Lateral Plungers • smooth, without seal - INCH
2B150.0050

Product Description

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

Material

Body
- Aluminium Al

Spring
- Stainless steel

Pin
- Thermoplastic POM, white

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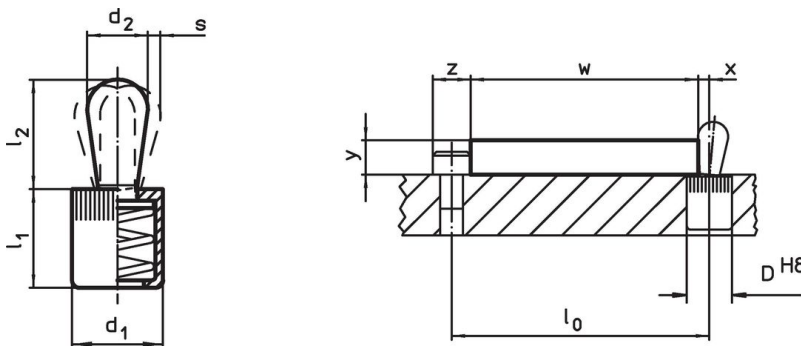
Characteristic

Version light spring load = spring from stainless steel

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	x [2]	max. 🌡	📦	Art. No.
d₁	d₂		l₁ -0.08	l₂						
[in]	[in]	[lb]	[in]	[in]	[in]	[in]	[in]	[°F]	[oz]	
Pin: Thermoplastic/Light spring load										
1/4	0.118	2.2	0.275	0.157	0.02	1/4	0.035	176	0.014	**2B150.0050**

[1] statistical average value

[2] If the workpiece height (y) is less than l2-d2/2, the coordinate dimension (x) must be calculated.

Accessories

	Dimensions d_1 [in]	 [oz]	Art. No.
assembly tool			
	1/4	0.678	**22150.0830**

Application example

Compliance

RoHS compliant
Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances
No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

Does not contain Proposition 65 substances
No Proposition 65 substances included.
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.