Lateral Plungers· with plastic spring and pin - INCH

2B150.0327

Product Description

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

Material

Body
- Aluminium

Spring
- Plastic

Pin
- Stainless steel

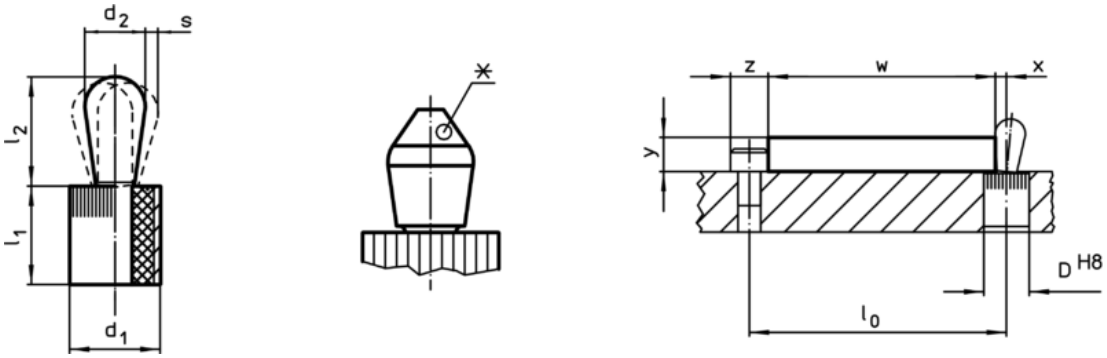
Assembly

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

Heavy spring load = green spring

Drawing



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

Order information

Dimensions		Spring load	Dimensions		Stroke	Location hole			Art. No.
d_1	d_2	F max.[1] ~	l_1 -0,03	l_2 ±0,02	s	D H8	max.		
[inch]		[lb]	[inch]		[inch]	[inch]	[°F]	[oz]	
Pin: Stainless steel/heavy spring load									
7/16	**0,236**	**13,5**	0,374	0,406	0,04	0,438	212	0,124	2B150.0327

[1] statistical average value

Accessories

	Dimensions d_1 [inch]	 [oz]	Art. No.
assembly tool			
	**7/16**	1,749	22150.0831