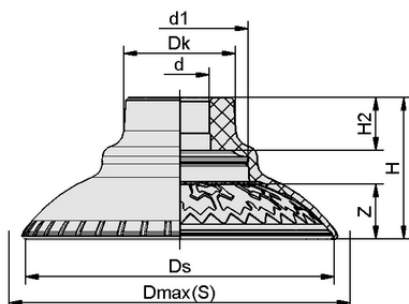




SAXM 20 ED-85 SC045

Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Size	20.00



Design data

Attribute	Value
Height H2	7.00 mm
Height H	16.70 mm
Head diameter Dk	19.5 mm
Internal diameter d1	15.3 mm
Internal diameter d	9.70 mm
Spring stroke Z	3.0 mm
Diameter Ds	21.8 mm
Diameter Dmax(S)	26.0 mm

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

Design data SAXM 20 ED-85 SC045

Art.-Nr.: 10.01.19.00003

**Technical data**

Attribute	Value
Nipple family	SC 045
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Hose inner diameter (recom.) d	5.0 mm
Workpiece radius min. (convex)	20.0 mm
Suction force (-600mbar)	20.00 N
Weight	2.8 g
Lateral force	15.0 N
Lateral force oily surface	20.0 N
Volume	2.688 cm ³
Size	20.00
Number of folds	0.0
Product family	SAXM

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/10.01.19.00003

**Ordering Data Accessories 10.01.19.00003**

Typ		Item number
Schmalz-Connector-Adapter	SC-A 045 G1/4-AG L	10.01.06.02818
Schmalz-Connector-Adapter	SC-A 045 G1/4-IG L	10.01.06.02736
Schmalz-Connector-Adapter	SC-A 045 G3/8-AG L	10.01.06.02807
Schmalz-Connector-Adapter	SC-A 045 G3/8-IG L	10.01.06.02737
Schmalz-Connector-Adapter	SC-A 045 M10-AG L	10.01.06.02819
Schmalz-Connector-Adapter	SC-A 045 M12-AG L	10.01.06.03253
Schmalz-Connector-Adapter	SC-A 045 M12x1.5-AG L	10.01.06.03185
Schmalz-Connector-Adapter	SC-A 045 M14x1-IG L	10.01.06.03382
Schmalz-Connector-Adapter	SC-A 045 M14x1.5-AG L	10.01.06.02820
Schmalz-Connector-Adapter	SC-A 045 M16-AG L	10.01.06.03299
Schmalz-Connector-Adapter	SC-A 045 M16x1.5-AG L	10.01.06.03186
Schmalz-Connector-Adapter	SC-A 045 RA L	10.01.06.02813
Schmalz-Connector-Screw	SC-S 045 FDC-L	10.01.06.02803

