

Flat suction cup (round)

SUF 25 HT1-60 G1/8-AG



Art.-Nr.: 10.01.01.14148



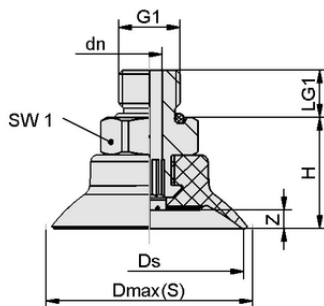
Technical data

| Attribute | Value |
|-----------------------------|-------------------------------|
| Suction cup material | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A |
| Size | 25.00 |
| Vacuum connection | G1/8"-M |

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

Available spare parts: suction cup SUF, connector SC



Design data

| Attribute | Value |
|---------------------|----------|
| Height H | 17.20 mm |
| Nominal diameter dn | 4.10 mm |
| Thread G1 | G1/8"-M |
| Thread length LG1 | 7.5 mm |
| Key width SW1 | 14.0 mm |
| Spring stroke Z | 2.5 mm |
| Diameter Ds | 25.0 mm |
| Diameter Dmax(S) | 28.2 mm |

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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) | 25.0 mm |
| Pull-off force | 23.00 N |
| Suction force (-600mbar) | 23.00 N |
| Weight | 9.70 g |
| Volume | 0.900 cm ³ |
| Size | 25.00 |
| 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/10.01.01.14148

**Ordering Data Spare Parts 10.01.01.14148**

| Typ | | Item number |
|--------------------------|---------------------|----------------|
| Schmalz-Connector | SC 040 G1/8-AG | 10.01.06.02490 |
| Flat suction cup (round) | SUF 25 HT1-60 SC040 | 10.01.01.13992 |

