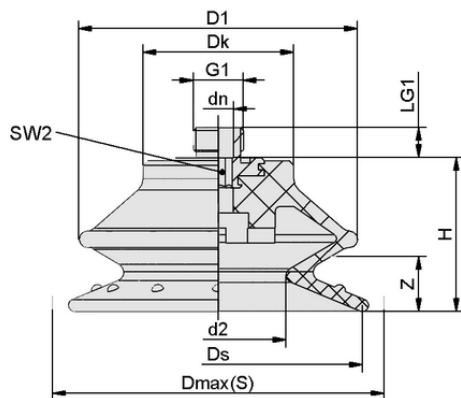


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SDC1 70 PU 30/60 G3/8-AG

The suction cup SDC1, available in various diameters, is supplied with the connection nipple assembled.



Design data SDC1 70 PU 30/60 G3/8-AG

### Technical data

| Attribute                   | Value           |
|-----------------------------|-----------------|
| Suction cup material        | Polyurethane PU |
| Material hardness [Shore A] | 30.0 Shore A    |
| Size                        | 70.00           |
| Number of folds             | 1.5             |
| Material hardness           | 60.0 Shore A    |
| Connection                  | G3/8-AG         |

### Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 36.50 mm |
| Outside diameter D1 | 74.0 mm  |
| Head diameter Dk    | 50.0 mm  |
| Nominal diameter dn | 9.80 mm  |
| d2                  | 24.0 mm  |
| Thread length LG1   | 10.0 mm  |
| Spanner size SW2    | 8.0 mm   |
| Spring stroke Z     | 18.0 mm  |
| Diameter Ds         | 70.0 mm  |
| Height H3           | 18.50 mm |

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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Polyurethane PU        |
| Material hardness [Shore A]    | 30.0 Shore A           |
| Hose inner diameter (recom.) d | 12.0 mm                |
| Workpiece radius min. (convex) | 30.0 mm                |
| Pull-off force                 | 167.00 N               |
| Suction force (-600mbar)       | 75.40 N                |
| Volume                         | 52.000 cm <sup>3</sup> |
| Size                           | 70.00                  |
| Temperature resistance         | 55.0 °C                |
| Number of folds                | 1.5                    |
| Material hardness              | 60.0 Shore A           |
| Connection                     | G3/8-AG                |

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/10.01.06.05530](http://www.schmalz.com/10.01.06.05530)

**Ordering Data Spare Parts 10.01.06.05530**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N044 G3/8-AG DN800 | 10.01.06.03372 |

