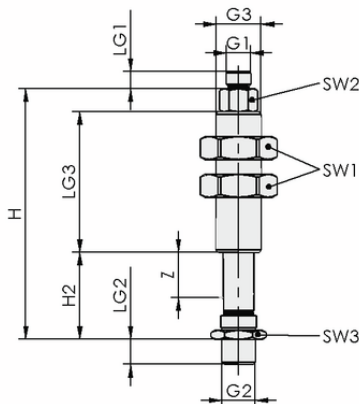


Art.-Nr.: 10.01.02.00868



FSTI G1/4-AG G1/8-AG 25

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



Design data FSTI G1/4-AG G1/8-AG 25

Technical data

Attribute	Value
Spring stroke Z	25.0 mm
Suction cup connection	G1/4"-M
Vacuum connection	G1/8"-M
Tightening torque (max)	40.0 Nm

Design data

Attribute	Value
Height H2	36.00 mm
Height H	101.00 mm
Thread G1	G1/8"-M
Thread length LG1	6.5 mm
Thread G2	G1/4"-M
Thread length LG2	10.0 mm
Thread length LG3	56.0 mm
Key width SW1	27.0 mm
Spanner size SW2	13.0 mm
Spring stroke Z	25.0 mm

Art.-Nr.: 10.01.02.00868

**Technical data**

Attribute	Value
Spring force center	6.84 N
Spring rate	0.097 N/mm
Spring pretension	5.63 N
Horizontal load	700.0 N
Vertical load	1,000.0 N
Weight	180.0 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/10.01.02.00868

**Ordering Data Accessories 10.01.02.00868**

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

