# Lateral Plungers • with thread, without seal

22150.0340



### **Product Description**

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

#### **Material**

#### Body

• Steel, zinc-plated by galvanization

• Steel, zinc-plated by galvanization

#### Pin

· Steel, case-hardened, zinc-plated by galvanization

#### **Assembly**

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

Formula for calculating the center distance for the mounting hole:

 $I_0 = z/2 + w + x$ 

I<sub>0</sub> = center distance,

y = workpiece height,

w = workpiece length,

x = coordinate dimension,

s = stroke,

z = stop diameter

Calculation dimension x:

y greater than or equal to  $l_2$  -  $d_2/2$ ,

then  $x = d_2/2 - s$ 

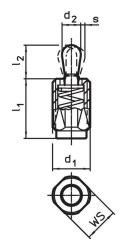
y smaller than  $l_2$  -  $d_2/2$ ,

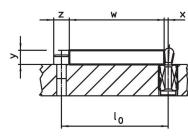
then  $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$ 

### Characteristic

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

## **Drawing**







Erwin Halder KG www.halder.com Page 1 of 2 Published on: 3.2.2024

#### **Order information**

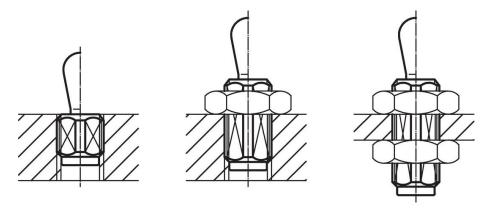
| Dimensions                   |                      |                             |                |                | Stroke | ws   | <u>n</u> | I   | Art. No.   |  |  |
|------------------------------|----------------------|-----------------------------|----------------|----------------|--------|------|----------|-----|------------|--|--|
| d₁                           | l <sub>1</sub><br>-2 | Spring load<br>F<br>max. 1) | d <sub>2</sub> | l <sub>2</sub> | \$     |      | max.     | -   |            |  |  |
| [mm]                         |                      | [N]                         |                | [mm]           | [mm]   | [mm] | [°C]     | [g] |            |  |  |
| Pin: Steel/Heavy spring load |                      |                             |                |                |        |      |          |     |            |  |  |
| M12                          | 26.5                 | 100                         | 6              | 10.4           | 2      | 10   | 250      | 10  | 22150.0340 |  |  |

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

#### **Accessories**

| assembly tool | Dimensions<br>d <sub>1</sub><br>[mm] | [9] | Art. No.   |
|---------------|--------------------------------------|-----|------------|
|               | M12                                  | 76  | 22150.0820 |

## **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/

## **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.



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