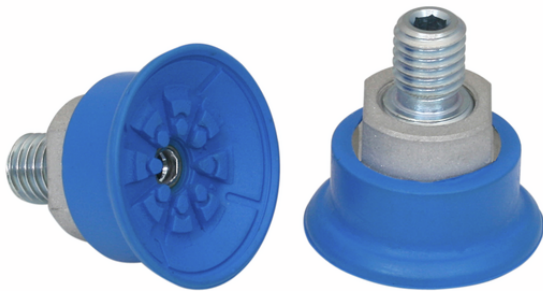


Flat suction cup (round)

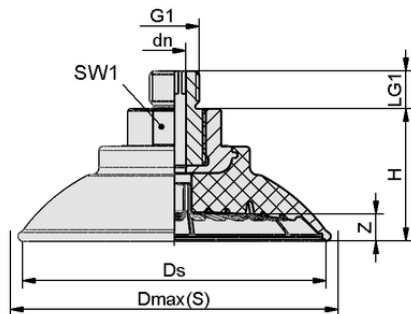
SAF 30 NBR-45 M10-AG

Art.-Nr.: 10.01.01.11425



SAF 30 NBR-45 M10-AG

Suction cup SAF, available in various diameters, is delivered with connection nipple vulcanized to elastomer part.



Design data SAF 30 NBR-45 M10-AG

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45.0 Shore A
Size	30.00
Connection	M10-AG
Nipple material	Steel

Design data

Attribute	Value
Height H	20.00 mm
Nominal diameter dn	4.00 mm
Thread G1	M10-M
Thread length LG1	12.0 mm
Key width SW1	17.0 mm
Spring stroke Z	3.0 mm
Diameter Ds	31.0 mm
Diameter Dmax(S)	34.0 mm

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



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Art.-Nr.: 10.01.01.11425

**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	45.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	40.0 mm
Suction force (-600mbar)	38.00 N
Weight	25.5 g
Lateral force	30.0 N
Lateral force oily surface	28.0 N
Volume	1.700 cm ³
Size	30.00
Number of folds	0.0
Product family	SAF

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and even workpiece surface - they do not include a safety factor Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values Hose 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/10.01.01.11425

**Ordering Data Accessories 10.01.01.11425**

Typ	Item number
Suction cup cover	SU 30
	10.01.01.12889

