



SGON 15x5 HT1-60 M5-IG

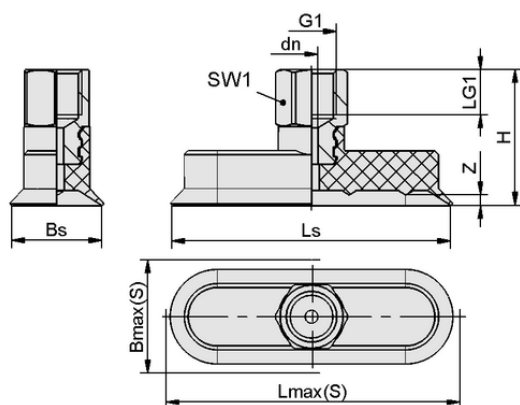
Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Connection	M5-F
Dimension (LxW)	15x5
Nipple material	Aluminum
Material property	non-marking

Suction cup SGON (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

- Suction cup of type SGO – elastomer part, available in various dimensions (LxW) and materials
- Connection nipple of type SA-NIP – available with various threads
- Cups of the size 24 x 8 mm and larger are delivered with a two-ear clamp

Available spare parts: suction cup SGO, connection nipple SA-NIP, two-ear clamp



Design data SGON 15x5 HT1-60 M5-IG

Design data

Attribute	Value
Height H	22.00 mm
Nominal diameter dn	1.20 mm
Thread G1	M5-F
Thread length LG1	5.5 mm
Key width SW1	8.0 mm
Spring stroke Z	0.7 mm
Suction cup width Bs	5.00 mm
Ls	15.00 mm
Lmax.(S)	15.50 mm
Bmax(S)	5.50 mm

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

Art.-Nr.: 10.01.05.00418

**Technical data**

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	2.0 mm
Workpiece radius min. (convex)	4.0 mm
Suction force (-600mbar)	3.10 N
Weight	3.50 g
Volume	1.750 cm ³
Number of folds	0.0
Product family	SGON
Dimension (LxW)	15x5

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/10.01.05.00418

**Ordering Data Spare Parts 10.01.05.00418**

Typ	Item number
Suction cup connection nipple	SA-NIP N021 M5-IG DN200 10.01.05.00125

**Ordering Data Wear Parts 10.01.05.00418**

Typ	Item number
Flat suction cup (oval)	SGO 15x5 HT1-60 N021 10.01.05.00429

