Lateral Plungers • with plastic spring and pin - INCH

2B150.0221

Product Description

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

Material

Body
- Aluminium Al

Spring
- plastic

Pin
- Steel, case-hardened, blackened

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 $x = d_2/2 - s$
(value x for this case see table)
or
y smaller than $l_2 - d_2/2$,
then $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0{,}123]$

Characteristic

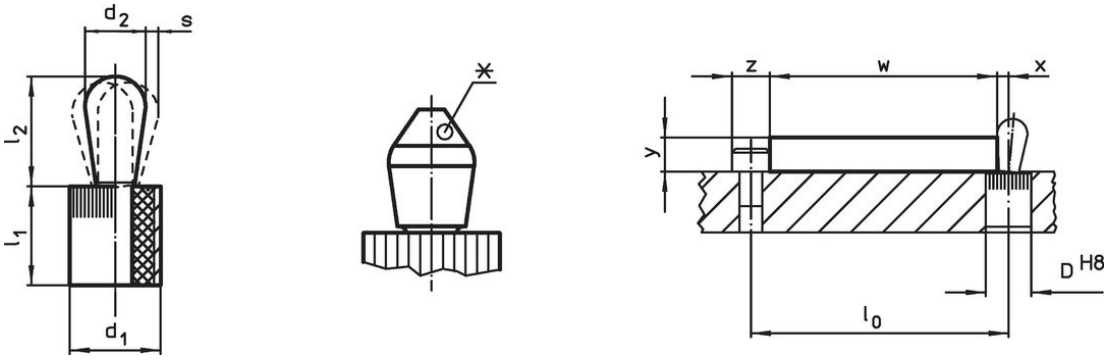
Version standard spring load = red spring

More information

Notes

This is a discontinued article.

Drawing



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

Order information

Dimensions		Spring load	Dimensions		Stroke	Location hole	x[2]			Art. No.
d_1	d_2	F max.[1] ~	l_1 -0.03	l_2 ±0.02	s	D H8		max.		
[in]		[lb]	[in]		[in]	[in]	[in]	[°F]	[oz]	
Pin: Steel/Standard spring load										
7/16	**0.197**	**13.5**	0.374	0.287	0.016	0.438	0.083	212	0.092	2B150.0221

[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 27.06.2024.

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.