number of folds: 2.5

Design Data



Attribute	Value
d	8 mm
d1	15 mm
d2	17.80 mm
D1	43.50 mm
Dk	18 mm
Dmax(S)	45 mm
Ds	42.60 mm
H	46 mm
H2	13 mm
H3	17 mm
Z (Stroke)	20 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	14.93 N
Pull-off force	44 N
Volume	19.79 cm ³
Curve radius (min) (convex)	75 mm
Size	42
Nipple family	N 018

Contact Schmalz

Schmalz Vakum San. ve Tic. Ltd. Sti. | Aydinli Mah. Patlayici Maddeler Yolu, Dumankaya Botanik A-89, 34953 Tuzla, Istanbul, Turkey | +90 216 340 0122 | schmalz@schmalz.com.tr

Bellows suction cup (round)

FG 42 SI-55 N018

Part no.:10.01.06.00145

<https://www.schmalz.com/10.01.06.00145>

Number of folds	2.50
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	17.80 g
Product family	FG

Accessories



SA-NIP N018 G1/4-AG DN440

Part no.:10.01.06.01065

Nipple family: N 018

Thread G1: G1/4"-M

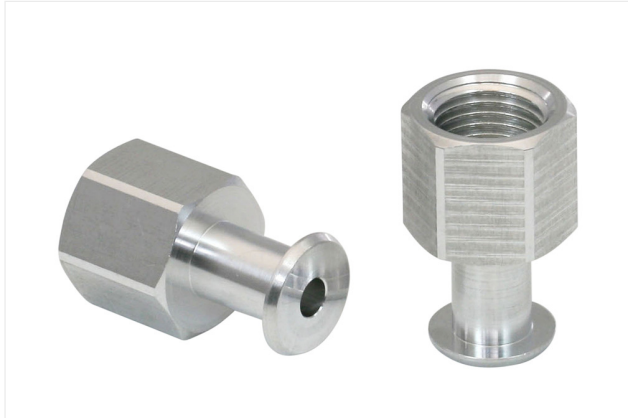
Length L1: 28.8 mm

Fitting length: 4 mm

Nominal diameter dn: 4.4 mm

Spanner size SW2: 5 mm

Material: Aluminum



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

Contact Schmalz

Schmalz Vakum San. ve Tic. Ltd. Sti. | Aydinli Mah. Patlayici Maddeler Yolu, Dumankaya Botanik A-89, 34953 Tuzla, Istanbul, Turkey | +90 216 340 0122 | schmalz@schmalz.com.tr