

Art.-Nr.: 10.01.06.02782



SPB1 10 ED-65 SC030

Suction cup SPB1 (elastomer part + connection element) is delivered assembled. As an alternative the individual parts can also be ordered separately. To do this, the following ordering steps are required:

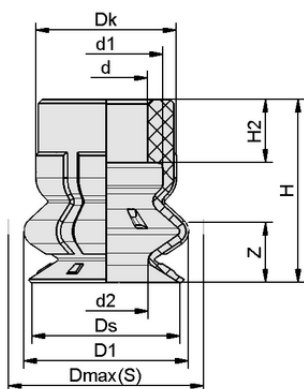
- Suction cup of type SPB1 (step 1) – elastomer part, available in various diameters
- Connection element of type SC (step 2) – available with various threads

Available accessories: filter screen, suction cup insert

Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	10.00
Number of folds	1.5

Design data



Attribute	Value
Height H2	4.20 mm
Height H	12.10 mm
Outside diameter D1	11.0 mm
Head diameter Dk	9.4 mm
Internal diameter d1	7.5 mm
d2	5.6 mm
Internal diameter d	5.50 mm
Spring stroke Z	4.0 mm
Diameter Ds	9.8 mm
Diameter Dmax(S)	11.3 mm

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

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**Technical data**

Attribute	Value
Nipple family	SC 030
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Workpiece radius min. (convex)	5.0 mm
Pull-off force	4.00 N
Suction force (-600mbar)	1.50 N
Weight	0.4 g
Lateral force	2.0 N
Volume	0.454 cm ³
Size	10.00
Number of folds	1.5
Product family	SPB1

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/10.01.06.02782

**Ordering Data Accessories 10.01.06.02782**

Typ		Item number
Schmalz-Connector	SC 030 M5-AG	10.01.06.02802
Schmalz Pad Insert PA	SPI 8 PA SPB1-10	10.01.06.03710

