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Spring Bodies

EH 22100.



Product Description

Spring bodies can be used for locating.

Material

Body
- Steel, nickel-plated
- Stainless steel A2

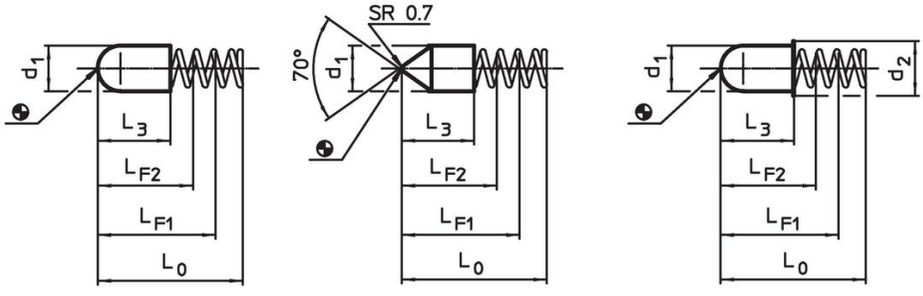
Spring
- Stainless steel 1.4310

More information

Notes

Special springs on request.

Drawing



picture 1 picture 2 picture 3

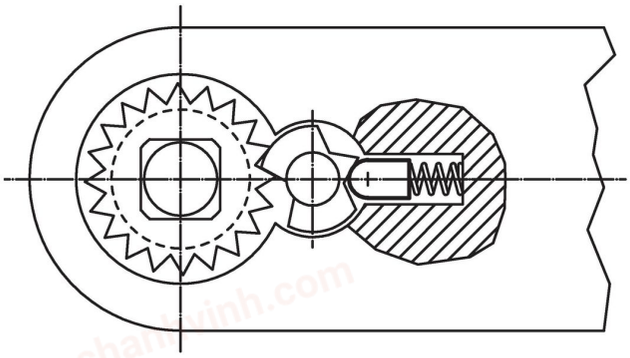
Order information

Dimensions						Stroke	Spring load[1]		Spring rate			Art. No.
d_1 ±0.05	L_0	d_2	L for F_1	L for F_2	L_3	s	F_1 ~	F_2 ~		max.		
[mm]						[mm]	[N]		[N/mm]	[°C]	[g]	
body from steel, round – picture 1												
2.2	16	–	12.0	10.5	7.8	1.5	2.2	3.0	0.53	250	0.1	22100.0012
2.6	8	–	6.5	5.2	3.8	1.3	1.1	2.0	0.70	250	0.1	22100.0016
3.0	12	–	9.0	8.7	6.0	0.3	6.2	6.8	2.00	250	0.2	22100.0022
3.0	16	–	13.0	10.7	8.5	2.3	4.8	8.4	1.60	250	0.3	22100.0024
3.4	12	–	9.0	7.8	6.0	1.2	5.0	7.0	1.69	250	0.2	22100.0034
3.4	15	–	12.0	8.2	7.3	3.8	5.9	13.3	1.95	250	0.2	22100.0036
4.0	14	–	12.0	9.0	8.0	3.0	5.0	12.3	2.45	250	0.4	22100.0042
5.0	16	–	13.0	10.4	8.0	2.6	8.0	15.0	2.70	250	0.6	22100.0052
body from stainless steel, round – picture 1												
3.0	16	–	13.0	10.6	8.0	2.4	4.8	8.6	1.60	250	0.2	22100.0124
3.6	18	–	15.0	11.5	9.0	1.5	6.7	14.5	2.24	250	0.4	22100.0137
4.0	16	–	13.0	11.4	7.5	1.6	8.0	12.3	2.70	250	0.4	22100.0144
body from steel, tipped – picture 2												
2.2	16	–	12.0	10.5	7.8	1.5	2.2	3.0	0.53	250	0.2	22100.0212
3.0	11	–	9.0	6.7	5.0	2.3	1.6	3.4	0.78	250	0.1	22100.0222
3.0	16	–	13.0	10.7	8.5	2.3	4.8	8.4	1.60	250	0.2	22100.0224
body from stainless steel, round, with collar – picture 3												
3.0	13	4.1	10.0	8.9	7.0	1.1	5.3	7.2	1.75	250	0.2	22100.0373

[1] statistical average value

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Application example



Compliance

RoHS-compliant
Compliant with Directive 2011/65/EU [RoHS].

Does not contain SVHC substances
No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 04.02.2026.

SCIP-code
N/A

Does not contain Proposition 65 substances
No Proposition 65 substances included.
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.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.