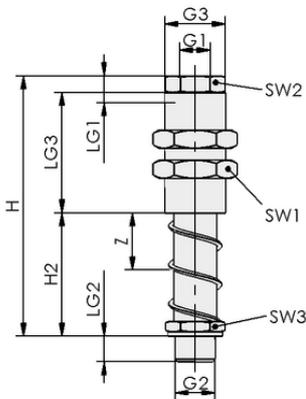


Art.-Nr.: 10.01.02.00568



FSTE G1/4-AG 50

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



Design data FSTE G1/4-AG 50

Technical data

| | |
|-------------------------|---------|
| 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

| | |
|-------------------|-----------|
| Height H2 | 70.00 mm |
| Height H | 115.50 mm |
| Thread G1 | G1/8"-F |
| Thread length LG1 | 13.0 mm |
| Thread G2 | G1/4"-M |
| Thread length LG2 | 8.5 mm |
| Thread length LG3 | 40.0 mm |
| Key width SW1 | 24.0 mm |
| Spanner size SW2 | 17.0 mm |
| Spring stroke Z | 50.0 mm |
| Key width SW3 | 17.0 mm |
| Thread G3 | M20x1.5-M |

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**Technical data**

| | |
|-------------------------|-------------|
| Spring force center | 12.70 N |
| Spring rate | 0.452 N/mm |
| Spring pretension | 1.40 N |
| Horizontal load | 466.0 N |
| Vertical load | 2,400.0 N |
| Weight | 175.00 g |
| Operating temperature | 0 ... 80 °C |
| Product family | FSTE |
| 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

**Ordering Data Accessories 10.01.02.00568**

| Typ | | Item number |
|-----------------------|-------------------------|----------------|
| Flexolink | FLK G1/4-IG G1/4-AG | 10.01.03.00178 |
| 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 |
| Flexolink | FLK G1/4-IG M10x1.25-AG | 10.01.03.00206 |
| Cross-beam connection | HTR-STA 55 1N D20 WI | 10.08.03.00086 |
| Universal holder | HTR-UNI 2N FSTE-HDB | 10.01.03.00332 |
| 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 8 | 10.08.02.00206 |
| Plug union, elbow | STV-W G1/8-AG 4 | 10.08.02.00156 |
| Plug union, elbow | STV-W G1/8-AG 6 | 10.08.02.00158 |
| Plug union, elbow | STV-W G1/8-AG 8 | 10.08.02.00160 |
| Plug union, straight | STV-GE G1/8-AG 6 HT | 10.08.02.00389 |
| Plug union, elbow | STV-W G1/8-AG 6 | 10.08.02.00288 |
| Plug union, elbow | STV-W G1/8-AG 6 HT | 10.08.02.00391 |
| 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 |
| Plug union, elbow | STV-WF G1/8-AG 10 | 10.08.02.00257 |
| 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 |



Spring plungers

FSTE G1/4-AG 50



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Ordering Data Spare Parts 10.01.02.00568

| Typ | | Item number |
|-----------------|--------------------------------|----------------|
| Pressure spring | DRUCK-FED 1.1x15.7 68.08 0.453 | 20.08.02.00231 |



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