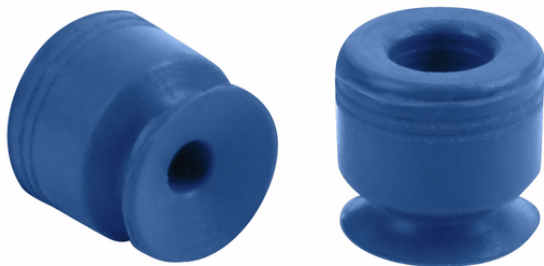


Flat suction cup (round)

PFG 3.5 HT1-60 N003

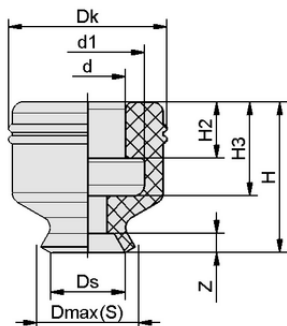
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PFG 3.5 HT1-60 N003

Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	3.50



Design data

Attribute	Value
Height H2	1.50 mm
Height H	4.00 mm
Head diameter Dk	4.2 mm
Internal diameter d1	3.0 mm
Internal diameter d	2.00 mm
Spring stroke Z	0.5 mm
Diameter Ds	3.5 mm
Height H3	2.50 mm
Diameter Dmax(S)	4.0 mm

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

Design data PFG 3.5 HT1-60 N003



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**Technical data**

Attribute	Value
Nipple family	N 003
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Workpiece radius min. (convex)	7.5 mm
Suction force (-600mbar)	0.42 N
Volume	0.015 cm ³
Size	3.50
Product family	PFG

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.01.12981

**Ordering Data Accessories 10.01.01.12981**

Typ	Item number
Suction cup connection nipple	SA-NIP N003 M3-AG DN100
	10.01.01.00316

