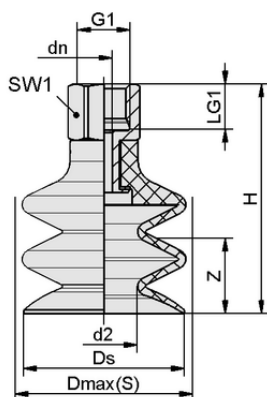




FSG 12 SI-MD-55 G1/8-IG

## Technical data

| Attribute                   | Value                        |
|-----------------------------|------------------------------|
| Suction cup material        | Silicone SI metal detectable |
| Material hardness [Shore A] | 55.0 Shore A                 |
| Size                        | 12.00                        |
| Number of folds             | 2.5                          |
| Connection                  | G1/8"-F                      |
| Nipple material             | Aluminum                     |
| Material characteristics    | FDA-compatible               |



Design data FSG 12 SI-MD-55 G1/8-IG

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 33.00 mm |
| Nominal diameter dn | 3.50 mm  |
| d2                  | 5.0 mm   |
| Thread G1           | G1/8"-F  |
| Thread length LG1   | 8.5 mm   |
| Key width SW1       | 14.0 mm  |
| Spring stroke Z     | 7.0 mm   |
| Diameter Ds         | 12.0 mm  |
| Diameter Dmax(S)    | 13.0 mm  |

Art.-Nr.: 10.01.06.05706

**Technical data**

| Attribute                      | Value                        |
|--------------------------------|------------------------------|
| Suction cup material           | Silicone SI metal detectable |
| Material hardness [Shore A]    | 55.0 Shore A                 |
| Hose inner diameter (recom.) d | 4.0 mm                       |
| Workpiece radius min. (convex) | 12.5 mm                      |
| Pull-off force                 | 3.50 N                       |
| Suction force (-600mbar)       | 1.18 N                       |
| Weight                         | 4.9 g                        |
| Volume                         | 0.600 cm <sup>3</sup>        |
| Size                           | 12.00                        |
| Number of folds                | 2.5                          |
| Product family                 | FSG                          |
| Connection                     | G1/8-IG                      |

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/10.01.06.05706](http://www.schmalz.com/10.01.06.05706)

**Ordering Data Spare Parts 10.01.06.05706**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Bellows suction cup (round)   | FG 12 SI-MD-55 N016       | 10.01.06.04134 |
| Suction cup connection nipple | SA-NIP N016 G1/8-IG DN350 | 10.01.06.05731 |

