Lateral Plungers • with plastic spring and pin - INCH
2B150.0420

Product Description

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

Material

Body
- Aluminium Al

Spring
- plastic

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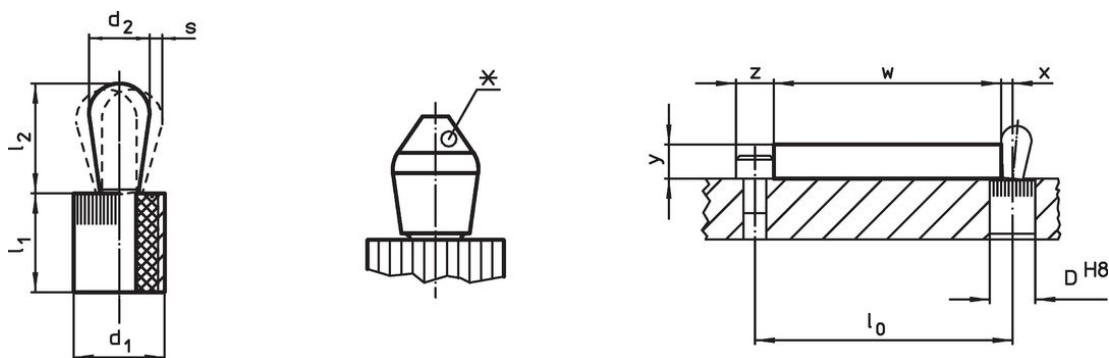then $x = d_2/2 - s$
or
y smaller than $l_2 - d_2/2$,
then $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$

Characteristic

Version light spring load = blue spring

Drawing

*some sizes (see chart) have a deviating pin shape

Order information

Dimensions		Spring load F max. [1] ~	Dimensions		Stroke s	Location hole D H8	$x^{2)}$	🌡 max.	🗜	Art. No.
d_1	d_2		l_1 -0.03	l_2 ±0.02						
[in]	[in]	[lb]	[in]	[in]	[in]	[in]	[in]	[°F]	[oz]	
Pin: Thermoplastic/Light spring load										
7/16	**0.197**	**6.7**	0.374	0.287	0.016	0.438	0.083	176	0.054	**2B150.0420**

[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			
	7/16	1.749	**22150.0831**

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.