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

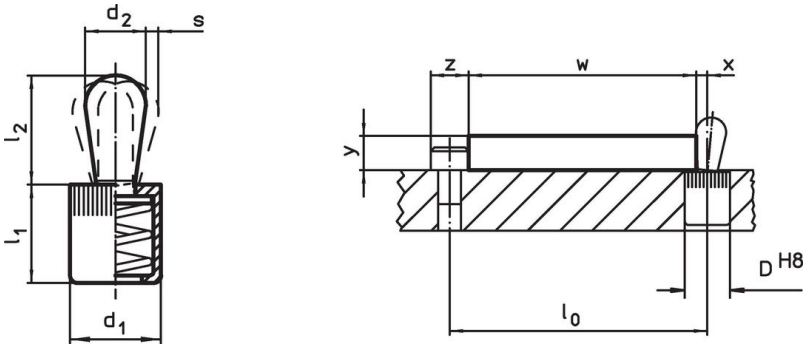
Version light spring load = spring from stainless steel
Version standard spring load = spring from steel, blackened
Version heavy spring load = spring from steel, zinc-plated by galvanization

More information

Further products

- Eccentric Mounting Bushings, for lateral plungers, smooth

Drawing



Order information

Dimensions d_1 [mm]	Dimensions d_2 [mm]	Spring load F max. 1) ~ [N]	Dimensions l_1 -1 [mm]	Dimensions l_2 ±0.5 [mm]	Stroke s [mm]	Location hole D H8 [mm]	max. [°C]	[g]	Art. No.
Pin: Steel/pin from steel, light spring load									
6	**3**	**10**	7.0	4.0	1.0	6	250	0.6	**22150.0010**
10	**5**	**20**	11.0	6.7	1.6	10	250	2.6	**22150.0020**
10	**6**	**40**	11.0	10.7	2.0	10	250	3.4	**22150.0025**
12	**8**	**50**	13.5	13.6	2.6	12	250	6.8	**22150.0030**
16	**10**	**100**	18.0	16.7	3.2	16	250	14.0	**22150.0040**

1) statistical average value

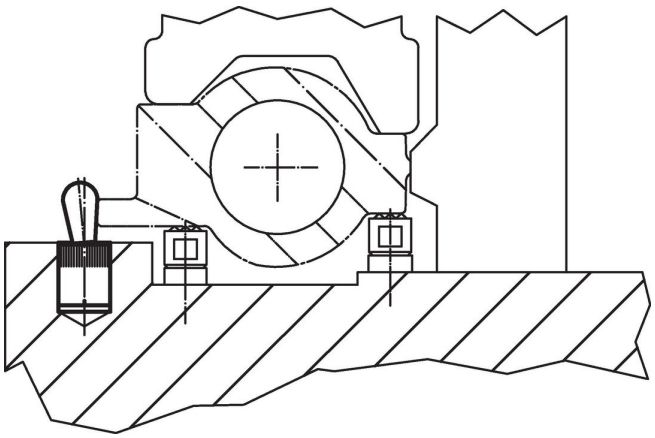
Dimensions d_1 [mm]	Dimensions d_2 [mm]	Spring load F max. [1] ~ [N]	Dimensions l_1 -1 [mm]	Dimensions l_2 ±0.5 [mm]	Stroke s [mm]	Location hole D H8 [mm]	max. [°C]	[g]	Art. No.
Pin: Steel/pin from steel, standard spring load									
6	**3**	**20**	7.0	4.0	1.0	6	250	0.6	22150.0011
10	**5**	**50**	11.0	6.7	1.6	10	250	2.8	22150.0021
10	**6**	**75**	11.0	10.7	2.0	10	250	3.6	22150.0026
12	**8**	**100**	13.5	13.6	2.6	12	250	7.3	22150.0031
16	**10**	**150**	18.0	16.7	3.2	16	250	15.0	22150.0041
Pin: Steel/pin from steel, heavy spring load									
6	**3**	**40**	7.0	4.0	1.0	6	250	0.7	22150.0012
10	**5**	**100**	11.0	6.7	1.6	10	250	3.0	22150.0022
10	**6**	**100**	11.0	10.7	2.0	10	250	3.9	22150.0027
12	**8**	**150**	13.5	13.6	2.6	12	250	7.8	22150.0032
16	**10**	**200**	18.0	16.7	3.2	16	250	15.0	22150.0042
Pin: Thermoplastic/pin from thermoplastic, light spring load									
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.