

## Flat suction cup (round)

SPF 40 ED-65 G1/4-AG

Part no.:10.01.01.13246

<https://www.schmalz.ru/10.01.01.13246>

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



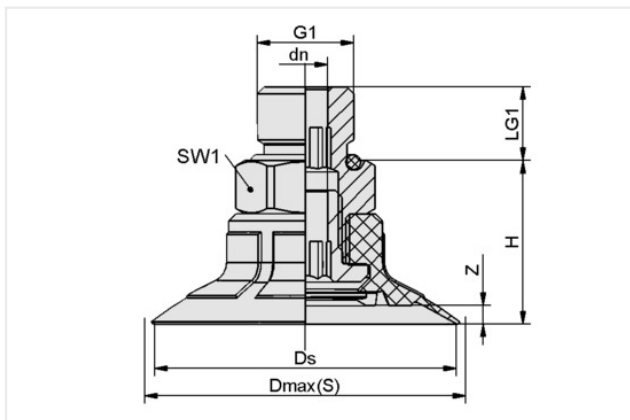
Size: 40

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Thread G1: G1/4"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 6.10 mm  |
| Dmax(S)    | 43.70 mm |
| Ds         | 41.40 mm |
| G1         | G1/4"-M  |
| H          | 22.20 mm |
| LG1        | 10 mm    |
| SW1        | 17 mm    |
| Z (Stroke) | 2.50 mm  |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 49.50 N              |
| Pull-off force              | 62.50 N              |
| Lateral force               | 25 N                 |
| Volume                      | 5.09 cm <sup>3</sup> |
| Curve radius (min) (convex) | 70 mm                |
| Hose diameter (rec.) d      | 6 mm                 |
| Size                        | 40                   |

### Contact Schmalz

OOO Schmalz | Mozhayskoe highway 165, bldg1, 121596 Moscow, Russia | +7 495 9671248 | [post@ruschmalz.ru](mailto:post@ruschmalz.ru)

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|                             |              |
|-----------------------------|--------------|
| Number of folds             | 0            |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65 Shore A   |
| Weight                      | 18.80 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

### Accessories



#### SIEB 17.5x0.8 MS-A2 280 0.28/0.16

Part no.:10.07.01.00308

External diameter D: 17.5 mm

Length L: 0.8 mm

Material: Brass / Stainless steel

Filter pore size: 280 µm



#### SU 40

Part no.:10.01.01.12856

Size: 40

Clamping range: 35.0 ... 45.0 mm

Temperature resistance: 80 °C

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### SC-SW 60 6

Part no...:10.05.04.00096

Spanner size SW1: 6 mm

Nominal size: 60



### SC-SW 80 6

Part no...:10.05.04.00097

Spanner size SW1: 6 mm

Nominal size: 80



### SC-SW 100 6

Part no...:10.05.04.00098

Spanner size SW1: 6 mm

Nominal size: 100

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### SC-SW 120 6

Part no...:10.05.04.00099

Spanner size SW1: 6 mm

Nominal size: 120



### SC-SW 200 6

Part no...:10.05.04.00100

Spanner size SW1: 6 mm

Nominal size: 200



### SC-SW 240 6

Part no...:10.05.04.00101

Spanner size SW1: 6 mm

Nominal size: 240

## Spare parts

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### SC 050 G1/4-AG MOD

Part no...:10.01.06.02487

Connection geometry: 050

Connection: G1/4"-M

Length L1: 26.5 mm

Fitting length: 7.2 mm

Nominal diameter dn: 6.1 mm



### SPF 40 ED-65 SC050

Part no...:10.01.01.12373

Size: 40

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Height H: 15 mm