Spring plunger

FSTIm M5-IG 6/4 A 20 VG-IN

Part no..:10.01.02.01293

https://www.schmalz.com/10.01.02.01293

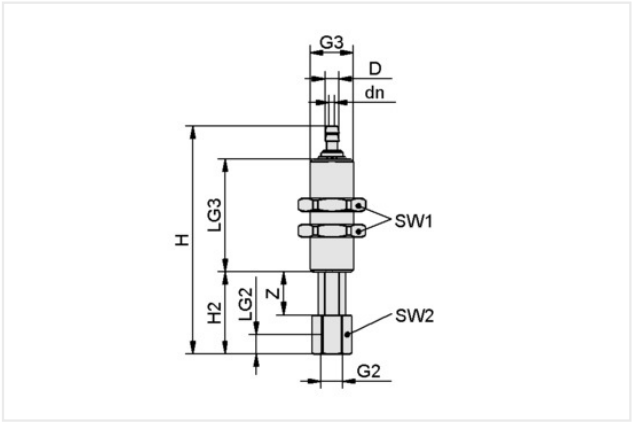
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Spring plunger with internal damping spring and height compensation



- Suction cup connection: M5-F
- Vacuum connection: Hose 6/4
- Shape: Axial vacuum guide
- Spring stroke Z: 20 mm
- Shape mounting elements: rotation lock/insulating

Design Data



Attribute	Value
dn	2 mm
G2	M5-F
G3	M10x1-M
H	79.70 mm
H2	29 mm
LG2	4.50 mm
LG3	41 mm
SW1	14 mm
SW2	8 mm
Z (Stroke)	20 mm

Recommendation: Avoid maximum plunger stroke Z during continuous operation to extend service life Ensure that the hose guide is free from distortion

Technical Data

Attribute	Value
Shape mounting elements	rotation lock/insulating
Spring rate	0.05 N/mm
Spring pretension	0.50 N
Spring force, center	1.02 N
Vertical load	15 N
Horizontal load	10 N

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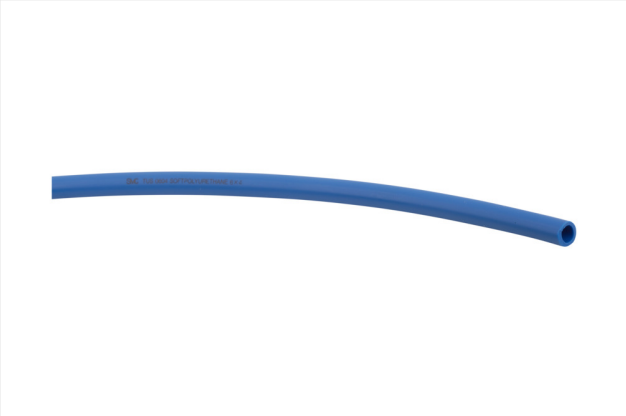
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Weight	21 g
Operating temperature	0 ... 80 °C
Product family	FSTIm

Note: Spring force: Referred to 50 % of operating stroke Vertical loading: Maximum static loading Horizontal load: The specification of the horizontal load refers to the lower edge of the plunger with extended spring. It is a maximum static stress and it impairs the spring compression and extensionin horizontal position.

Accessories



VSL 6-4 PU BL SO

Part no..:10.07.09.00141



HTR-STA 47 1N D10/16 FL

Part no..:10.08.03.00085

Length L: 47 mm
Connection 1: Sliding block
Connection of suction cup, spring plunger: Contour D10 and D16
Shape: flat

Spring plunger

FSTIm M5-IG 6/4 A 20 VG-IN

Part no..:10.01.02.01293

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HTR-STS 30x30 D10/16 WI

Part no..:10.08.03.00088

Connection 1: 30x30
Connection of suction cup, spring plunger: Contour D10 and D16
Shape: angled



HTR-STS 40x40 D10/16 WI

Part no..:10.08.03.00089

Connection 1: 40x40
Connection of suction cup, spring plunger: Contour D10 and D16
Shape: angled