

Flat suction cup (round)

PFYN 5 HT1-60 M5-IG

Part no.: 10.01.01.11144

<https://www.schmalz.com/10.01.01.11144>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 5 HT1-60 M5-IG

Flat suction cup (round) for smooth or slightly rough surfaces



Size: 5

Suction cup material: High temperature material HT1

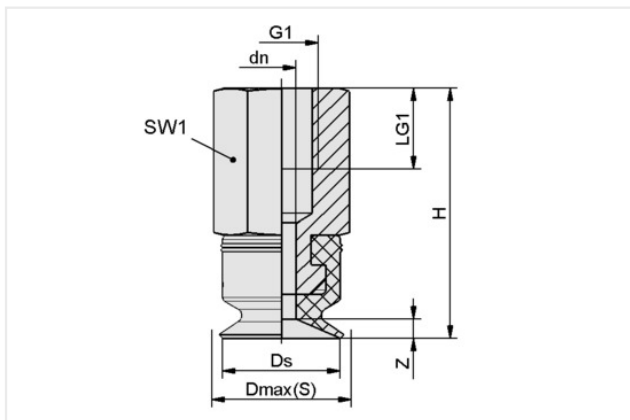
Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Nipple material: Aluminum

Vacuum connection: M5-F

Design Data



Attribute	Value
dn	1.50 mm
Dmax(S)	5.50 mm
Ds	5 mm
G1	M5-F
H	16.50 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	0.90 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	0.75 N
Volume	0.01 cm ³
Curve radius (min) (convex)	7.50 mm
Hose diameter (rec.) d	2 mm
Size	5
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60 Shore A

Contact Schmalz

Schmalz UK Limited | Unit 2 Woodrow Business Centre, Woodrow Way, Irlam, Manchester M44 6NN, Great Britain | +44 161 243 4642 | Page 1 from 2
schmalz@schmalz.co.uk

Flat suction cup (round)

PFYN 5 HT1-60 M5-IG

Part no.:10.01.01.11144

<https://www.schmalz.com/10.01.01.11144>

Weight	1.40 g
Product family	PFYN
Number of folds	0

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat 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 N004 M5-IG DN200

Part no.:10.01.01.03518

Thread G1: M5-F

Length L1: 14 mm

Fitting length: 10 mm

Material: Aluminum



PFG 5 HT1-60 N004

Part no.:10.01.01.11158

Size: 5

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Material property: non-marking

Contact Schmalz

Schmalz UK Limited | Unit 2 Woodrow Business Centre, Woodrow Way, Irlam, Manchester M44 6NN, Great Britain | +44 161 243 4642 | Page 2 from 2
schmalz@schmalz.co.uk