

## Flat suction cup (oval)

SGON 45x15 HT1-60 G1/4-IG

Part no.: 10.01.05.00422

<https://www.schmalz.co.jp/10.01.05.00422>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Oval) > Flat Suction Cups SGON > SGON 45x15 HT1-60 G1/4-IG

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



Dimensions (LxB): 45 x 15

Suction cup material: High temperature material HT1

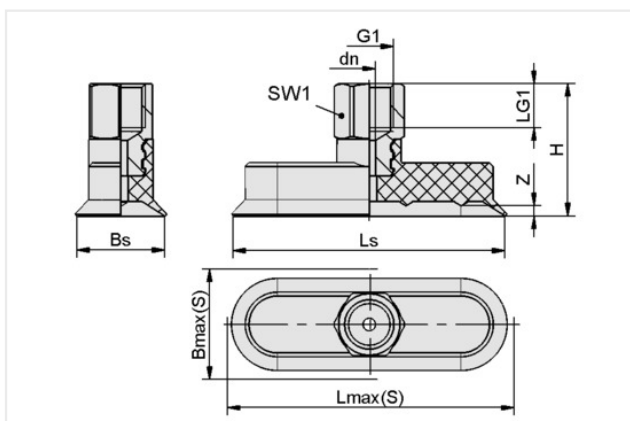
Material hardness [Shore A]: 60 Shore A

Material property: non-marking

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 <sup>3</sup>          |
| Curve radius (min) (convex) | 10 mm                         |
| Hose diameter (rec.) d      | 6 mm                          |
| Dimensions (LxB)            | 45 x 15                       |
| Number of folds             | 0                             |
| Suction cup material        | High temperature material HT1 |

### Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | [schmalz@schmalz.co.jp](mailto:schmalz@schmalz.co.jp)

## Flat suction cup (oval)

SGON 45x15 HT1-60 G1/4-IG

Part no.: 10.01.05.00422

<https://www.schmalz.co.jp/10.01.05.00422>

Material hardness [Shore A] 60 Shore A

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



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



ZOKL 15-18

Part no.: 10.07.10.00033

Clamping range: 15.0 ... 18.0 mm

Material: Galvanized steel

## Flat suction cup (oval)

SGON 45x15 HT1-60 G1/4-IG

Part no.: 10.01.05.00422

<https://www.schmalz.co.jp/10.01.05.00422>



SGO 45x15 HT1-60 N023

Part no.: 10.01.05.00439

Dimensions (LxB): 45 x 15

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Material property: non-marking



ZOKL 15-18

Part no.: 10.07.10.00033

Clamping range: 15.0 ... 18.0 mm

Material: Galvanized steel