

## Lateral Spring Plungers • with spring steel sheet

### EH 22160.



#### Product Description

The lateral spring plunger with spring steel sheet guarantees a simple and secure positioning of workpieces or components at stops or fixture plates, e.g. in board mounting or before the clamping process in the jig and fixture construction. The double-sided version allows for serial clamping. Below  $h_1$  is resulting a down hold effect.

#### Material

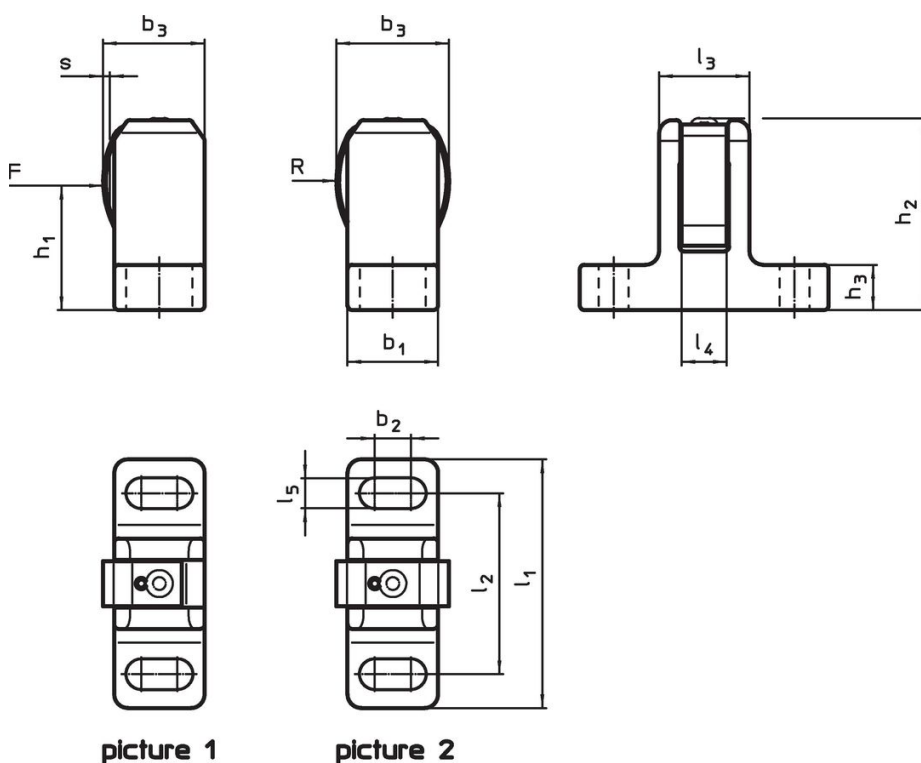
##### Spring element

- Stainless steel



##### Body

- Steel, black

#### Drawing

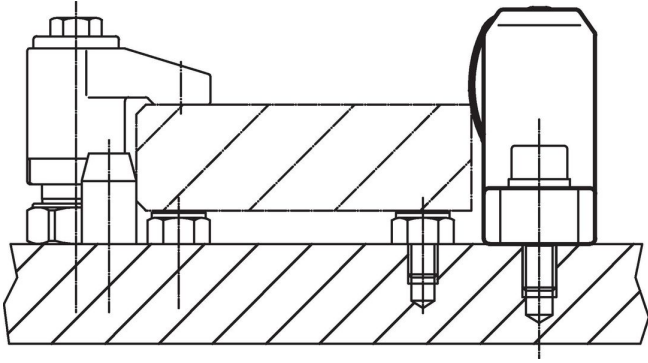


#### Order information

| Dimensions               |                |                |                |                |                        |                |                     |                |                      |                |      | Stroke<br>s | For screw | Spring<br>load<br>F<br>max. <sup>1)</sup><br>~ | <br>max. |  | Art. No.   |
|--------------------------|----------------|----------------|----------------|----------------|------------------------|----------------|---------------------|----------------|----------------------|----------------|------|-------------|-----------|--|---|---|------------|
| l <sub>1</sub><br>±1     | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> | b <sub>1</sub><br>±0.5 | b <sub>2</sub> | b <sub>3</sub><br>~ | h <sub>1</sub> | h <sub>2</sub><br>±1 | h <sub>3</sub> | R    |             |           |  |   |   |            |
| [mm]                     |                |                |                |                |                        |                |                     |                |                      |                |      | [mm]        | [mm]      | [N]  | [°C]  | [g]   |            |
| one-sided – picture 1    |                |                |                |                |                        |                |                     |                |                      |                |      |             |           |  |   |   |            |
| 55                       | 40             | 20             | 10             | 6.6            | 20                     | 8              | 22.5                | 28.5           | 43.0                 | 10             | 22.5 | 1.5         | M 6       | 55   | 250   | 127   | 22160.0006 |
| 72                       | 50             | 23             | 12             | 13.5           | 25                     | 6              | 29.0                | 40.5           | 61.5                 | 15             | 32.8 | 1.5         | M12       | 170  | 250   | 251   | 22160.0012 |
| double-sided – picture 2 |                |                |                |                |                        |                |                     |                |                      |                |      |             |           |  |   |   |            |
| 55                       | 40             | 20             | 10             | 6.6            | 20                     | 8              | 25.0                | 28.5           | 42.5                 | 10             | 22.5 | 1.5         | M 6       | 55   | 250   | 128   | 22160.0206 |
| 72                       | 50             | 23             | 12             | 13.5           | 25                     | 6              | 33.5                | 40.5           | 61.5                 | 15             | 32.8 | 1.5         | M12       | 170  | 250   | 256   | 22160.0212 |

<sup>1)</sup> statistical average value

### Application example



### Compliance

#### RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

#### Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

#### Does not contain Proposition 65 substances

No Proposition 65 substances included.

<https://www.P65Warnings.ca.gov/>

#### Free from Conflict Minerals

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.