# Lateral Plungers • with thread, without seal

22150.0338



## **Product Description**

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

#### **Material**

#### Body

• Steel, zinc-plated by galvanization

· 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<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  $x = d_2/2 - s$ 

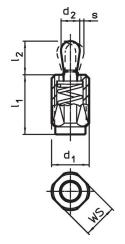
y smaller than  $l_2$  -  $d_2/2$ ,

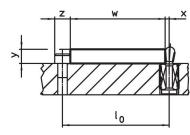
then  $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$ 

### Characteristic

Version light spring load = spring from stainless steel

## **Drawing**







#### **Order information**

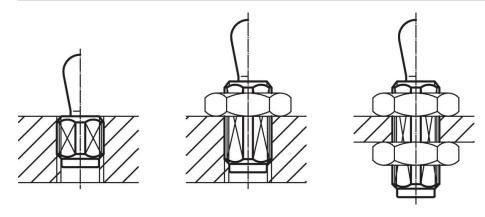
Dimensions					Stroke	ws	<u>N</u>	I	Art. No.		
d <sub>1</sub>	l <sub>1</sub> -2	Spring load  F  max. 1)	d <sub>2</sub>	l <sub>2</sub>	\$		max.				
[mm]		[N]		[mm]	[mm]	[mm]	[°C]	[g]			
Pin: Steel/Light spring load											
M12	26.5	40	6	10.4	2	10	250	8.6	22150.0338		

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

#### **Accessories**

assembly tool	Dimensions d <sub>1</sub> [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.



Halder France SAS www.halder.fr