

# Suction plate (round)

## SGF 125 HT1-60 G1/4-IG

<https://www.schmalz.com/10.01.01.12892>



Part no.: 10.01.01.12892

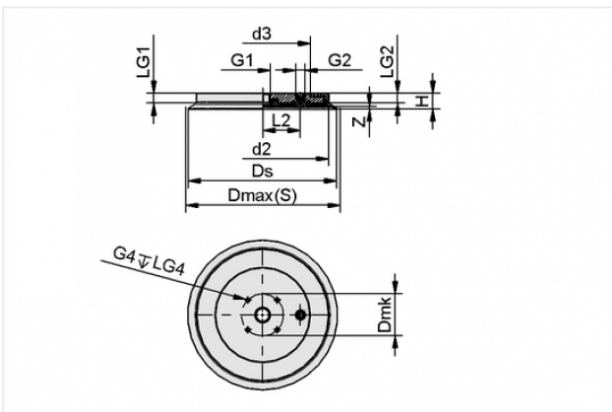
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### Flat suction cup (round) for highly dynamic handling of glass



Size: 125  
 Suction cup material:  
 High temp material HT1  
 Material hardness: 60 °Sh  
 Connection: G1/4-F

### Design Data



Attribute	Value
d2	100 mm
d3	70 mm
Dmax(S)	130 mm
Ds	123 mm
G1	G1/4"-F
G2	G1/4"-F
H	21.4 mm
L2	26.5 mm
LG1	14 mm
LG2	14 mm
Z	3 mm
D mk	58.3 mm
G4	M6-F

### Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

Attribute	Value
LG4	10.5 mm

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## Technical Data

Attribute	Value
Suction force	730 N
Suction force d2	470 N
Volume	43.784 cm <sup>3</sup>
Curve radius (min) (convex)	1500 mm
Internal hose diameter (recom.)	9 mm
Size	125
Number of folds	0
Suction cup material	High temp material HT1
Material hardness	60 °Sh
Weight	300 g
Product family	SGF

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## Spare Parts

### Contact to Schmalz

**VRS-S G1/4-AG**

Part no. 10.08.06.00048  
Sealing screw without collar  
Thread 1: G1/4-M  
Material: Brass  
Surface: nickel plated

**DR-SGF 125 HT1-60**

Part no. 10.01.01.12890  
Rubber Seal for SGF suction cup  
Size: 125  
Suction cup material:  
High temp material HT1  
Material hardness: 60 °Sh

**Accessories****TV G1/4-AG 13**

Part no. 10.05.10.00061  
Touch valve for deactivation of unused suction cups or  
vacuum blocks  
Thread G1: G1/4-M  
Spring stroke Z: 13 mm



**SIEB 19.5x1 MS 100**

Part no. 10.07.01.00215

Screen

External diameter D: 19.5 mm

Length L: 1 mm

Material: Brass

Filter pore size: 100 µm



**PC 125**

Part no. 10.01.01.13086

Cover for suction cup

Size: 125



**SU 120**

Part no. 10.01.01.12437

Cover for suction cup

Size: 120

Clamping range: 115.0 ... 130.0 mm

Temperature resistance: 80 °C