

Flat suction cup (round)

SPF 10 ED-65 M5-IG

Part no.: 10.01.01.13254

<https://www.schmalz.com/10.01.01.13254>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for the Packaging Industry > Flat Suction Cups SPF > SPF 10 ED-65 M5-IG

Flat suction cup (round) for dynamic handling of cardboard and rigid packaging



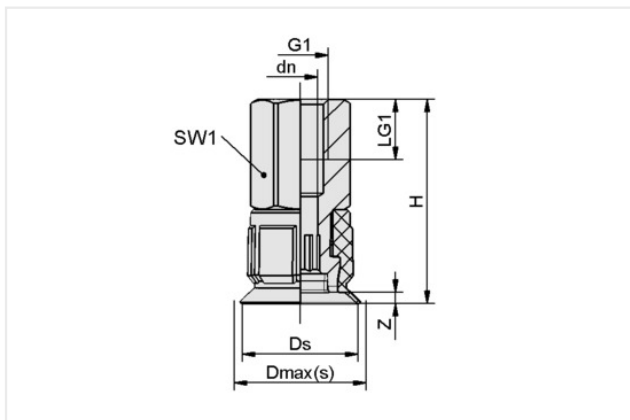
Size: 10

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Thread G1: M5-F

Design Data



Attribute	Value
dn	3.10 mm
Dmax(S)	12 mm
Ds	10.50 mm
G1	M5-F
H	18.50 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	1 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	4.40 N
Pull-off force	5.20 N
Lateral force	3.50 N
Volume	0.30 cm ³
Curve radius (min) (convex)	8 mm
Hose diameter (rec.) d	4 mm
Size	10

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

Flat suction cup (round)

SPF 10 ED-65 M5-IG

Part no.:10.01.01.13254

<https://www.schmalz.com/10.01.01.13254>

Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	65 Shore A
Weight	1.50 g
Product family	SPF

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 Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SC 030 M5-IG

Part no.:10.01.06.03440

Connection geometry: 030

Connection: M5-F

Length L1: 15.8 mm

Fitting length: 10 mm

Nominal diameter dn: 3.1 mm



SPF 10 ED-65 SC030

Part no.:10.01.01.12894

Size: 10

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Height H: 8.5 mm

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de