Bell suction cup (round)

SAXM 80 ED-85 M10-AG

Part no..:10.01.19.00036

https://www.schmalz.com/10.01.19.00036

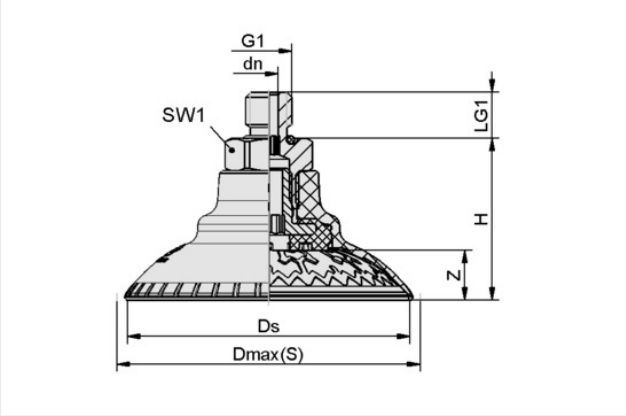
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Handling Sheet Metal > Bell-Shaped Suction Cups SAXM > SAXM 80 ED-85 M10-AG

Bell suction cup (round) for best adaptation to strongly curved surfaces



- Size: 80
- Suction cup material: Elastodur ED
- Material hardness [Shore A]: 85 Shore A
- Nipple material: Aluminum
- Connection: M10-AG

Design Data



Attribute	Value
dn	4.10 mm
Dmax(S)	92.20 mm
Ds	81 mm
G1	M10-M
H	38.30 mm
LG1	10 mm
SW1	17 mm
Z (Stroke)	13.90 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	270 N
Lateral force	150 N
Lateral force (oily surface)	269 N
Volume	51.90 cm³
Curve radius (min) (convex)	32.50 mm
Hose diameter (rec.) d	6 mm
Size	80

Bell suction cup (round)

SAXM 80 ED-85 M10-AG

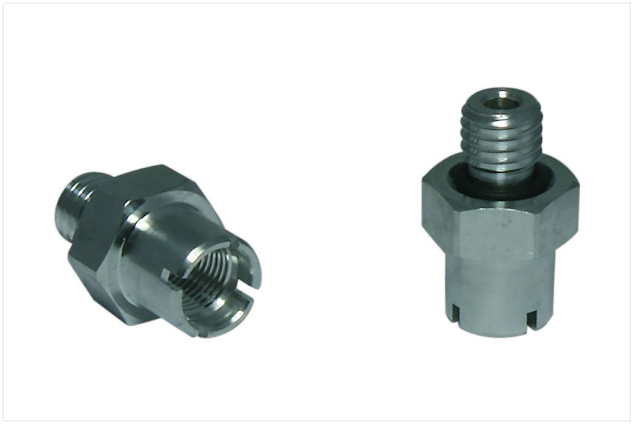
Part no..:10.01.19.00036

https://www.schmalz.com/10.01.19.00036

Connection	M10-M
Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	85 Shore A
Weight	38.90 g
Product family	SAXM

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 Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SC-A 055 M10-AG L

Part no..:10.01.06.02822

Connection geometry: 055
Thread G1: M10-M
Fitting length: 7.2 mm
Shape: Self Locking



SAXM 80 ED-85 SC055

Part no..:10.01.19.00008

Size: 80
Suction cup material: Elastodur ED
Material hardness [Shore A]: 85 Shore A

Bell suction cup (round)

SAXM 80 ED-85 M10-AG

Part no..:10.01.19.00036

https://www.schmalz.com/10.01.19.00036



SC-S 055 FDC-L

Part no..:10.01.06.02804

Shape: Frict elem with Self lock