

## Lateral Plungers • smooth, with seal

EH 22150.



## Product Description

To be used for positioning and applying pressure, e.g. during painting and sandblasting.  
Sealed against chips and dirt.

## Material

## Seal

- CR

## 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

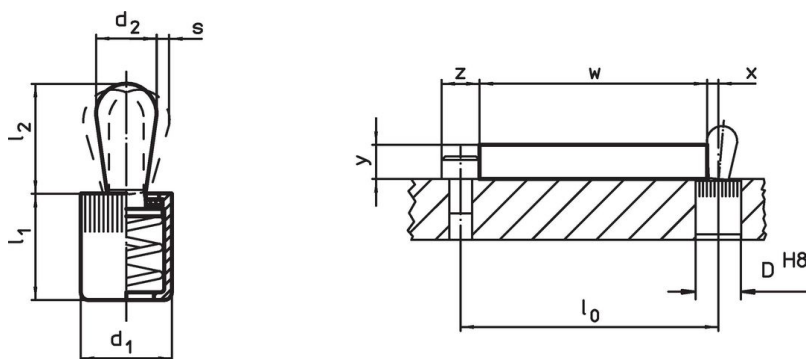
Version heavy spring load = spring from steel, zinc-plated by galvanization

## More information



## Further products

- Eccentric Mounting Bushings, for lateral plungers, smooth

## Drawing




## Order information

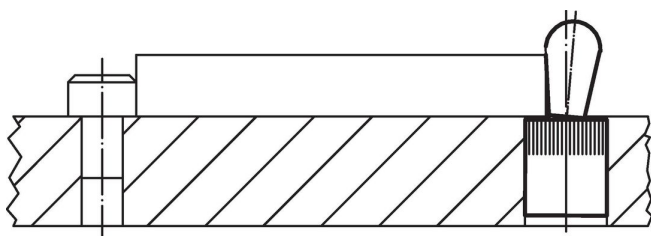
Dimensions d <sub>1</sub>  d <sub>2</sub>  [mm]		Spring load F max. <sup>1)</sup> ~ [N]	Dimensions l <sub>1</sub> -2  l <sub>2</sub> ±0.5  [mm]		Stroke s  [mm]	Location hole D H8  [mm]	 max.  [°C]	  [g]	Art. No.
Pin: Steel/pin from steel, light spring load									
6	3	10	7.5	4.0	1.0	6	110	0.6	<a href="#">22150.0110</a>
10	5	20	12.0	6.3	1.6	10	110	2.6	<a href="#">22150.0120</a>
10	6	40	12.0	10.3	2.0	10	110	3.5	<a href="#">22150.0125</a>
12	8	50	14.5	13.2	2.6	12	110	6.9	<a href="#">22150.0130</a>
16	10	100	18.5	16.4	3.2	16	110	15.0	<a href="#">22150.0140</a>
Pin: Steel/pin from steel, standard spring load									
6	3	20	7.5	4.0	1.0	6	110	0.6	<a href="#">22150.0111</a>
10	5	50	12.0	6.3	1.6	10	110	2.9	<a href="#">22150.0121</a>
10	6	75	12.0	10.3	2.0	10	110	3.6	<a href="#">22150.0126</a>
12	8	100	14.5	13.2	2.6	12	110	7.5	<a href="#">22150.0131</a>
16	10	150	18.5	16.4	3.2	16	110	15.0	<a href="#">22150.0141</a>
Pin: Steel/pin from steel, heavy spring load									
6	3	40	7.5	4.0	1.0	6	110	0.7	<a href="#">22150.0112</a>
10	5	100	12.0	6.3	1.6	10	110	3.0	<a href="#">22150.0122</a>
10	6	100	12.0	10.3	2.0	10	110	3.9	<a href="#">22150.0127</a>
12	8	150	14.5	13.2	2.6	12	110	7.9	<a href="#">22150.0132</a>
16	10	200	18.5	16.4	3.2	16	110	16.0	<a href="#">22150.0142</a>
Pin: Thermoplastic/pin from thermoplastic, light spring load									
6	3	10	7.5	4.0	1.0	6	80	0.4	<a href="#">22150.0150</a>
10	5	20	12.0	6.3	1.6	10	80	1.4	<a href="#">22150.0160</a>
10	6	40	12.0	10.3	2.0	10	80	1.6	<a href="#">22150.0165</a>
12	8	50	14.5	13.5	2.6	12	80	2.9	<a href="#">22150.0170</a>
16	10	100	18.5	16.4	3.2	16	80	7.3	<a href="#">22150.0180</a>

<sup>1)</sup> statistical average value

## Accessories

	Dimensions d <sub>1</sub> [mm]	[g]	Art. No.
assembly tool			
	6	19	<a href="#">22150.0830</a>
	10	49	<a href="#">22150.0831</a>
	12	86	<a href="#">22150.0832</a>
	16	105	<a href="#">22150.0833</a>

## Application example



## Compliance

For detailed compliance information please select the desired article number.