

Spring plunger

FSTIm N004 4/2.5 A 5 VG

<https://www.schmalz.com/10.01.02.01275>



Part no.: 10.01.02.01275

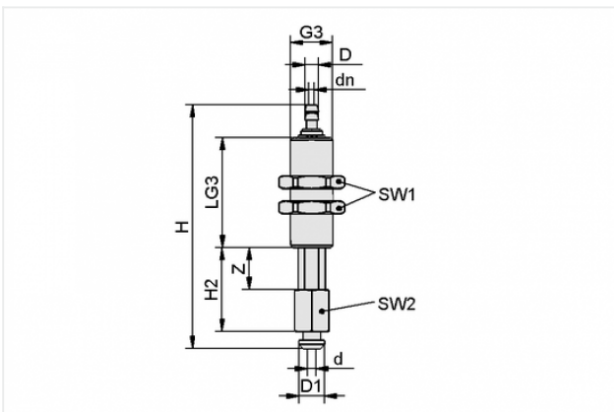
Homepage > Vacuum Technology for Automation > Vacuum Components > Mounting Elements > Spring plungers > Spring Plungers FSTIm > FSTIm N004 4/2.5 A 5 VG

Spring plunger with internal damping spring and height compensation



Nipple: N 004
Vacuum connection: Hose 4/2.5
Shape: n.d.
Spring stroke Z: 5 mm
Shape: With rotation lock

Design Data



Attribute	Value
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d	2 mm
dn	1.3 mm
D	2.5 mm
D1	6 mm
G3	M10x1-M
H	45.7 mm
H2	15 mm
LG3	19 mm
SW1	14 mm
SW2	8 mm
Z	5 mm

Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 | customercenter@schmalz.de

Technical Data

Attribute	Value
Shape	With rotation lock
Spring rate	0.055 N/mm
Spring pretension	0.5 N
Spring force, centre	0.64 N
Vertical load	15 N
Horizontal load	1.5 N
Nipple	N 004
Weight	12 g
Ambient temperature	0 ... 80 °C

Note:

- Spring force: Referred to 50 % of operating stroke
- Vertical load: 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 extension in horizontal position.

Accessories



VSL 4-2.5 PU SO

Part no. 10.07.09.00142

Hose for vacuum and compressed-air systems

External diameter D: 4 mm

Internal diameter d: 2.5 mm

Length (max): 50 m

Material: PU

Installation radius (min): 8 mm

Colour: blue

Pressure range (operating pressure):

0.00 ... 6.00 bar

Ambient temperature: -25 ... 60 °C

SO: Hose in soft design

Contact to Schmalz



HTR-STA 47 1N D10/16 FL

Part no. 10.08.03.00085

Holder for flexible mounting of suction cups/spring plungers on sections

Length L: 47 mm

Cross-beam connection: Sliding block

Suction cup or spring plunger conn.:

Contour D10 and D16

Shape: flat



HTR-STS 30x30 D10/16 WI

Part no. 10.08.03.00088

Holder for flexible mounting of suction cups/spring plungers on square tubes

Cross-beam connection: 30x30

Suction cup or spring plunger conn.:

Contour D10 and D16

Shape: angled



HTR-STS 40x40 D10/16 WI

Part no. 10.08.03.00089

Holder for flexible mounting of suction cups/spring plungers on square tubes

Cross-beam connection: 40x40

Suction cup or spring plunger conn.:

Contour D10 and D16

Shape: angled