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

Product Description

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

Material

Body
- Aluminium Al

Spring
- Stainless steel
- Steel, blackened
- Steel, zinc-plated by galvanization

Pin
- Steel, case-hardened, zinc-plated by galvanization
- 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

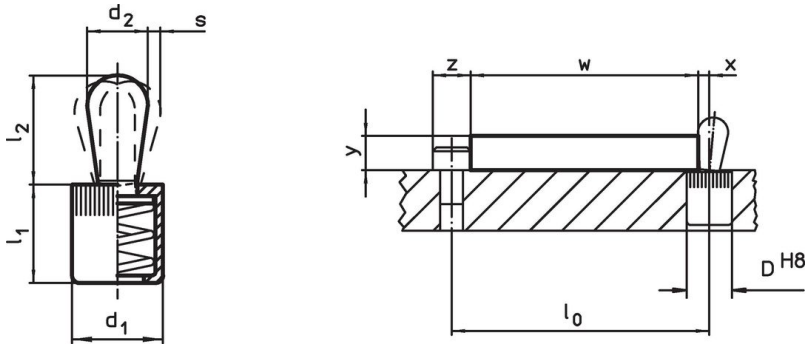
Version light spring load = spring from stainless steel
Version standard spring load = spring from steel, blackened
Version heavy spring load = spring from steel, zinc-plated by galvanization

More information

Further products

- Eccentric Mounting Bushings, for lateral plungers, smooth - INCH

Drawing



Order information

Dimensions d_1 [in]	Dimensions d_2 [in]	Spring load F max. [1] ~ [lb]	Dimensions l_1 -0.08 [in]	Dimensions l_2 [in]	Stroke s [in]	Location hole D H8 [in]	x [2] [in]	max. [°F]	[oz]	Art. No.
Pin: Steel/Light spring load										
1/4	**0.118**	**2.2**	0.275	0.157	0.020	1/4	0.035	482	0.024	**2B150.0010**
7/16	**0.197**	**4.5**	0.433	0.263	0.031	7/16	0.063	482	0.107	**2B150.0020**
7/16	**0.236**	**9.0**	0.433	0.421	0.039	7/16	0.071	482	0.137	**2B150.0025**
1/2	**0.315**	**11.2**	0.525	0.535	0.051	1/2	0.102	482	0.261	**2B150.0030**
5/8	**0.393**	**22.5**	0.669	0.657	0.063	5/8	0.126	482	0.527	**2B150.0040**
Pin: Steel/Standard spring load										
1/4	**0.118**	**4.5**	0.275	0.157	0.020	1/4	0.035	482	0.024	**2B150.0011**
7/16	**0.197**	**11.2**	0.433	0.263	0.031	7/16	0.063	482	0.115	**2B150.0021**
7/16	**0.236**	**16.9**	0.433	0.421	0.039	7/16	0.071	482	0.143	**2B150.0026**
1/2	**0.315**	**22.5**	0.525	0.535	0.051	1/2	0.102	482	0.277	**2B150.0031**
5/8	**0.393**	**34.0**	0.669	0.657	0.063	5/8	0.126	482	0.526	**2B150.0041**
Pin: Steel/Heavy spring load										
1/4	**0.118**	**9.0**	0.275	0.157	0.020	1/4	0.035	482	0.025	**2B150.0012**
7/16	**0.197**	**21.5**	0.433	0.263	0.031	7/16	0.063	482	0.123	**2B150.0022**
7/16	**0.236**	**22.5**	0.433	0.421	0.039	7/16	0.071	482	0.156	**2B150.0027**
1/2	**0.315**	**34.0**	0.525	0.535	0.051	1/2	0.102	482	0.292	**2B150.0032**
5/8	**0.393**	**45.0**	0.669	0.657	0.063	5/8	0.126	482	0.549	**2B150.0042**
Pin: Thermoplastic/Light spring load										
1/4	**0.118**	**2.2**	0.275	0.157	0.020	1/4	0.035	176	0.014	**2B150.0050**
7/16	**0.197**	**4.5**	0.433	0.263	0.031	7/16	0.063	176	0.062	**2B150.0060**
7/16	**0.236**	**9.0**	0.433	0.421	0.039	7/16	0.071	176	0.070	**2B150.0065**
1/2	**0.315**	**11.2**	0.525	0.547	0.051	1/2	0.102	176	0.118	**2B150.0070**
5/8	**0.393**	**22.5**	0.669	0.657	0.063	5/8	0.126	176	0.250	**2B150.0080**

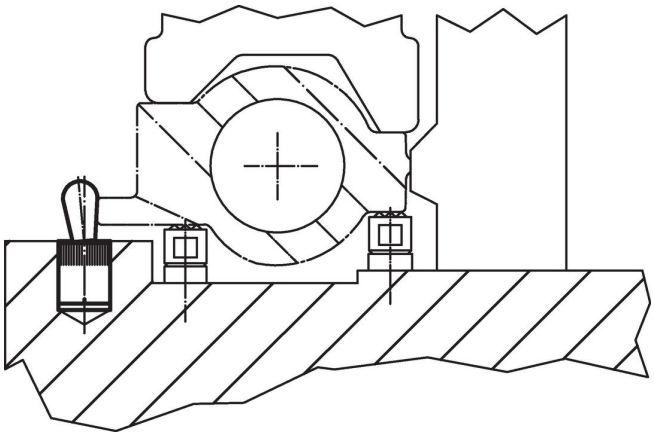
[1] statistical average value

[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**
	7/16	1.749	**22150.0831**
	1/2	2.321	**22150.0832**
	5/8	3.749	**22150.0833**

Application example



Compliance

For detailed compliance information please select the desired article number.