

## Flat suction cup (round)

SPF 10 ED-65 M5-AG

Part no...:10.01.01.13237

<https://www.schmalz.ru/10.01.01.13237>

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



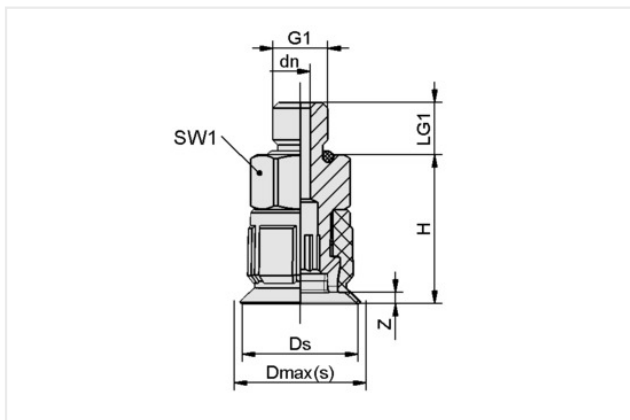
Size: 10

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Thread G1: M5-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 1.80 mm  |
| Dmax(S)    | 12 mm    |
| Ds         | 10.50 mm |
| G1         | M5-M     |
| H          | 13.50 mm |
| LG1        | 4.70 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 <sup>3</sup> |
| Curve radius (min) (convex) | 8 mm                 |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 10                   |

### Contact Schmalz

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|                             |              |
|-----------------------------|--------------|
| Number of folds             | 0            |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65 Shore A   |
| Weight                      | 1 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-AG

Part no.:10.01.06.02802

Connection geometry: 030

Connection: M5-M

Length L1: 15.5 mm

Fitting length: 5 mm

Nominal diameter dn: 1.8 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