

Flat suction cup (oval)

SGON 45x15 HT1-60 G1/4-AG

Part no...:10.01.05.00411

<https://www.schmalz.com/10.01.05.00411>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Oval) > Flat Suction Cups SGON > SGON 45x15 HT1-60 G1/4-AG

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



Dimensions (LxB): 45 x 15

Suction cup material: High temperature material HT1

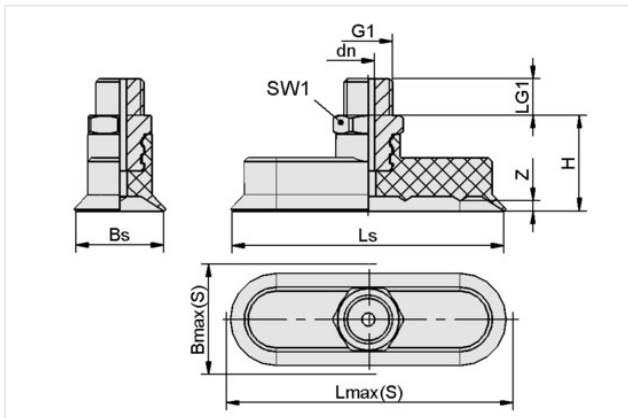
Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Nipple material: Aluminum

Connection: G1/4"-M

Design Data



Attribute	Value
Bmax(S)	16.50 mm
Bs	14.40 mm
dn	3 mm
G1	G1/4"-M
H	26 mm
LG1	10 mm
Lmax(S)	46 mm
Ls	44.40 mm
SW1	17 mm
Z (Stroke)	2 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	28.20 N
Volume	2.31 cm ³
Curve radius (min) (convex)	10 mm
Hose diameter (rec.) d	6 mm
Dimensions (LxB)	45 x 15
Number of folds	0
Suction cup material	High temperature material HT1

Contact Schmalz

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Material hardness [Shore A] 60 Shore A

Weight 14.80 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 N023 G1/4-AG DN350

Part no.:10.01.05.00122

Thread G1: G1/4"-M

Length L1: 25 mm

Fitting length: 5 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum



SA-NIP N023 G1/4-IG DN350

Part no.:10.01.05.00121

Thread G1: G1/4"-F

Length L1: 25 mm

Fitting length: 15 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

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ZOKL 15-18

Part no...:10.07.10.00033

Clamping range: 15.0 ... 18.0 mm

Material: Galvanized steel



SGO 45x15 HT1-60 N023

Part no...:10.01.05.00439

Dimensions (LxB): 45 x 15

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Material property: non-marking



ZOKL 15-18

Part no...:10.07.10.00033

Clamping range: 15.0 ... 18.0 mm

Material: Galvanized steel

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