



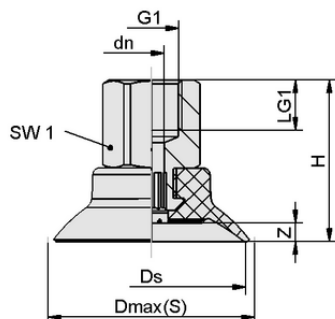
Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	18.00
Vacuum connection	NPT1/8-F

SUF 18 HT1-60 NPT1/8-IG

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

Available spare parts: suction cup SUF, connector SC



Design data

Attribute	Value
Height H	23.30 mm
Nominal diameter dn	3.10 mm
Thread G1	NPT1/8"-F
Thread length LG1	9.5 mm
Key width SW1	14.0 mm
Spring stroke Z	1.8 mm
Diameter Ds	18.0 mm
Diameter Dmax(S)	20.6 mm

Design data SUF 18 HT1-60 NPT1/8-IG

Art.-Nr.: 10.01.01.15017

**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)	20.0 mm
Pull-off force	13.00 N
Weight	6.10 g
Volume	0.370 cm ³
Size	18.00
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/10.01.01.15017

**Ordering Data Spare Parts 10.01.01.15017**

Typ		Item number
Schmalz-Connector	SC 030 NPT1/8-IG	10.01.06.04895
Flat suction cup (round)	SUF 18 HT1-60 SC030	10.01.01.13990

