

Spring plunger

FSTIm M3-IG M5-IG A 5 IN

Part no.:10.01.02.01488

<https://www.schmalz.com/10.01.02.01488>



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Spring plunger with internal damping spring and height compensation



Suction cup connection: M3-F

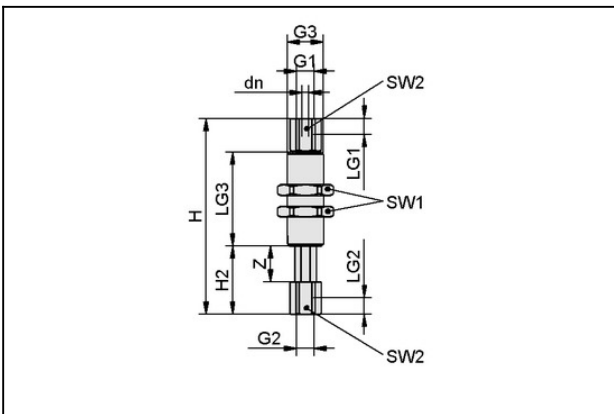
Vacuum connection: M5-F

Shape: n.d.

Spring stroke Z: 5 mm

Shape: insulating

Design Data



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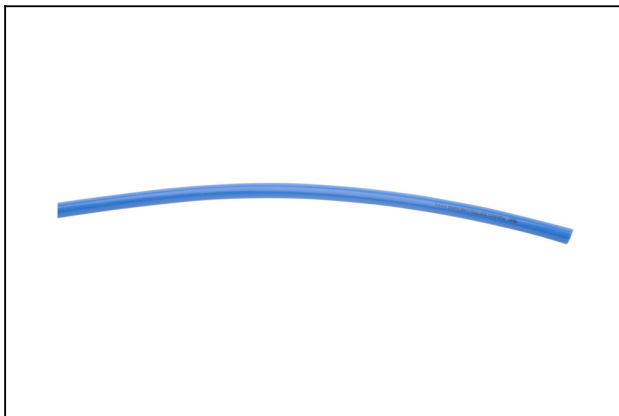


Technical Data

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

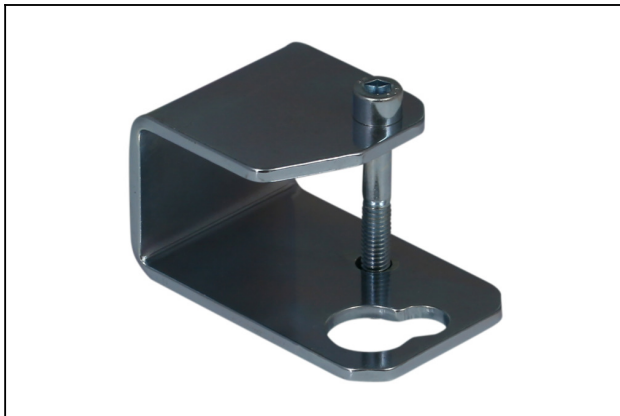
Length L: 47 mm

Cross-beam connection: Sliding block

Suction cup or spring plunger conn.:

Contour D10 and D16

Shape: flat



HTR-STs 30x30 D10/16 Wl

Part no.10.08.03.00088

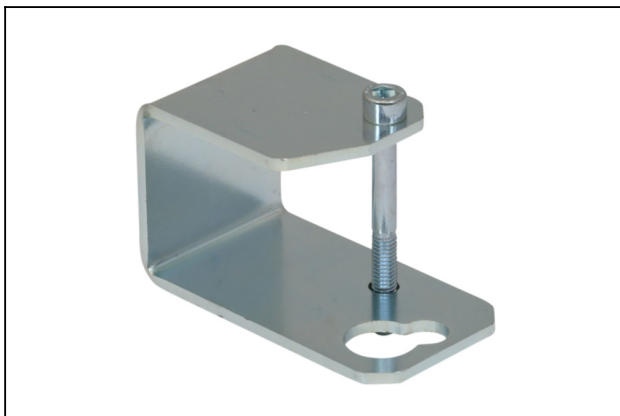
Holder for flexible mounting of suction cups/spring plungers on square tubes

Cross-beam connection: 30x30

Suction cup or spring plunger conn.:

Contour D10 and D16

Shape: angled



HTR-STs 40x40 D10/16 Wl

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