# Lateral Plungers • with thread, without seal, with female thread



## **Product Description**

To be used for positioning and applying pressure, e.g. during painting and sandblasting.

### **Material**

### Body

· Steel, zinc-plated

### Threaded washer

· Steel, blackened

## **Spring**

• Steel, zinc-plated by galvanization

## **Assembly**

Formula for calculating the center distance for the mounting hole:

 $I_0 = z/2 + w + x$ 

 $I_0$  = center distance,

y = workpiece height,

w = workpiece length,

x = stroke

z = stop diameter

Calculation dimension x for workpieces:

 $x = d_2/2 - s$ 

Lateral plungers are installed by screwing in by means of a mounting tool.

### Characteristic

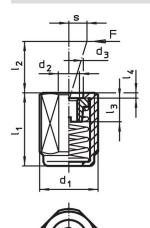
Version heavy spring load = spring from steel, zinc-plated by galvanization

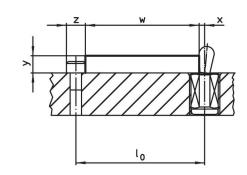
## More information

### **Notes**

Individual set screws can be screwed in the plate with threaded hole.

## **Drawing**







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## **Order information**

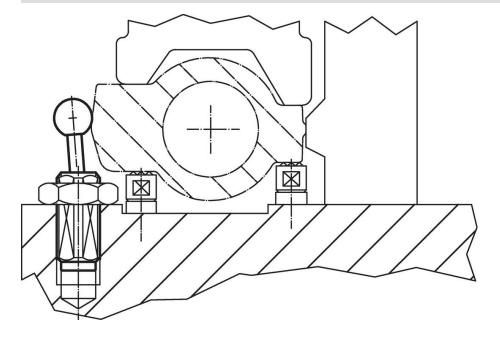
|   | Dimensions        |                      | Spring load Dimensions       |                |                |                |                |                | Stroke | WS   |      | I   | Art. No.   |
|---|-------------------|----------------------|------------------------------|----------------|----------------|----------------|----------------|----------------|--------|------|------|-----|------------|
|   | d₁                | l <sub>1</sub><br>-2 | F<br>max. <sup>1)</sup><br>~ | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub> | l <sub>3</sub> | I <sub>4</sub> | S      |      | max. | -   |            |
|   | [mm]              |                      | [N]                          | '              |                | [mm]           | ı              | ı              | [mm]   | [mm] | [°C] | [g] |            |
| H | leavy spring load |                      |                              |                |                |                |                |                |        |      |      |     |            |
|   | M18 x 1,5         | 18                   | 200                          | M6             | 10.1           | 16.7           | 7.5            | 1.5            | 1.6    | 16   | 250  | 14  | 22150.1352 |

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

# Accessories

| assembly tool | Dimensions<br>d <sub>1</sub><br>[mm] | [9] | Art. No.   |
|---------------|--------------------------------------|-----|------------|
| 1 0           | M18 x 1,5                            | 137 | 22150.0822 |

# **Application example**



# Compliance

# **RoHS** compliant

Contains lead - compliant according to exceptions 6a / 6b / 6c.

## Contains SVHC substances >0,1% w/w

Contains lead - SVHC list [REACH] as of 23.01.2024.

# **Contains Proposition 65 substances**



Lead can cause cancer and reproductive harm from exposure https://www.P65Warnings.ca.gov/

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## **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.



Page 2 of 2 Published on: 20.4.2024