

Art.-Nr.: 10.01.02.01012



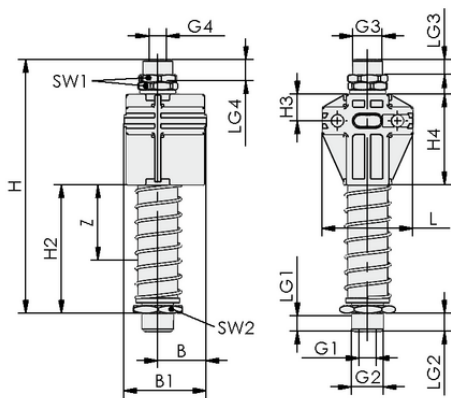
FSTF G1/2-AG 50

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

Available accessories: mounting set

Technical data

Attribute	Value
Spring stroke Z	50.0 mm
Suction cup connection	G1/4"-F
Vacuum connection	M20x1.5-M
alternative vacuum connection	G1/4"-F
alternative suction cup connection	G1/2"-M



Design data FSTF G1/2-AG 50

Design data

Attribute	Value
Length L	60.00 mm
Width B1	54.60 mm
Width B	32.30 mm
Height H2	85.00 mm
Height H	168.00 mm
Thread G1	G1/4"-F
Thread length LG1	10.0 mm
Thread G2	G1/2"-M
Thread length LG2	12.0 mm
Thread length LG3	10.0 mm

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**Technical data**

Attribute	Value
Spring force center	31.75 N
Spring rate	0.567 N/mm
Spring pretension	17.60 N
Horizontal load	800.0 N
Vertical load	2,500.0 N
Weight	246.0 g
Operating temperature	0 ... 50 °C
Product family	FSTF
alternative vacuum connection	G1/4"-F
alternative suction cup connection	G1/2"-M

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/10.01.02.01012

**Ordering Data Accessories 10.01.02.01012**

Typ		Item number
Mounting set	SET FSTF	10.01.02.01030
Mounting set	SET FSTF COM	10.01.02.01031

