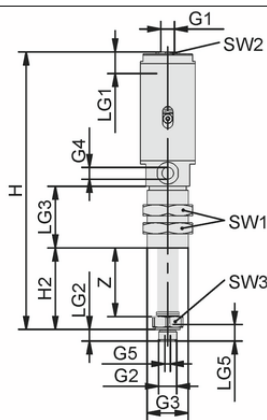


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FST-LOCK-HD G1/4-AG 50 NC AB

Spring plunger FST-LOCK-HD is delivered as a ready-to-connect product.



Design data FST-LOCK-HD G1/4-AG 50 NC AB

Technical data

Attribute	Value
Shape mounting elements	anti-Block
Spring stroke Z	50.0 mm
Compressed air connection	G1/8"-F
Mounting connection	M30x1.5-M
Suction cup connection	G1/4"-M
Vacuum connection	G1/8"-F
Shape functioning	Closed without pressure
Tightening torque (max)	50.0 Nm

Design data

Attribute	Value
Height H2	59.30 mm
Height H	202.00 mm
Thread G1	G1/8"-F
Thread length LG1	12.0 mm
Thread G2	G1/4"-M
Thread length LG2	8.5 mm
Thread length LG3	45.0 mm
Key width SW1	36.0 mm
Spanner size SW2	17.0 mm
Spring stroke Z	50.0 mm

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**Technical data**

Attribute	Value
Spring force center	12.73 N
Spring rate	0.453 N/mm
Spring pretension	1.40 N
Horizontal load	300.0 N
Vertical load	1,500.0 N
Weight	735.0 g
Pressure range (operating pressure) [bar]	4.0 ... 7.0 bar
Operating temperature	0 ... 80 °C
Product family	FST-LOCK-HD
Braking force	350.0 N
Shape functioning	Closed without pressure
Tightening torque (max)	50.0 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/10.01.02.01535

**Ordering Data Accessories 10.01.02.01535**

Typ		Item number
Plug union, straight	STV-GE G1/8-AG 6	10.08.02.00204
Plug union, elbow	STV-W G1/8-AG 6	10.08.02.00158
Vacuum hose (meter)	VSL 6-4 PU MI-TR	10.07.09.00002
Holder tooling spring plunger	HT-FST A2 42 M30x1.5	10.07.06.00474
Holder tooling spring plunger	HT-FST A3 42 M30x1.5	10.07.06.00472
Holder tooling spring plunger	HT-FST A5 42 M30x1.5	10.07.06.00473

