# Lateral Plungers • with thread, without seal 22150.0336



#### **Product Description**

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

#### **Material**

#### Body

• Steel, zinc-plated by galvanization

#### Spring

• Steel, zinc-plated by galvanization

### Pin

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

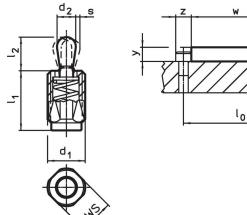
### Assembly

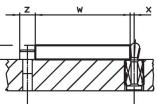
Lateral plungers are installed by screwing in by means of a mounting tool. Formula for calculating the center distance for the mounting hole:  $I_0 = z/2 + w + x$ , I<sub>0</sub> = center distance, y = workpiece height, w = workpiece length, x = coordinate dimension,s = stroke, z = stop diameter Calculation dimension x: y greater than or equal to  $I_2 - d_2/2$ , then  $x = d_2/2 - s$ or y smaller than  $I_2 - d_2/2$ , 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





### **Order information**

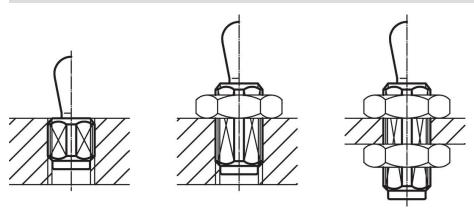
| Dimensions       |                      |   |    |                | Stroke | WS   | <b>A</b> | T.  | Art. No.   |
|------------------|----------------------|---|----|----------------|--------|------|----------|-----|------------|
| d1               | Ι <sub>1</sub><br>-2 | Spring load<br>F<br>max. <sup>1)</sup><br>~ | d2 | l <sub>2</sub> | s      |      | max.     | -   |            |
| [mm]             |                      | [N]   |    | [mm]           | [mm]   | [mm] | [°C]     | [9] |            |
| Pin: Steel/Heavy | spring load          |   |    |                |        |      |          |     |            |
| M12              | 19                   | 100   | 6  | 10.4           | 2      | 10   | 250      | 7.7 | 22150.0336 |

<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

#### 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.