# Flat suction cup (oval)

SGON 45x15 SI-HD-65 G1/4-IG

Part no..:10.01.05.01055

https://www.schmalz.com/10.01.05.01055

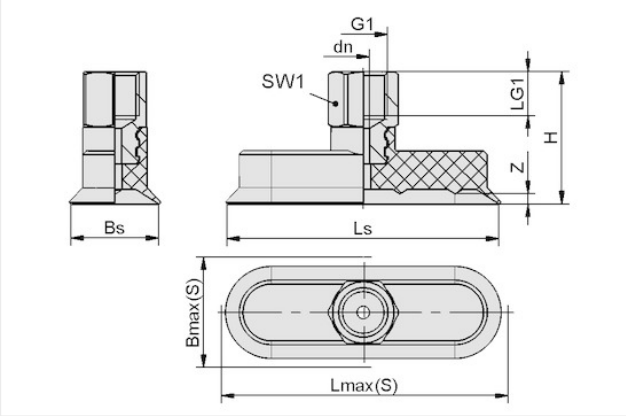
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## Flat suction cup (oval) for long and also curved workpieces



- Suction cup material: Silicone SI-HD
- Material hardness [Shore A]: 65 Shore A
- Nipple material: Aluminum
- Connection: G1/4"-F

## Design Data




| Attribute | Value |
|---|---|
| Bmax(S) | 16.50 mm |
| Bs | 14.40 mm |
| dn | 3 mm |
| G1 | G1/4"-F |
| H | 36 mm |
| LG1 | 12 mm |
| Lmax(S) | 46 mm |
| Ls | 44.40 mm |
| SW1 | 17 mm |
| Z (Stroke) | 2 mm |

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

## Technical Data

| Attribute | Value |
|---|---|
| Suction force (-600mbar) | 28.20 N |
| Volume | 2.31 $cm^3$ |
| Curve radius (min) (convex) | 10 mm |
| Hose diameter (rec.) d | 6 mm |
| Number of folds | 0 |
| Suction cup material | Silicone SI-HD |
| Material hardness [Shore A] | 65 Shore A |

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| | |
|---|---|
| Weight | 14.30 g |
| Product family | SGON |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

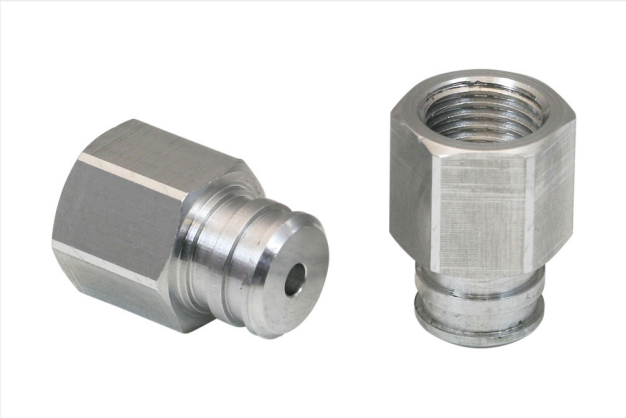
## Spare parts



**SGO 45x15 SI-HD-65 N023**

Part no..:10.01.05.01038

| |
|---|
| Suction cup material: Silicone SI-HD |
| Material hardness [Shore A]: 65 Shore A |



**SA-NIP N023 G1/4-IG DN350**

Part no..:10.01.05.00121

| |
|---|
| Thread G1: G1/4"-F |
| Length L1: 25 mm |
| Fitting length: 15 mm |
| Nominal diameter dn: 3.5 mm |
| Material: Aluminum |

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**ZOKL 15-18**

Part no..:10.07.10.00033

Clamping range: 15.0 ... 18.0 mm

Material: Galvanized steel

Contact Schmalz

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