

Art.-Nr.: 10.01.05.00946

**Technical data**

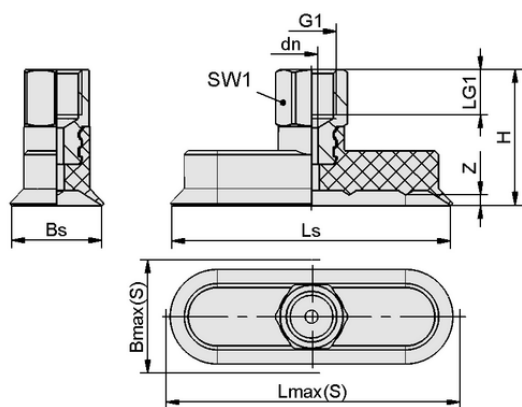
Attribute	Value
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Connection	G1/8"-F
Dimension (LxW)	24x8
Nipple material	Aluminum

SGON 24x8 NBR-ESD-55 G1/8-IG

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**

Attribute	Value
Height H	25.00 mm
Nominal diameter dn	1.50 mm
Thread G1	G1/8"-F
Thread length LG1	9.0 mm
Key width SW1	14.0 mm
Spring stroke Z	1.0 mm
Suction cup width Bs	8.00 mm
Ls	24.00 mm
Lmax.(S)	24.50 mm
Bmax(S)	9.00 mm

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

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Attribute	Value
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	7.5 mm
Suction force (-600mbar)	8.00 N
Weight	7.4 g
Volume	0.327 cm ³
Number of folds	0.0
Product family	SGON

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/10.01.05.00946

**Ordering Data Spare Parts 10.01.05.00946**

Typ		Item number
Flat suction cup (oval)	SGO 24x8 NBR-ESD-55 N022	10.01.05.01199
Suction cup connection nipple	SA-NIP N022 G1/8-IG DN350	10.01.05.00123

