Spring plunger

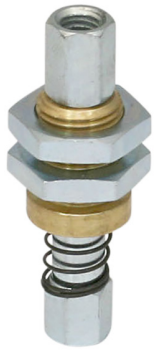
FSTE M5-IG 5 VG

Part no..:10.01.02.00610

https://www.schmalz.com/10.01.02.00610

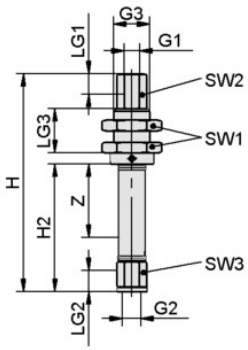
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Spring plunger with damping and height compensation



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

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Spring plunger

FSTE M5-IG 5 VG

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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 WI

Part no..:10.08.03.00088

Connection 1: 30x30
Connection of suction cup, spring plunger: Contour D10 and D16
Shape: angled

Contact Schmalz

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Spring plunger

FSTE M5-IG 5 VG

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HTR-STS 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

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Spring plunger

FSTE M5-IG 5 VG

Part no..:10.01.02.00610

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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

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Spring plunger

FSTE M5-IG 5 VG

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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

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Spring plunger

FSTE M5-IG 5 VG

Part no..:10.01.02.00610

https://www.schmalz.com/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

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