

## Lateral Spring Plungers

EH 22140.



## Product Description

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

## Material

## Ball

- Stainless steel, hardened
- Thermoplastic POM, white
- Ball-bearing steel, hardened

## Body

- Free cutting steel, blackened

## Spring

- Stainless steel
- Plastic (PU)

## Assembly

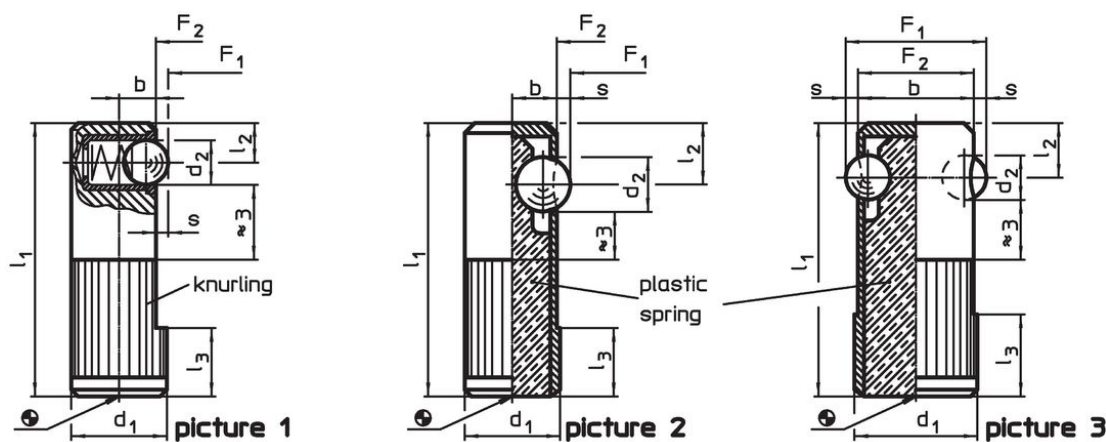
Insertion bore  $l_3$  to be considered.

## More information



## Notes

Special types on request.

## Drawing

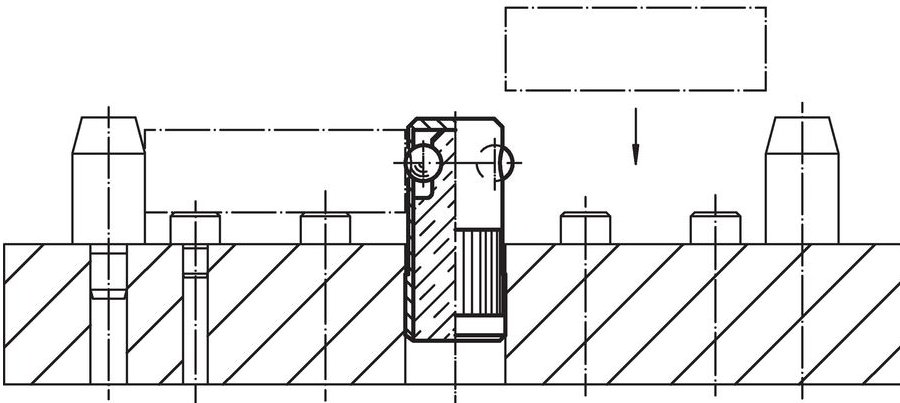
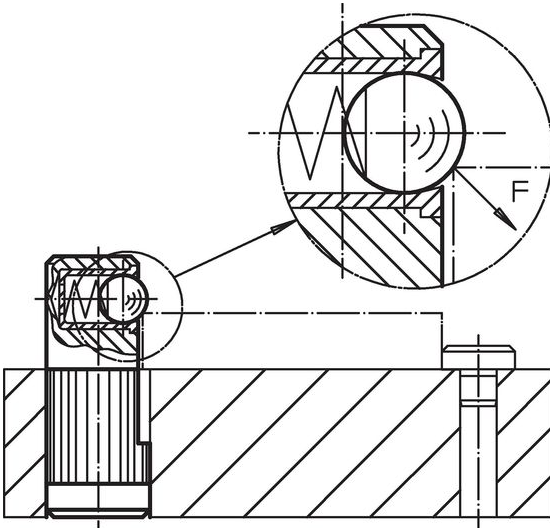


## Order information

Dimensions						Location hole H8	Stroke s	Spring load <sup>1)</sup>		 min. max.		 [g]	Art. No.
d <sub>1</sub> +0.1	d <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	b			F <sub>1</sub> ~	F <sub>2</sub> ~	[°C]			
[mm]						[mm]	[mm]	[N]					
ball from stainless steel, standard spring load, one-sided – picture 1													
8	3.0	25	3.6	6	3.2	8	0.8	2.5	6.5	-30	50	8.9	<a href="#">22140.0008</a>
10	4.0	30	4.2	7	4.0	10	1.0	4.5	9.0	-30	50	16.0	<a href="#">22140.0010</a>
12	5.0	35	4.8	9	5.0	12	1.6	6.5	13.0	-30	50	28.0	<a href="#">22140.0012</a>
14	6.5	40	5.8	10	5.4	14	1.9	8.0	18.0	-30	50	43.0	<a href="#">22140.0014</a>
ball from thermoplastic, standard spring load, one-sided – picture 1													
8	3.0	25	3.6	6	3.2	8	0.8	2.5	6.5	-30	50	8.8	<a href="#">22140.0108</a>
10	4.0	30	4.2	7	4.0	10	1.0	4.5	9.0	-30	50	16.0	<a href="#">22140.0110</a>
12	5.0	35	4.8	9	5.0	12	1.6	6.5	13.0	-30	50	28.0	<a href="#">22140.0112</a>
14	6.5	40	5.8	10	5.4	14	1.9	8.0	18.0	-30	50	42.0	<a href="#">22140.0114</a>
ball from ball-bearing steel, heavy spring load, one-sided – picture 2													
10	5.5	30	7.0	8	4.5	10	1.0	60.0	170.0	-40	80	8.6	<a href="#">22140.0410</a>
12	6.5	35	8.0	9	5.5	12	1.5	80.0	260.0	-40	80	14.0	<a href="#">22140.0412</a>
14	8.0	40	9.0	10	6.5	14	2.0	120.0	480.0	-40	80	20.0	<a href="#">22140.0414</a>
ball from ball-bearing steel, heavy spring load, on both sides – picture 3													
16	5.5	35	7.0	11	15.0	16	1.5	110.0	220.0	-40	80	20.0	<a href="#">22140.0616</a>
18	6.5	40	8.0	12	17.0	18	1.8	120.0	330.0	-40	80	29.0	<a href="#">22140.0618</a>
22	8.0	45	9.0	15	21.0	22	2.5	130.0	540.0	-40	80	43.0	<a href="#">22140.0622</a>

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

## Application example



## Compliance

### RoHS compliant

Contains lead - compliant according to exceptions 6a / 6b / 6c.

### Contains SVHC substances >0,1% w/w

Contains lead - SVHC list [REACH] as of 23.01.2024.

### Contains Proposition 65 substances



Lead can cause cancer and reproductive harm from exposure  
<https://www.P65Warnings.ca.gov/>

### Free from Conflict Minerals

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.