

Flat suction cup (oval)

SGON 12x4 HT1-60 M5-AG

Part no.: 10.01.05.00406

<https://www.schmalz.co.jp/10.01.05.00406>

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Flat suction cup (oval) for long and also curved workpieces



Dimensions (LxB): 12 x 4

Suction cup material: High temperature material HT1

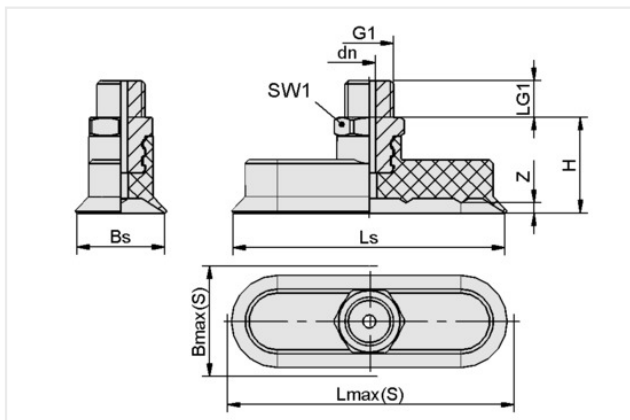
Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Nipple material: Aluminum

Connection: M5-M

Design Data



Attribute	Value
Bmax (S)	5 mm
Bs	3.90 mm
dn	1.50 mm
G1	M5-M
H	18 mm
LG1	4.50 mm
Lmax (S)	13 mm
Ls	11.90 mm
SW1	8 mm
Z (Stroke)	0.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	1.80 N
Volume	0.17 cm ³
Curve radius (min) (convex)	3 mm
Hose diameter (rec.) d	2 mm
Dimensions (LxB)	12 x 4
Number of folds	0
Suction cup material	High temperature material HT1

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

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Material hardness [Shore A]	60 Shore A
Weight	2.90 g
Product family	SGON

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface – they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare parts



SA-NIP N020 M5-AG DN180

Part no.: 10.01.01.00312

Thread G1: M5-M
Length L1: 15 mm
Fitting length: 3 mm
Nominal diameter dn: 1.8 mm
Material: Aluminum



SGO 12x4 HT1-60 N020

Part no.: 10.01.05.00428

Dimensions (LxB): 12 x 4
Suction cup material: High temperature material HT1
Material hardness [Shore A]: 60 Shore A
Material property: non-marking

Contact Schmalz

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