# Flat suction cup (round)

PFYN 5 HT1-60 M5-IG

Part no..:10.01.01.11144

https://www.schmalz.com/10.01.01.11144

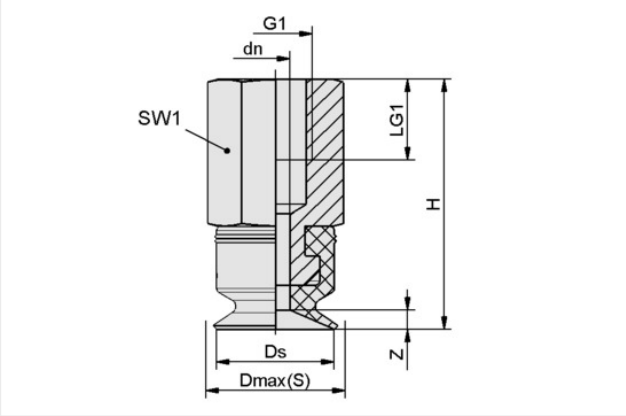
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## Flat suction cup (round) for smooth or slightly rough surfaces



- 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 cm³ |
| 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 |

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Part no..:10.01.01.11144

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| | |
|---|---|
| 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

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