

Spring plunger

FSTE M5-IG 5 VG

<https://www.schmalz.com/10.01.02.00610>



Part no.: 10.01.02.00610

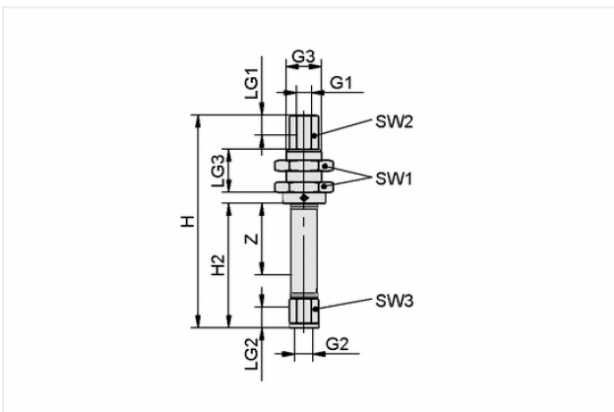
Homepage > Vacuum Technology for Automation > Vacuum Components > Mounting Elements > Spring plungers > Spring Plungers FSTE > FSTE M5-IG 5 VG

Spring plunger with damping and height compensation



Suction cup connection: M5-F
 Vacuum connection: M5-F
 Spring stroke Z: 5 mm
 Shape: With rotation lock

Design Data



Attribute	Value
G1	M5-F
G2	M5-F
G3	G1/8"-M
H	41.2 mm
H2	17 mm
LG1	5.5 mm
LG2	6.2 mm
LG3	12 mm
SW1	14 mm
SW2	7 mm
SW3	7 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	0.508 N/mm
Spring pretension	3.3 N
Spring force, centre	4.57 N
Vertical load	1500 N
Horizontal load	132 N
Weight	16 g
Ambient temperature	0 ... 80 °C

Note:

- Spring force: Referred to 50% of operating stroke
- Static loading: Maximum static loading
- Horizontal stress: The specification of the horizontal stress 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



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



ST M5-AG 4 MS-V

Part no. 10.08.03.00152

Hose sleeve

Thread 1: M5-M

Internal hose diameter: 4 mm

Material: Brass

Surface: nickel plated



STV-GE M5-AG 4

Part no. 10.08.02.00200

Screw plug connection, straight

Thread G1: M5-M

External hose diameter: 4 mm

Material: Brass

Surface: nickel plated

Ambient temperature: -20 ... 80 °C



STV-GE M5-AG 6

Part no. 10.08.02.00201

Screw plug connection, straight

Thread G1: M5-M

External hose diameter: 6 mm

Material: Brass

Surface: nickel plated

Ambient temperature: -20 ... 80 °C



STV-W M5-AG 4

Part no. 10.08.02.00155

Screw plug connection, swivelling elbow

Thread G1: M5-M

External hose diameter: 4 mm

Material: Brass, nickel-plated

Ambient temperature: -20 ... 80 °C

**STV-W M5-AG 6**

Part no. 10.08.02.00235

Screw plug connection, swivelling elbow

Thread G1: M5-M

External hose diameter: 6 mm

Material: Brass, nickel-plated

Ambient temperature: -20 ... 80 °C

**STV-GE M5-AG 6 HT**

Part no. 10.08.02.00396

Screw plug connection, straight

Thread G1: M5-M

External hose diameter: 6 mm

Material: Brass

Surface: nickel plated

Ambient temperature: -50 ... 200 °C

Type: HT

**STV-W M5-AG 6**

Part no. 10.08.02.00296

Screw plug connection, swivelling elbow

Thread G1: M5-M

External hose diameter: 6 mm

Material: Plastic



STV-W M5-AG 6 HT

Part no. 10.08.02.00397

Screw plug connection, swivelling elbow

Thread G1: M5-M

External hose diameter: 6 mm

Material: Brass

Surface: nickel plated

Ambient temperature: -50 ... 200 °C

Type: HT



STV-WF M5-AG 4

Part no. 10.08.02.00165

Screw plug connection, swivelling and lockable

Thread G1: M5-M

External hose diameter: 4 mm

Material: Brass, nickel-plated



STV-T M5-AG 4

Part no. 10.09.02.00038

Screw plug connection, T

Thread 1: M5-M

External hose diameter: 4 mm

Length: 34 mm

Material: Brass

Surface: nickel plated