

Spring plunger
FSTE M5-IG 20 VG



Art.-Nr.: 10.01.02.00612

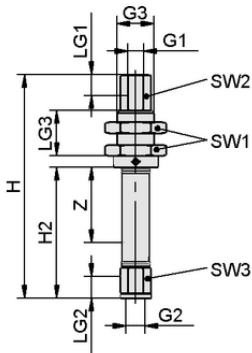


FSTE M5-IG 20 VG

Spring plunger FSTE is delivered as a ready-to-connect product.

Technical data

Attribute	Value
Shape mounting elements	with anti-rotation guard
Spring stroke Z	20.0 mm
Suction cup connection	M5-F
Vacuum connection	M5-F
Tightening torque (max)	8.0 Nm



Design data FSTE M5-IG 20 VG

Design data

Attribute	Value
Height H2	35.00 mm
Height H	59.20 mm
Thread G1	M5-F
Thread length LG1	5.5 mm
Thread G2	M5-F
Thread length LG2	6.2 mm
Thread length LG3	12.0 mm
Key width SW1	14.0 mm
Spanner size SW2	7.0 mm
Spring stroke Z	20.0 mm



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**Technical data**

Attribute	Value
Spring force center	3.87 N
Spring rate	0.209 N/mm
Spring pretension	1.78 N
Horizontal load	63.0 N
Vertical load	1,500.0 N
Weight	25.0 g
Operating temperature	0 ... 80 °C
Product family	FSTE
Tightening torque (max)	8.0 Nm

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

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.02.00612

**Ordering Data Accessories 10.01.02.00612**

Typ		Item number
Cross-beam connection	HTR-STA 47 1N D10/16 FL	10.08.03.00085
Cross-beam connection	HTR-ST5 30x30 D10/16 WI	10.08.03.00088
Cross-beam connection	HTR-ST5 40x40 D10/16 WI	10.08.03.00089
Hose sleeve	ST M5-AG 4 M5-V	10.08.03.00152
Plug union, straight	STV-GE M5-AG 4	10.08.02.00200
Plug union, straight	STV-GE M5-AG 6	10.08.02.00201
Plug union, T	STV-T M5-AG 4	10.09.02.00038
Plug union, elbow	STV-W M5-AG 4	10.08.02.00155
Plug union, elbow	STV-W M5-AG 6	10.08.02.00235
Plug union, elbow	STV-W M5-AG 6	10.08.02.00296
Plug union, elbow	STV-W M5-AG 6 HT	10.08.02.00397
Plug union, elbow	STV-WF M5-AG 4	10.08.02.00165

**Ordering Data Spare Parts 10.01.02.00612**

Typ		Item number
Pressure spring	DRUCK-FED 0.5x7.1 35 0.209	20.08.02.00054

