# **Lateral Plungers** • with thread, without seal, with female thread 22150.1319



# **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, blackened

## Assembly

Formula for calculating the center distance for the mounting hole:  $l_0 = z/2 + w + x$ ,  $l_0$  = center distance, y = workpiece height, w = workpiece height, 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

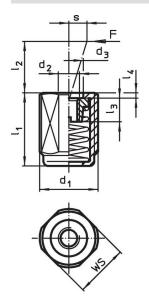
Version standard spring load = spring from steel, blackened

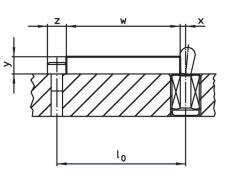
#### More information

## Notes

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

## Drawing





# **Order information**

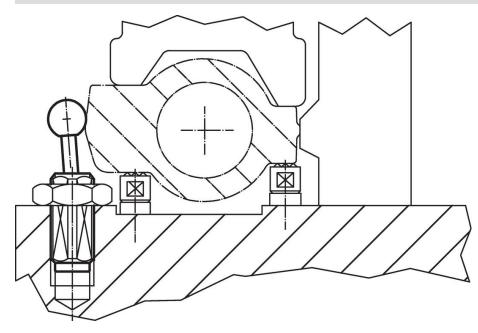
| Dimensions           |                      | Spring load                  | Dimensions     |                |                |                |     | Stroke | ws   |      | <b>I</b> | Art. No.   |
|----------------------|----------------------|------------------------------|----------------|----------------|----------------|----------------|-----|--------|------|------|----------|------------|
| 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> | I4  | s      |      | max. | -        |            |
| [mm]                 |                      | [N]                          |                |                | [mm]           |                |     | [mm]   | [mm] | [°C] | [g]      |            |
| Standard spring load |                      |                              |                |                |                |                |     |        |      |      |          |            |
| M12                  | 26.5                 | 50                           | M4             | 6.1            | 6.7            | 4.5            | 1.5 | 0.8    | 10   | 250  | 7.5      | 22150.1319 |

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

# Accessories

|               | Dimensions     | <b></b> | Art. No.   |  |  |  |  |  |
|---------------|----------------|---------|------------|--|--|--|--|--|
|               | d <sub>1</sub> | -       |            |  |  |  |  |  |
|               | [mm]           | [9]     |            |  |  |  |  |  |
| assembly tool |                |         |            |  |  |  |  |  |
| <b>)</b>      | 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 27.06.2024.

## **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.

