

## Spring plunger

FSTF G1/2-AG 50

Part no...:10.01.02.01012

<https://www.schmalz.ru/10.01.02.01012>

Home > Vacuum Technology for Automation > Vacuum Components > Mounting Elements > Spring Plungers > Spring Plungers FSTF > FSTF G1/2-AG 50

### Spring plunger with damping, height compensation and flexible mounting

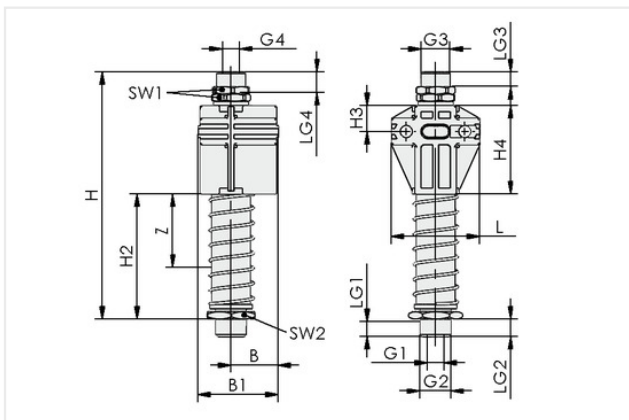


Suction cup connection: G1/4"-F

Vacuum connection: M20x1.5-M

Spring stroke Z: 50 mm

### Design Data



| Attribute  | Value     |
|------------|-----------|
| B          | 32.30 mm  |
| B1         | 54.60 mm  |
| G1         | G1/4"-F   |
| G2         | G1/2"-M   |
| G3         | M20x1.5-M |
| G4         | G1/4"-F   |
| H          | 168 mm    |
| H2         | 85 mm     |
| H3         | 17.50 mm  |
| H4         | 60 mm     |
| L          | 60 mm     |
| LG1        | 10 mm     |
| LG2        | 12 mm     |
| LG3        | 10 mm     |
| LG4        | 10 mm     |
| SW1        | 24 mm     |
| SW2        | 32 mm     |
| Z (Stroke) | 50 mm     |

### Technical Data

#### Contact Schmalz

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## Spring plunger

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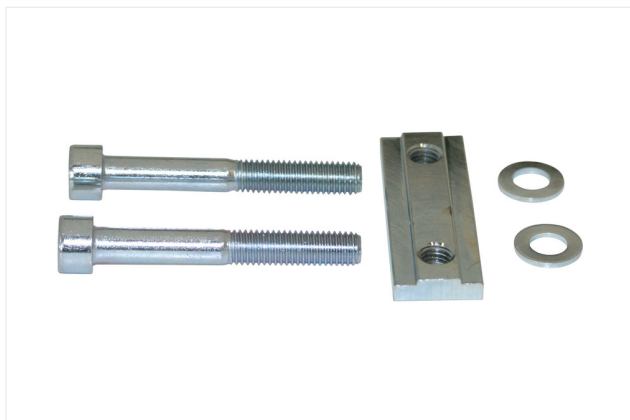
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| Attribute             | Value       |
|-----------------------|-------------|
| Spring rate           | 0.57 N/mm   |
| Spring pretension     | 17.60 N     |
| Spring force, center  | 31.75 N     |
| Vertical load         | 2500 N      |
| Horizontal load       | 800 N       |
| Weight                | 246 g       |
| Operating temperature | 0 ... 50 °C |
| Product family        | FSTF        |

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

### Accessories



#### SET FSTF

Part no...:10.01.02.01030

Construction use: Spring plunger FSTF



#### SET FSTF COM

Part no...:10.01.02.01031

Construction use: Spring plunger FSTF

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