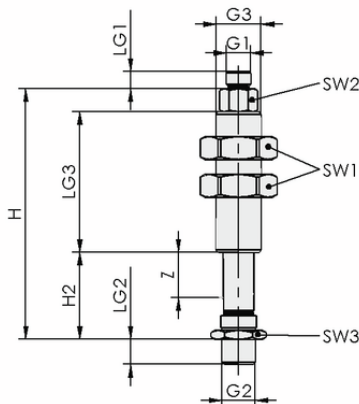


Art.-Nr.: 10.01.02.00996



FSTI G3/8-AG G1/8-AG 50

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



Design data FSTI G3/8-AG G1/8-AG 50

## Technical data

| Attribute               | Value   |
|-------------------------|---------|
| Spring stroke Z         | 50.0 mm |
| Suction cup connection  | G3/8"-M |
| Vacuum connection       | G1/8"-M |
| Tightening torque (max) | 40.0 Nm |

## Design data

| Attribute         | Value     |
|-------------------|-----------|
| Height H2         | 54.00 mm  |
| Height H          | 163.00 mm |
| Thread G1         | G1/8"-M   |
| Thread length LG1 | 6.5 mm    |
| Thread G2         | G3/8"-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.: 10.01.02.00996

**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/10.01.02.00996](http://www.schmalz.com/10.01.02.00996)

**Ordering Data Accessories 10.01.02.00996**

| Typ                          |                              | Item number    |
|------------------------------|------------------------------|----------------|
| 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 |
| Reduction piece with hexagon | RED-STK G1/2-AG G3/8-IG MS-V | 10.08.04.00096 |
| 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 |

