Lateral Plungers • with plastic spring and pin - INCH 2B150.0441



Product Description

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

Material

- Body
- Aluminium AI
- Spring
- plastic
- Pin
- Thermoplastic POM, white

Assembly

×

D H8

Installation by pressing in. Formula for calculating the center distance for the mounting hole: $I_0 = z/2 + w + x$, I_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 $I_2 - d_2/2$, then $x = d_2/2 - s$ or y smaller than $I_2 - d_2/2$, then x = $d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$ Characteristic Version heavy spring load = green spring

Drawing



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

Order information

Dimensions		Spring load	Dimensions		Stroke	Location	x ²⁾		Ĭ	Art. No.
d1	d2	F max. ¹⁾ ~	Ι ₁ -0.03	Ι 2 ±0.02	s	hole D H8		max.		
[in]		[lb]	[i	n]	[in]	[in]	[in]	[°F]	[oz]	
Pin: Thermo	oplastic/Heavy sp	oring load								
5/8	0.394	36	0.675	0.678	0.031	0.625	0.166	176	0.2	2B150.0441

1) statistical average value

 $^{2)}$ If the workpiece height (y) is less than I2-d2/2, the coordinate dimension (x) must be calculated.

Accessories

assembly tool	Dimensions d ₁ [in]	[02]	Art. No.
	5/8	3.749	22150.0833

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.