# Lateral Plungers • with thread, with seal 22150.0434



### **Product Description**

To be used for positioning and applying pressure, e.g. during painting and sandblasting. Sealed against chips and dirt.

### Material

Seal • CR

### Body

• Steel, zinc-plated by galvanization

### Spring

Stainless steel

### Pin

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

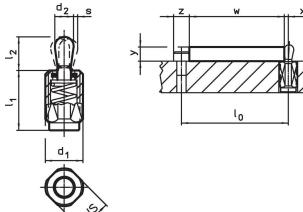
### Assembly

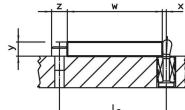
Lateral plungers are installed by screwing in by means of a mounting tool. Formula for calculating the center distance for the mounting hole:  $I_0 = z/2 + w + x$ ,  $I_0$  = center distance, y = workpiece height, w = workpiece length, x = coordinate dimension, s = stroke, z = stop diameter Calculation 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 light spring load = spring from stainless steel

### Drawing





### Order information

Dimensions				Stroke	ws	<b>x</b> <sup>1)</sup>		Ĩ	Art. No.	
d <sub>1</sub>	Ι <sub>1</sub> -2	Spring load F max. <sup>2)</sup>	d <sub>2</sub>	I <sub>2</sub>	S			max.	-	
[mm]		[N]	<b>[</b>	mm]	[mm]	[mm]	[mm]	[°C]	[9]	
Pin: Steel/Light spring load										
M12	19	40	6	10	1	10	2	110	6.5	22150.0434

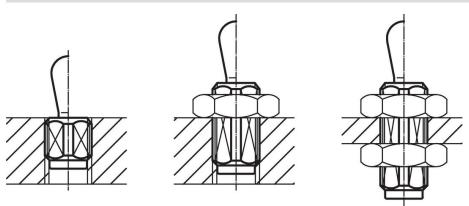
 $^{1)}$  If the workpiece height (y) is less than I2-d2/2, the coordinate dimension (x) must be calculated.

<sup>2)</sup> statistical average value

### Accessories

assembly tool	Dimensions d <sub>1</sub> [mm]	[9]	Art. No.
1 0	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.