

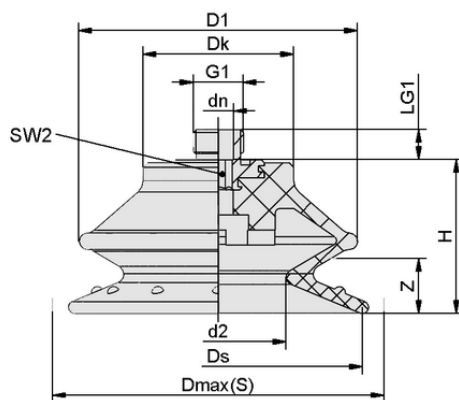


Technical data

Attribute	Value
Suction cup material	Polyurethane PU
Material hardness [Shore A]	30.0 Shore A
Size	100.00
Number of folds	1.5
Material hardness	60.0 Shore A
Connection	G3/8-AG

SDC1 100 PU 30/60 G3/8-AG

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



Design data SDC1 100 PU 30/60 G3/8-AG

Design data

Attribute	Value
Height H	51.00 mm
Outside diameter D1	92.5 mm
Head diameter Dk	50.0 mm
Nominal diameter dn	9.80 mm
d2	45.0 mm
Thread length LG1	10.0 mm
Spanner size SW2	8.0 mm
Spring stroke Z	22.0 mm
Diameter Ds	95.6 mm
Height H3	28.30 mm

Art.-Nr.: 10.01.06.05523

**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)	50.0 mm
Pull-off force	276.70 N
Suction force (-600mbar)	95.40 N
Volume	107.500 cm ³
Size	100.00
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/10.01.06.05523

**Ordering Data Spare Parts 10.01.06.05523**

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

