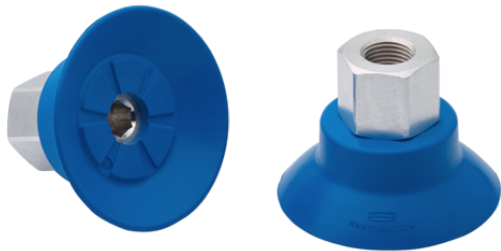


Flat suction cup (round)

## SUF 50 HT1-60 NPT1/8-IG



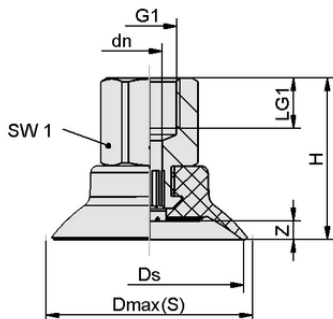
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SUF 50 HT1-60 NPT1/8-IG

Suction cup SUF (elastomer part + connector) is delivered assembled.

Available spare parts: suction cup SUF, connector SC



Design data SUF 50 HT1-60 NPT1/8-IG

### Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Size                        | 50.00                         |
| Vacuum connection           | NPT1/8-F                      |

### Design data

| Attribute           | Value     |
|---------------------|-----------|
| Height H            | 34.20 mm  |
| Nominal diameter dn | 4.10 mm   |
| Thread G1           | NPT1/8"-F |
| Thread length LG1   | 12.0 mm   |
| Key width SW1       | 17.0 mm   |
| Spring stroke Z     | 5.0 mm    |
| Diameter Ds         | 50.0 mm   |
| Diameter Dmax(S)    | 54.3 mm   |



[WWW.SCHMALZ.COM/10.01.01.15097](http://WWW.SCHMALZ.COM/10.01.01.15097)

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**Technical data**

| Attribute                      | Value                         |
|--------------------------------|-------------------------------|
| Suction cup material           | High temperature material HT1 |
| Material hardness [Shore A]    | 60.0 Shore A                  |
| Hose inner diameter (recom.) d | 4.0 mm                        |
| Workpiece radius min. (convex) | 75.0 mm                       |
| Pull-off force                 | 95.00 N                       |
| Weight                         | 24.90 g                       |
| Volume                         | 7.100 cm <sup>3</sup>         |
| Size                           | 50.00                         |
| Number of folds                | 0.0                           |
| Product family                 | SUF                           |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.15097](http://www.schmalz.com/10.01.01.15097)

**Ordering Data Spare Parts 10.01.01.15097**

| Typ                      |                     | Item number    |
|--------------------------|---------------------|----------------|
| Schmalz-Connector        | SC 050 NPT1/8-IG    | 10.01.06.04908 |
| Flat suction cup (round) | SUF 50 HT1-60 SC050 | 10.01.01.13996 |

