

Art.-Nr.: 10.01.01.00551

**Technical data**

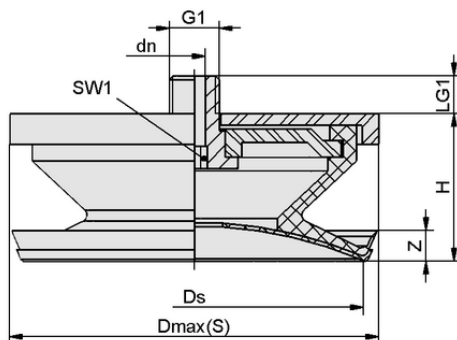
Attribute	Value
Suction cup material	Fluorine rubber FPM-F
Material hardness [Shore A]	65.0 Shore A
Size	90.00
Working temperature max.	350.0 °C
Connection	G1/4-AG

SPL-HT 90 FPM-F-65 G1/4-AG

Suction plate SPL-HT FPM-F (elastomer part + mounting) is delivered assembled. The product consists of:

- Suction plate of type SPL-HT FPM-F – available in various diameters
- Mounting – available with various threads

Available spare parts: suction plate SPL-HT FPM-F

**Design data**

Attribute	Value
Height H	39.00 mm
Nominal diameter dn	6.00 mm
Thread G1	G1/4"-M
Thread length LG1	11.0 mm
Key width SW1	6.0 mm
Spring stroke Z	16.5 mm
Diameter Ds	90.0 mm
Diameter Dmax(S)	98.0 mm

Design data SPL-HT 90 FPM-F-65 G1/4-AG



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**Technical data**

Attribute	Value
Suction cup material	Fluorine rubber FPM-F
Workpiece radius min. (convex)	250.0 mm
Suction force (-600mbar)	230.00 N
Weight	225.0 g
Volume	91.100 cm ³
Required suction capacity for pu = -0.6 bar	12.0 l/min
Size	90.00
Number of folds	0.0
Working temperature max.	350.0 °C
Product family	SPL-HT

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/10.01.01.00551

**Ordering Data Spare Parts 10.01.01.00551**

Typ	Item number
Suction plate (round)	SPL-HT 90 FPM-F-65 10.01.01.00553

**Ordering Data Wear Parts 10.01.01.00551**

Typ	Item number
Suction plate (round)	SPL-HT 90 FPM-F-65 10.01.01.00553

