



SPF 10 ED-65 M5-AG

Technical data

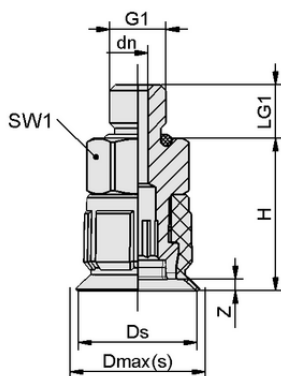
Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	65.0 Shore A
Size	10.00
Thread G1	M5-M

Suction cup SPF (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPF – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPF, Schmalz-Connector

Available accessories: filter screen (sieve, round)



Design data SPF 10 ED-65 M5-AG

Design data

Attribute	Value
Height H	13.50 mm
Nominal diameter dn	1.80 mm
Thread G1	M5-M
Thread length LG1	4.7 mm
Key width SW1	8.0 mm
Spring stroke Z	1.0 mm
Diameter Ds	10.5 mm
Diameter Dmax(S)	12.0 mm

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

Art.-Nr.: 10.01.01.13237

**Technical data**

Attribute	Value
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)	8.0 mm
Pull-off force	5.20 N
Suction force (-600mbar)	4.40 N
Weight	1.0 g
Lateral force	3.5 N
Volume	0.297 cm ³
Size	10.00
Number of folds	0.0
Product family	SPF

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/10.01.01.13237

**Ordering Data Spare Parts 10.01.01.13237**

Typ	Item number
Schmalz-Connector	SC 030 M5-AG 10.01.06.02802

**Ordering Data Wear Parts 10.01.01.13237**

Typ	Item number
Flat suction cup (round)	SPF 10 ED-65 SC030 10.01.01.12894

