



SAB 60 HT1-60 G1/4-AG

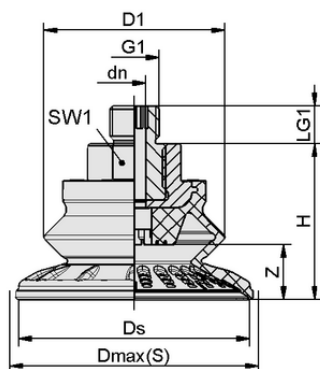
Suction cup SAB HT1, available in various diameters, is delivered with connection nipple vulcanized to elastomer part.

## Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Size                        | 60.00                         |
| Number of folds             | 1.5                           |
| Connection                  | G1/4-AG                       |
| Nipple material             | Aluminum                      |

## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 41.30 mm |
| Outside diameter D1 | 48.0 mm  |
| Nominal diameter dn | 6.00 mm  |
| Thread G1           | G1/4"-M  |
| Thread length LG1   | 10.0 mm  |
| Key width SW1       | 22.0 mm  |
| Spring stroke Z     | 14.5 mm  |
| Diameter Ds         | 61.1 mm  |
| Diameter Dmax(S)    | 67.0 mm  |



Design data SAB 60 HT1-60 G1/4-AG

Art.-Nr.: 10.01.06.03059

**Technical data**

| Attribute                      | Value                         |
|--------------------------------|-------------------------------|
| Suction cup material           | High temperature material HT1 |
| Material hardness [Shore A]    | 60.0 Shore A                  |
| Hose inner diameter (recom.) d | 6.0 mm                        |
| Workpiece radius min. (convex) | 65.0 mm                       |
| Pull-off force                 | 130.00 N                      |
| Suction force (-600mbar)       | 82.00 N                       |
| Weight                         | 49.10 g                       |
| Lateral force                  | 82.0 N                        |
| Lateral force oily surface     | 77.0 N                        |
| Volume                         | 28.800 cm <sup>3</sup>        |
| Size                           | 60.00                         |
| Number of folds                | 1.5                           |
| Product family                 | SAB                           |

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/10.01.06.03059](http://www.schmalz.com/10.01.06.03059)

