

Spring plunger

FSTE M5-IG 5

<https://www.schmalz.com/10.01.02.00607>



Part no.: 10.01.02.00607

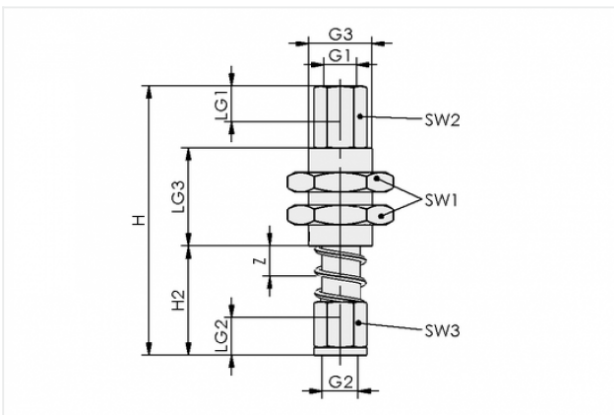
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Spring plunger with damping and height compensation



Suction cup connection: M5-F
 Vacuum connection: M5-F
 Spring stroke Z: 5 mm

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 | 15 mm |
| SW1 | 14 mm |
| SW2 | 7 mm |
| SW3 | 7 mm |
| Z | 5 mm |

Contact to Schmalz

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Technical Data

| Attribute | Value |
|----------------------|-------------|
| 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