

Spring plunger

FSTIm M3-IG M5-IG A 5 VG-IN

Part no.:10.01.02.01487

<https://www.schmalz.com/10.01.02.01487>

Homepage > Vacuum Technology for Automation > Vacuum Components > Mounting Elements > Spring plunger > Spring Plungers FSTIm >

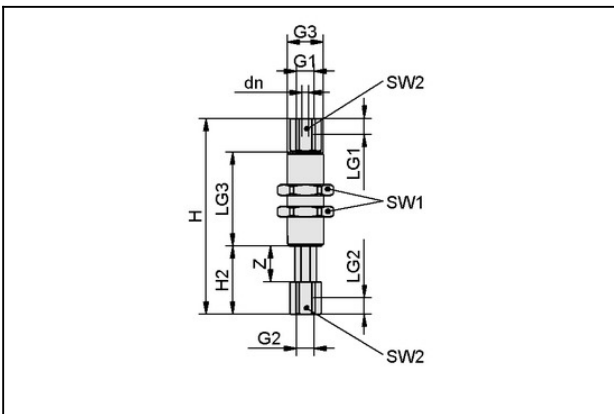
FSTIm M3-IG M5-IG A 5 VG-IN

Spring plunger with internal damping spring and height compensation



Suction cup connection: M3-F
 Vacuum connection: M5-F
 Shape: n.d.
 Spring stroke Z: 5 mm
 Shape: rotation lock/insulating

Design Data



| Attribute | Value |
|------------|---------|
| dn | 2 mm |
| G1 | M5-IG |
| G2 | M3-F |
| G3 | M10x1-M |
| H | 42.4 mm |
| H2 | 14 mm |
| LG1 | 4.5 mm |
| LG2 | 3 mm |
| LG3 | 19 mm |
| SW1 | 14 mm |
| SW2 | 8 mm |
| Z (Stroke) | 5 mm |

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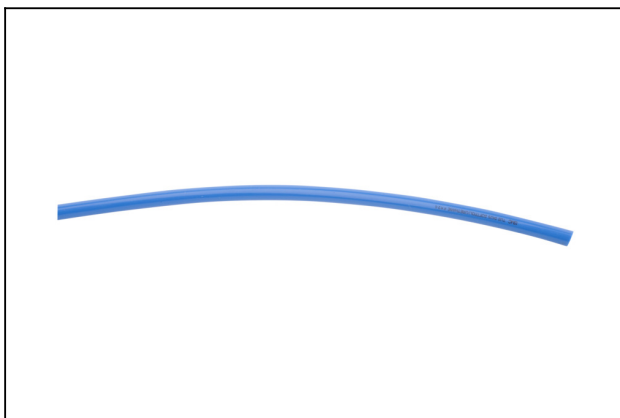


Technical Data

| Attribute | Value |
|-----------------------|-------------|
| Spring rate | 0.055 N/mm |
| Spring pretension | 0.5 N |
| Spring force, center | 0.64 N |
| Vertical load | 15 N |
| Horizontal load | 10 N |
| Weight | 17.5 g |
| Operating 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):

-0.84 ... 6.00 bar

Ambient temperature: -25 ... 60 °C

SO: Hose in soft design

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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-ST3 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-ST3 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

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