

# Flat suction cup (round)

SG 45 SI-60 N031

Part no.: 10.01.01.00220

<https://www.schmalz.com/10.01.01.00220>



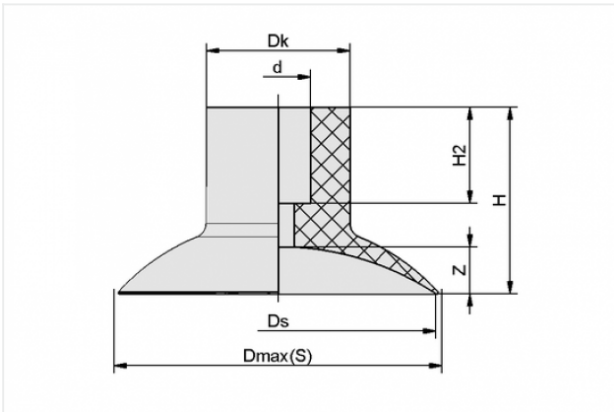
Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Different Industries > SG 45 SI-60 N031

## Flat suction cup (round)



Size: 45  
Suction cup material: Silicone SI  
Material hardness: 60 °Sh  
Material characteristics:  
FDA-compatible

## Design Data



| Attribute | Value |
|-----------|-------|
|-----------|-------|

|   |      |
|---|------|
| d | 9 mm |
|---|------|

|    |       |
|----|-------|
| Dk | 20 mm |
|----|-------|

|         |       |
|---------|-------|
| Dmax(S) | 50 mm |
|---------|-------|

|    |         |
|----|---------|
| Ds | 44.2 mm |
|----|---------|

|   |       |
|---|-------|
| H | 26 mm |
|---|-------|

|    |         |
|----|---------|
| H2 | 13.4 mm |
|----|---------|

|   |      |
|---|------|
| Z | 5 mm |
|---|------|

## Technical Data

| Attribute | Value |
|-----------|-------|
|-----------|-------|

|               |      |
|---------------|------|
| Suction force | 50 N |
|---------------|------|

### Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Volume                      | 6.141 cm <sup>3</sup> |
| Curve radius (min) (convex) | 50 mm                 |
| Size                        | 45                    |
| Suction cup material        | Silicone SI           |
| Material hardness           | 60 °Sh                |
| Weight                      | 9.4 g                 |

## Accessories



### SA-NIP N031 G1/4-AG DN550

Part no. 10.01.01.00327

Suction cup connection nipple

Nipple: N 031

Thread G1: G1/4-M

Overall length: 28 mm

Fitting length: 5 mm

Nominal size: 5,50 mm

Material: Aluminium

Spanner size SW2: 6 mm



### SA-NIP N031 G1/4-IG DN550

Part no. 10.01.01.00328

Suction cup connection nipple

Nipple: N 031

Thread G1: G1/4-F

Overall length: 34 mm

Fitting length: 21 mm

Nominal size: 5,50 mm

Material: Aluminium

Spanner size SW2: 6 mm