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



### **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, zinc-plated by galvanization

#### **Assembly**

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 = 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

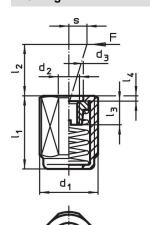
Version heavy spring load = spring from steel, zinc-plated by galvanization

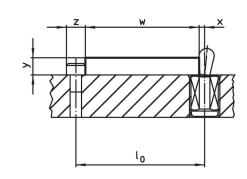
### More information

#### **Notes**

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

### **Drawing**







Erwin Halder KG www.halder.com Published on: 20.4.2024

### **Order information**

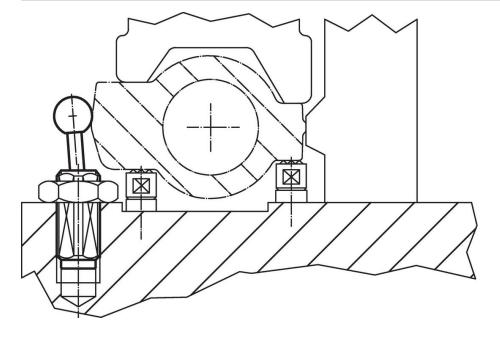
Dimensions		Spring load			Stroke	ws	<u>N</u>	I	Art. No.			
d₁	I <sub>1</sub> -2	F max. <sup>1)</sup> ~	d <sub>2</sub>	d <sub>3</sub>	l <sub>2</sub>	l <sub>3</sub>	I <sub>4</sub>	s		max.	-	
[mm	, ור	[N]		ı	[mm]	ı	1	[mm]	[mm]	[°C]	[g]	
Heavy spring load												
M12	19	100	M4	6.1	6.7	4.5	1.5	0.8	10	250	6	22150.1316

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

### Accessories

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



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