

Spring plunger

FSTE M5-IG 5 VG

Part no.: 10.01.02.00610

<https://www.schmalz.co.jp/10.01.02.00610>

Home > 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



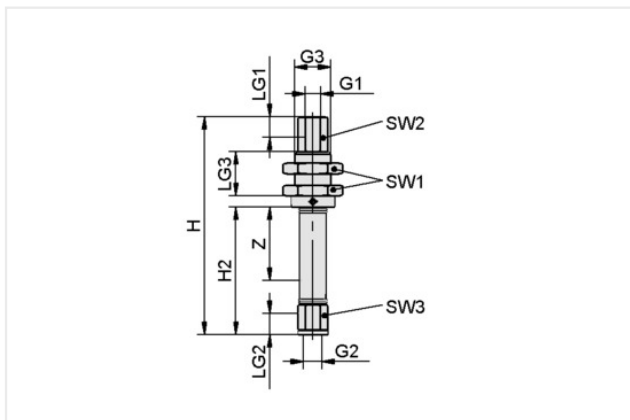
Suction cup connection: M5-F

Vacuum connection: M5-F

Spring stroke Z: 5 mm

Shape mounting elements: with anti-rotation guard

Design Data



Attribute	Value
G1	M5-F
G2	M5-F
G3	G1/8"-M
H	41.20 mm
H2	17 mm
LG1	5.50 mm
LG2	6.20 mm
LG3	12 mm
SW1	14 mm
SW2	7 mm
SW3	7 mm
Z (Stroke)	5 mm

Technical Data

Attribute	Value
Spring rate	0.51 N/mm
Spring pretension	3.30 N
Spring force, center	4.57 N
Vertical load	1500 N
Horizontal load	132 N
Weight	16 g

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

Spring plunger

FSTE M5-IG 5 VG

Part no.: 10.01.02.00610

<https://www.schmalz.co.jp/10.01.02.00610>

Operating temperature	0 ... 80 ° C
Product family	FSTE

Note: Spring force: Referred to 50 % of operating stroke Vertical 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

Length L: 47 mm

Connection 1: Sliding block

Connection of suction cup, spring plunger: Contour D10 and D16

Shape: flat



HTR-STs 30x30 D10/16 Wl

Part no.: 10.08.03.00088

Connection 1: 30x30

Connection of suction cup, spring plunger: Contour D10 and D16

Shape: angled

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

Spring plunger

FSTE M5-IG 5 VG

Part no.: 10.01.02.00610

<https://www.schmalz.co.jp/10.01.02.00610>



HTR-ST5 40x40 D10/16 WI

Part no.: 10.08.03.00089

Connection 1: 40x40

Connection of suction cup, spring plunger: Contour D10 and D16

Shape: angled



ST M5-AG 4 MS-V

Part no.: 10.08.03.00152

Thread G1: M5-M

Hose diameter (rec.) d: 4 mm

Material: Brass

Surface: nickel plated

Length L: 3.3 mm

Nominal diameter dn: 2.2 mm



STV-GE M5-AG 4

Part no.: 10.08.02.00200

Thread G1: M5-M

Hose diameter: 4 mm

Material: Brass

Operating temperature: -20 ... 80 ° C

External diameter D: 7.9 mm

Length L: 15 mm

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

Spring plunger

FSTE M5-IG 5 VG

Part no.: 10.01.02.00610

<https://www.schmalz.co.jp/10.01.02.00610>



STV-GE M5-AG 6

Part no.: 10.08.02.00201

Thread G1: M5-M

Hose diameter: 6 mm

Material: Brass

Operating temperature: -20 ... 80 ° C

External diameter D: 9.9 mm

Length L: 18.8 mm



STV-T M5-AG 4

Part no.: 10.09.02.00038

Thread G1: M5-M

Hose diameter: 4 mm

Material: Brass

Operating temperature: ° C

Length L: 34 mm



STV-W M5-AG 4

Part no.: 10.08.02.00155

Thread G1: M5-M

Hose diameter: 4 mm

Material: Nickel plated

Operating temperature: -20 ... 80 ° C

Length L: 16.4 mm

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

Spring plunger

FSTE M5-IG 5 VG

Part no.: 10.01.02.00610

<https://www.schmalz.co.jp/10.01.02.00610>



STV-W M5-AG 6

Part no.: 10.08.02.00296

Pressure range (operating pressure): bar

Length L: 20.8 mm

Height H: 13 mm

Thread G1: M5-M



STV-W M5-AG 6

Part no.: 10.08.02.00235

Thread G1: M5-M

Hose diameter: 6 mm

Material: Nickel plated

Operating temperature: -20 ... 80 ° C

Length L: 19.7 mm



STV-W M5-AG 6 HT

Part no.: 10.08.02.00397

Thread G1: M5-M

Hose diameter: 6 mm

Material: Brass

Operating temperature: -50 ... 200 ° C

Length L: 22.5 mm

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

Spring plunger

FSTE M5-IG 5 VG

Part no.: 10.01.02.00610

<https://www.schmalz.co.jp/10.01.02.00610>



STV-WF M5-AG 4

Part no.: 10.08.02.00165

Thread G1: M5-M

Hose diameter: 4 mm

Material: Nickel plated

Operating temperature: -10 ... 70 ° C

Length L: 16.5 mm

Spare parts



DRUCK-FED 0.5x7.1 15 0.508

Part no.: 20.08.02.00052

Length L: 15 mm

Spring rate: 0.508 N/mm