

## Flat suction cup (round)

PFG 50 HT1-60 N008

Part no.: 10.01.01.11168

<https://www.schmalz.com/10.01.01.11168>

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### Flat suction cup (round) for smooth or slightly rough surfaces



Size: 50

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Material property: non-marking

### Design Data



| Attribute  | Value    |
|------------|----------|
| d          | 8 mm     |
| d1         | 20 mm    |
| Dk         | 29.10 mm |
| Dmax(S)    | 53.50 mm |
| Ds         | 50 mm    |
| H          | 15 mm    |
| H2         | 7 mm     |
| Z (Stroke) | 4 mm     |

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

### Technical Data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction force (-600mbar)    | 91 N                          |
| Volume                      | 7.08 cm <sup>3</sup>          |
| Curve radius (min) (convex) | 75 mm                         |
| Size                        | 50                            |
| Nipple family               | N 008                         |
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60 Shore A                    |
| Weight                      | 10.60 g                       |

### Contact Schmalz

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Product family

PFG

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



#### SA-NIP N008 G1/8-AG DN350

Part no.:10.01.01.03532

Thread G1: G1/8"-M

Length L1: 22 mm

Fitting length: 5 mm

Material: Aluminum

Spanner size SW2: 4 mm



#### SA-NIP N008 G1/8-IG DN350

Part no.:10.01.01.03524

Thread G1: G1/8"-F

Length L1: 25 mm

Fitting length: 16 mm

Material: Aluminum

Spanner size SW2: 4 mm



#### SU 50

Part no.:10.01.01.12837

Size: 50

Clamping range: 45.0 ... 60.0 mm

Temperature resistance: 80 °C

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