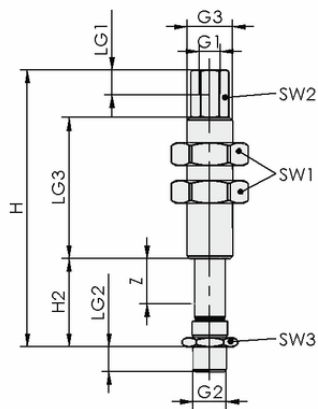


Art.-Nr.: 10.01.02.00994



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

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



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

**Technical data**

| Attribute               | Value   |
|-------------------------|---------|
| Spring stroke Z         | 50.0 mm |
| Suction cup connection  | G1/4"-M |
| Vacuum connection       | G1/8"-F |
| Tightening torque (max) | 40.0 Nm |

**Design data**

| Attribute         | Value     |
|-------------------|-----------|
| Height H2         | 59.00 mm  |
| Height H          | 173.00 mm |
| Thread G1         | G1/8"-F   |
| Thread length LG1 | 12.0 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   |

Art.-Nr.: 10.01.02.00994

**Technical data**

| Attribute               | Value       |
|-------------------------|-------------|
| Spring force center     | 4.70 N      |
| Spring rate             | 0.097 N/mm  |
| Spring pretension       | 2.30 N      |
| Horizontal load         | 700.0 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/10.01.02.00994](http://www.schmalz.com/10.01.02.00994)



Art.-Nr.: 10.01.02.00994

**Ordering Data Accessories 10.01.02.00994**

| 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 |
| Hose sleeve           | ST G1/8-AG 4 MS-ROH     | 10.08.03.00153 |
| Hose sleeve           | ST G1/8-AG 6 MS-V       | 10.08.03.00154 |
| Hose sleeve           | ST G1/8-AG 9 MS-V       | 10.08.03.00155 |
| Plug union, straight  | STV-GE G1/8-AG 4        | 10.08.02.00202 |
| Plug union, straight  | STV-GE G1/8-AG 6        | 10.08.02.00204 |
| Plug union, straight  | STV-GE G1/8-AG 6 HT     | 10.08.02.00389 |
| Plug union, straight  | STV-GE G1/8-AG 8        | 10.08.02.00206 |
| Plug union, T         | STV-T G1/8-AG 4         | 10.09.02.00039 |
| Plug union, T         | STV-T G1/8-AG 6         | 10.09.02.00040 |
| Plug union, T         | STV-T G1/8-AG 8         | 10.09.02.00041 |
| Plug union, elbow     | STV-W G1/8-AG 4         | 10.08.02.00156 |
| Plug union, elbow     | STV-W G1/8-AG 6         | 10.08.02.00288 |
| Plug union, elbow     | STV-W G1/8-AG 6         | 10.08.02.00158 |
| Plug union, elbow     | STV-W G1/8-AG 6 HT      | 10.08.02.00391 |
| Plug union, elbow     | STV-W G1/8-AG 8         | 10.08.02.00160 |
| Plug union, elbow     | STV-WF G1/8-AG 10       | 10.08.02.00257 |
| Plug union, elbow     | STV-WF G1/8-AG 4        | 10.08.02.00166 |
| Plug union, elbow     | STV-WF G1/8-AG 6        | 10.08.02.00168 |
| Plug union, elbow     | STV-WF G1/8-AG 8        | 10.08.02.00170 |

