# Lateral Plungers • with thread, without seal 22150.0355



### **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, blackened

### Pin

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

#### Assembly

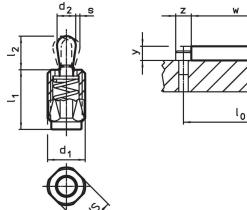
Lateral plungers are installed by screwing in by means of a mounting tool. Formula for calculating the center distance for the mounting hole:  $I_0 = z/2 + w + x$ , I<sub>0</sub> = center distance, y = workpiece height, w = workpiece length, x = coordinate dimension,s = stroke, z = stop diameter Calculation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

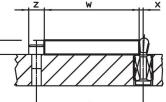
y smaller than  $I_2 - d_2/2$ , then  $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$ 

#### Characteristic

Version standard spring load = spring from steel, blackened

### Drawing





### **Order information**

Dimensions				Stroke	WS	<b>x</b> <sup>1)</sup>		- I	Art. No.			
d <sub>1</sub>	l <sub>1</sub>	Spring load	d <sub>2</sub>	I <sub>2</sub>	s			max.	-			
	-2	F										
		max. <sup>2)</sup>										
		~										
[mm]		[N]	[mm]		[mm]	[mm]	[mm]	[°C]	[g]			
Pin: Steel/Standard spring load												
M18 x 1,5	31.5	150	10	16.9	1.6	16	3.4	250	29	22150.0355		

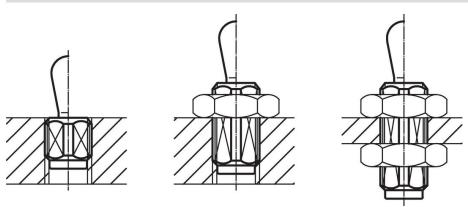
 $^{1)}$  If the workpiece height (y) is less than I2-d2/2, the coordinate dimension (x) must be calculated.

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

### Accessories

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