

Lateral Plungers· smooth, without seal - INCH

2B150.0031



Product Description

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

Material

Body

- Aluminium

Spring

- Steel, blackened

Pin

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

Assembly

Installation by pressing in.

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 length,

x = coordinate dimension,

s = stroke,

z = stop diameter

Calculation dimension x :

y greater than or equal to $l_2 - d_2/2$, then $x =$

$$d_2/2 - s$$

or

y smaller than $l_2 - d_2/2$, then $x =$

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

Characteristic

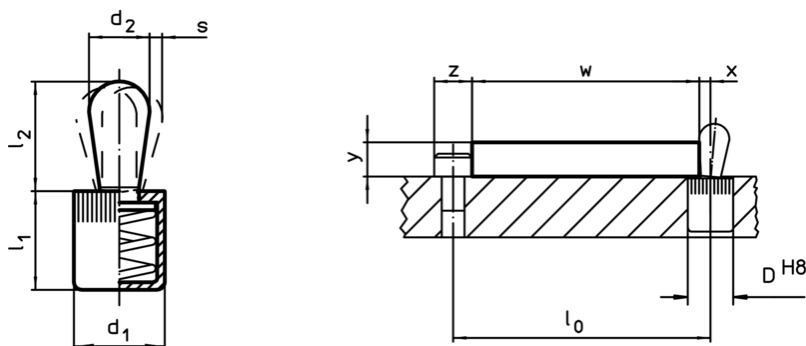
Standard spring load = spring from steel, blackened

More information

Further products

- Eccentric Mounting Bushings, for lateral plungers, smooth - INCH

Drawing


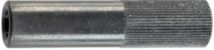


Order information

Dimensions		Spring load F max. ¹⁾ ~ [lb]	Dimensions		Stroke s [inch]	Location hole D H8 [inch]	max. [°F]	oz	Art. No.
d ₁ [inch]	d ₂ [inch]		l ₁ [inch]	l ₂ [inch]					
1/2	0,315	22,5	0,525	0,535	0,09	1/2	482	0,282	2B150.0031

¹⁾ statistical average value

Accessories

	Dimensions d ₁ [inch]	 [oz]	Art. No.
assembly tool			
	1/2	2,321	22150.0832

Application example

