



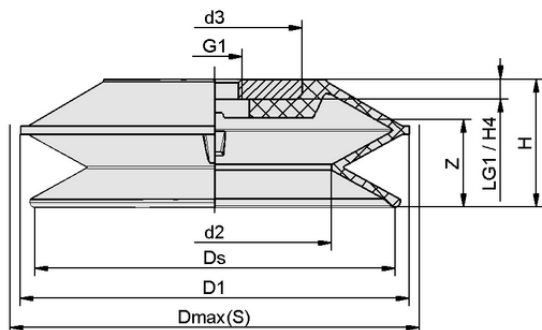
FSGPL 100 HT1-60 G1/2-IG

Suction cup FSGPL, available in various diameters, is delivered with support plate vulcanized to elastomer part.

Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	100.00
Number of folds	1.5
Vacuum connection	G1/2"-F
Nipple material	Steel
Material property	non-marking

Design data



Design data FSGPL 100 HT1-60 G1/2-IG

Attribute	Value
Height H	43.30 mm
Outside diameter D1	101.0 mm
d2	57.2 mm
Thread G1	G1/2"-F
Thread length LG1	8.0 mm
Hole size d3	44.0 mm
Spring stroke Z	29.1 mm
Diameter Ds	96.1 mm
Height H4	8.00 mm
Diameter Dmax(S)	106.5 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Art.-Nr.: 10.01.06.03150

**Technical data**

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	12.0 mm
Workpiece radius min. (convex)	100.0 mm
Suction force (-600mbar)	150.00 N
Weight	145.0 g
Volume	150.000 cm ³
Size	100.00
Number of folds	1.5
Product family	FSGPL

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/10.01.06.03150

