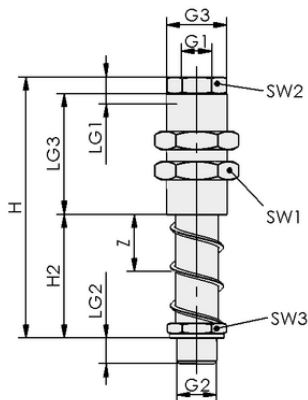




FSTE G1/2-AG 75

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



Design data FSTE G1/2-AG 75

### Technical data

| Attribute               | Value   |
|-------------------------|---------|
| Spring stroke Z         | 75.0 mm |
| Suction cup connection  | G1/2"-M |
| Vacuum connection       | G3/8"-F |
| Tightening torque (max) | 50.0 Nm |

### Design data

| Attribute         | Value     |
|-------------------|-----------|
| Height H2         | 113.50 mm |
| Height H          | 176.50 mm |
| Thread G1         | G3/8"-F   |
| Thread length LG1 | 13.0 mm   |
| Thread G2         | G1/2"-M   |
| Thread length LG2 | 10.5 mm   |
| Thread length LG3 | 55.0 mm   |
| Key width SW1     | 36.0 mm   |
| Spanner size SW2  | 24.0 mm   |
| Spring stroke Z   | 75.0 mm   |

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**Technical data**

| Attribute               | Value       |
|-------------------------|-------------|
| Spring force center     | 77.40 N     |
| Spring rate             | 1.072 N/mm  |
| Spring pretension       | 37.20 N     |
| Horizontal load         | 800.0 N     |
| Vertical load           | 4,900.0 N   |
| Weight                  | 530.00 g    |
| Operating temperature   | 0 ... 80 °C |
| Product family          | FSTE        |
| 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/10.01.02.00575](http://www.schmalz.com/10.01.02.00575)

**Ordering Data Accessories 10.01.02.00575**

| Typ                   |                       | Item number    |
|-----------------------|-----------------------|----------------|
| Flexolink             | FLK G1/2-IG G1/2-AG   | 10.01.03.00175 |
| Flexolink             | FLK G1/2-IG G1/2-AG V | 10.01.03.00207 |
| Ball joint            | KGL G1/2-IG G1/2-AG   | 10.01.03.00111 |
| Cross-beam connection | HTR-STA 62 1N D30 WI  | 10.08.03.00148 |
| Cross-beam connection | HTR-ST5 40x40 D30 WI  | 10.08.03.00090 |
| Cross-beam connection | HTR-ST5 50x50 D30 WI  | 10.08.03.00091 |
| Cross-beam connection | HTR-ST5 60x60 D30 WI  | 10.08.03.00092 |
| Hose sleeve           | ST G3/8-AG 9 MS-V     | 10.08.03.00159 |
| Hose sleeve           | ST G3/8-AG 13 MS-V    | 10.08.03.00160 |
| Plug union, straight  | STV-GE G3/8-AG 8      | 10.08.02.00237 |
| Plug union, straight  | STV-GE G3/8-AG 10     | 10.08.02.00252 |
| Plug union, straight  | STV-GE G3/8-AG 12     | 10.08.02.00209 |
| Plug union, straight  | STV-GE G3/8-AG 14     | 10.08.02.00211 |
| Plug union, elbow     | STV-W G3/8-AG 8       | 10.08.02.00236 |
| Plug union, elbow     | STV-W G3/8-AG 10      | 10.08.02.00255 |
| Plug union, elbow     | STV-W G3/8-AG 12      | 10.08.02.00163 |
| Plug union, elbow     | STV-WF G3/8-AG 8      | 10.08.02.00234 |
| Plug union, elbow     | STV-WF G3/8-AG 10     | 10.08.02.00259 |



Spring plunger

## FSTE G1/2-AG 75



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Ordering Data Spare Parts 10.01.02.00575

| Typ             |                            | Item number    |
|-----------------|----------------------------|----------------|
| Pressure spring | DRUCK-FED 2x23 139.5 1.072 | 20.08.02.00097 |



[WWW.SCHMALZ.COM/10.01.02.00575](http://WWW.SCHMALZ.COM/10.01.02.00575)