

Lateral Plungers • smooth, without seal

EH 22150.



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

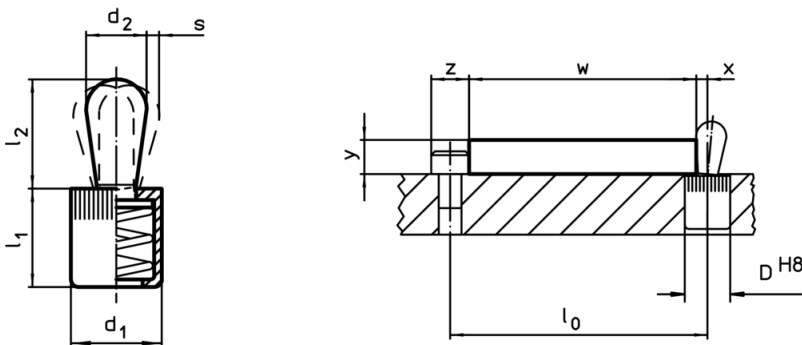
Version heavy spring load = spring from steel, zinc-plated by galvanization

More information

Further products

- Eccentric Mounting Bushings, for lateral plungers, smooth

Drawing



Order information


Dimensions		Spring load F max. ¹⁾ ~ [N]	Dimensions		Stroke s [mm]	Location hole D H8 [mm]	🌡️ max. [°C]	📦 [g]	Art. No.
d ₁	d ₂		l ₁ -1	l ₂ ±0.5					
[mm]			[mm]						
6	3	10	7.0	4.0	1.0	6	250	0.6	22150.0010
6	3	20	7.0	4.0	1.0	6	250	0.6	22150.0011
6	3	40	7.0	4.0	1.0	6	250	0.7	22150.0012
10	5	20	11.0	6.7	1.6	10	250	2.6	22150.0020
10	5	50	11.0	6.7	1.6	10	250	2.8	22150.0021
10	5	100	11.0	6.7	1.6	10	250	3.0	22150.0022

¹⁾ statistical average value

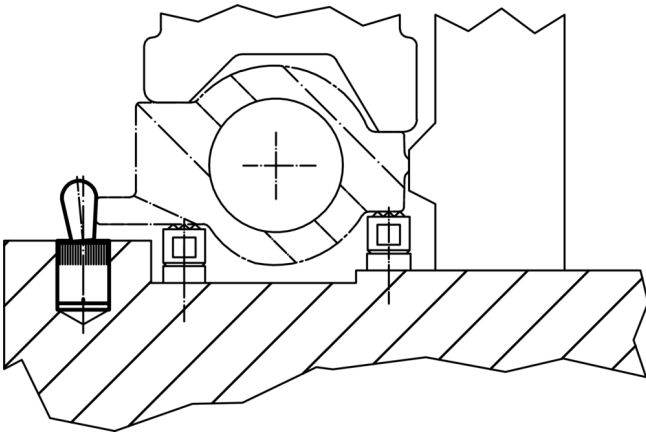
Dimensions		Spring load F max. ¹⁾ ~ [N]	Dimensions		Stroke s [mm]	Location hole D H8 [mm]	🌡️ max. [°C]	📦 [g]	Art. No.
d ₁ [mm]	d ₂ [mm]		l ₁ -1 [mm]	l ₂ ±0.5 [mm]					
10	6	40	11.0	10.7	2.0	10	250	3.4	22150.0025
10	6	75	11.0	10.7	2.0	10	250	3.6	22150.0026
10	6	100	11.0	10.7	2.0	10	250	3.9	22150.0027
12	8	50	13.5	13.6	2.6	12	250	6.8	22150.0030
12	8	100	13.5	13.6	2.6	12	250	7.3	22150.0031
12	8	150	13.5	13.6	2.6	12	250	7.8	22150.0032
16	10	100	18.0	16.7	3.2	16	250	14.0	22150.0040
16	10	150	18.0	16.7	3.2	16	250	15.0	22150.0041
16	10	200	18.0	16.7	3.2	16	250	15.0	22150.0042
6	3	10	7.0	4.0	1.0	6	80	0.3	22150.0050
10	5	20	11.0	6.7	1.6	10	80	1.3	22150.0060
10	6	40	11.0	10.7	2.0	10	80	1.5	22150.0062
12	8	50	13.5	13.9	2.6	12	80	2.9	22150.0070
16	10	100	18.0	16.7	3.2	16	80	6.6	22150.0080

¹⁾ statistical average value

Accessories

	Dimensions d ₁ [mm]	📦 [g]	Art. No.
Assembly Tool			
	6	19	22150.0830
	10	49	22150.0831
	12	86	22150.0832
	16	105	22150.0833

Application example



Compliance

For detailed compliance information please select the desired article number.