

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

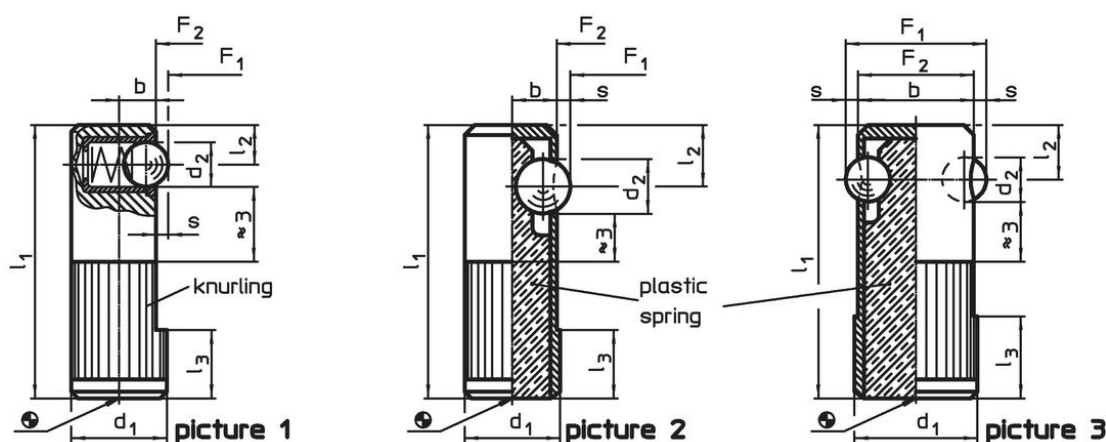
Insertion bore l_3 to be considered.

More information



Notes

Special types on request.

Drawing

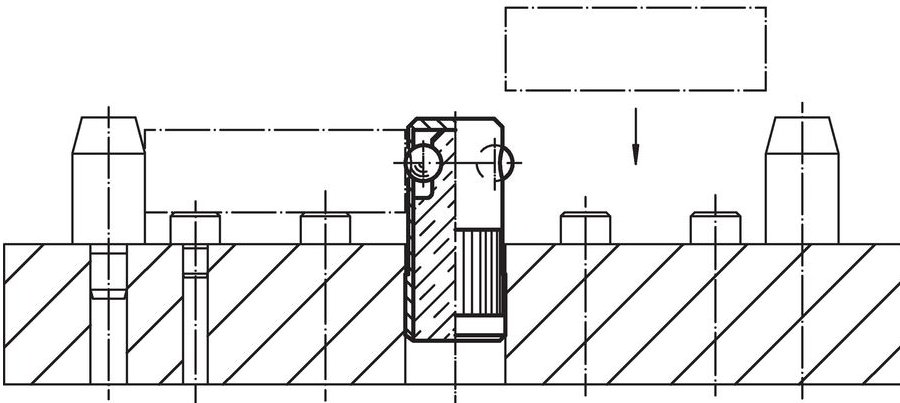
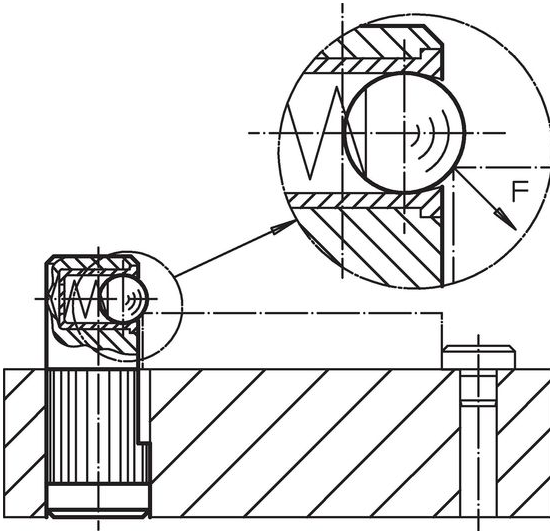


Order information

Dimensions						Location hole H8	Stroke s	Spring load ¹⁾		 min. max.			Art. No.
d ₁ +0.1	d ₂	l ₁	l ₂	l ₃	b			F ₁ ~	F ₂ ~	min.	max.		
[mm]						[mm]	[mm]	[N]		[°C]		[g]	
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	22140.0008
10	4.0	30	4.2	7	4.0	10	1.0	4.5	9.0	-30	50	16.0	22140.0010
12	5.0	35	4.8	9	5.0	12	1.6	6.5	13.0	-30	50	28.0	22140.0012
14	6.5	40	5.8	10	5.4	14	1.9	8.0	18.0	-30	50	43.0	22140.0014
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	22140.0108
10	4.0	30	4.2	7	4.0	10	1.0	4.5	9.0	-30	50	16.0	22140.0110
12	5.0	35	4.8	9	5.0	12	1.6	6.5	13.0	-30	50	28.0	22140.0112
14	6.5	40	5.8	10	5.4	14	1.9	8.0	18.0	-30	50	42.0	22140.0114
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	22140.0410
12	6.5	35	8.0	9	5.5	12	1.5	80.0	260.0	-40	80	14.0	22140.0412
14	8.0	40	9.0	10	6.5	14	2.0	120.0	480.0	-40	80	20.0	22140.0414
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	22140.0616
18	6.5	40	8.0	12	17.0	18	1.8	120.0	330.0	-40	80	29.0	22140.0618
22	8.0	45	9.0	15	21.0	22	2.5	130.0	540.0	-40	80	43.0	22140.0622

¹⁾ 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.