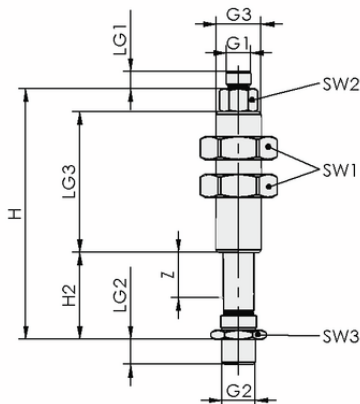


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FSTI G1/4-AG G1/8-AG 50 VG

The spring plunger FSTI is delivered as a ready-to-connect product.



Design data FSTI G1/4-AG G1/8-AG 50 VG

Technical data

Attribute	Value
Shape mounting elements	with anti-rotation guard
Spring stroke Z	50.0 mm
Suction cup connection	G1/4"-M
Vacuum connection	G1/8"-M
Tightening torque (max)	40.0 Nm

Design data

Attribute	Value
Height H2	59.00 mm
Height H	163.00 mm
Thread G1	G1/8"-M
Thread length LG1	6.5 mm
Thread G2	G1/4"-M
Thread length LG2	8.0 mm
Thread length LG3	91.0 mm
Key width SW1	27.0 mm
Spanner size SW2	13.0 mm
Spring stroke Z	50.0 mm

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**Technical data**

Attribute	Value
Spring force center	4.70 N
Spring rate	0.097 N/mm
Spring pretension	2.30 N
Horizontal load	500.0 N
Vertical load	1,000.0 N
Weight	230.0 g
Operating temperature	0 ... 80 °C
Product family	FSTI
Tightening torque (max)	40.0 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/10.01.02.00993

**Ordering Data Accessories 10.01.02.00993**

Typ		Item number
Flexolink	FLK G1/4-IG G1/4-AG	10.01.03.00178
Flexolink	FLK G1/4-IG M10x1.25-AG	10.01.03.00206
Spring-plunger holder	HTR-FST A2 FSTI	10.01.03.06134
Spring-plunger holder	HTR-FST A3 FSTI	10.01.03.06136
Spring-plunger holder	HTR-FST 2N	10.01.03.06143
Universal holder	HTR-UNI 2N FSTI	10.01.03.00297
Ball joint	KGL G1/4-IG G1/4-AG	10.01.03.00110
Ball joint	KGL G1/4-IG M10x1.25-AG	10.01.03.00137
Plug union, straight	STVI-GE G1/8-IG 4	10.08.02.00149
Plug union, straight	STVI-GE G1/8-IG 6	10.08.02.00150
Plug union, straight	STVI-GE G1/8-IG 8	10.08.02.00151

