# Flat suction cup (round)

SUF 8 NBR-ESD-55 M5-IG

Part no..:10.01.01.14241

https://www.schmalz.com/10.01.01.14241

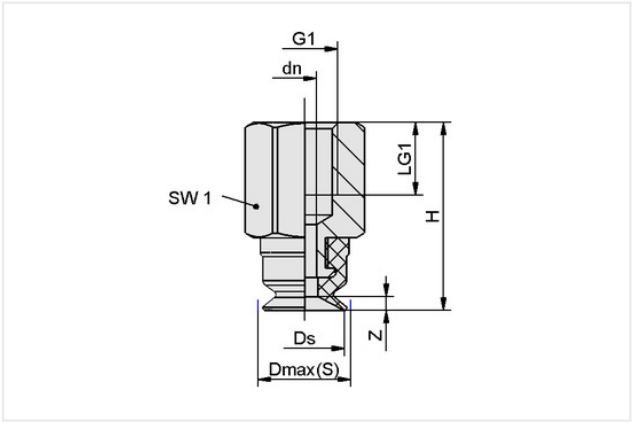
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## Flat suction cup (round) for process safe handling of smooth or slightly rough surfaces




- Size: 8
- Suction cup material: Nitrile rubber NBR-ESD
- Material hardness [Shore A]: 55 Shore A
- Vacuum connection: M5-F

## Design Data




| Attribute | Value |
|---|---|
| Dmax(S) | 8.40 mm |
| Ds | 8 mm |
| dn | 1.80 mm |
| G1 | M5-F |
| H | 14.20 mm |
| LG1 | 5.50 mm |
| SW1 | 8 mm |
| Z (Stroke) | 0.80 mm |

## Technical Data

| Attribute | Value |
|---|---|
| Suction force (-600mbar) | 2.40 N |
| Pull-off force | 2.40 N |
| Volume | 0.04 $cm^3$ |
| Curve radius (min) (convex) | 8 mm |
| Hose diameter (rec.) d | 2 mm |
| Size | 8 |
| Suction cup material | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55 Shore A |

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| | |
|---|---|
| Weight | 1.20 g |
| Product family | SUF |
| 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



**SC 020 M5-IG**

Part no..:10.01.06.04306

| |
|---|
| Connection geometry: 020 |
| Vacuum connection: M5-F |
| Fitting length: 8.7 mm |
| Nominal diameter dn: 1.8 mm |




**SUF 8 NBR-ESD-55 SC020**

Part no..:10.01.01.14026

| |
|---|
| Size: 8 |
| Suction cup material: Nitrile rubber NBR-ESD |
| Material hardness [Shore A]: 55 Shore A |