Lateral Plungers• smooth, with seal - INCH

2B150.0111

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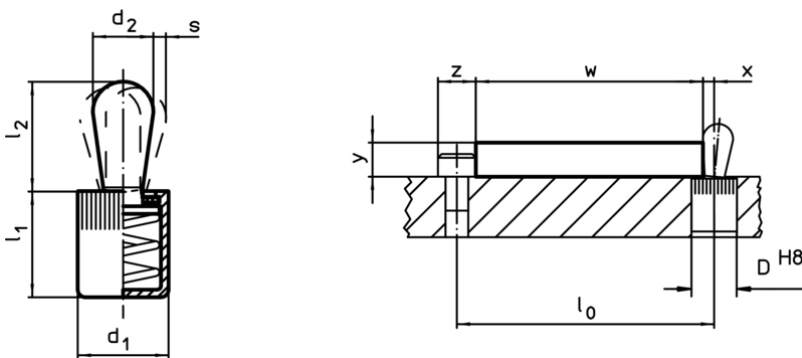
Characteristic

Standard spring load = spring from steel, blackened

More information

Further products

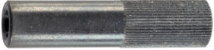• Eccentric Mounting Bushings, for lateral plungers, smooth - INCH

Drawing

Order information

Dimensions		Spring load F max.[1] ~	Dimensions		Stroke s	Location hole D H8	max.		Art. No.
d_1	d_2		l_1 -0,04	l_2					
[inch]	[inch]	[lb]	[inch]	[inch]	[inch]	[inch]	[°F]	[oz]	
Pin: Steel/standard spring load									
1/4	0,118	4,5	0,275	0,157	0,04	1/4	230	0,024	2B150.0111

[1] statistical average value

Accessories

	Dimensions d_1 [inch]	 [oz]	Art. No.
assembly tool			
	1/4	0,678	22150.0830

Application example