

Spring Plungers • with ball and internal hexagon

EH 22030.



Product Description

Spring plungers can be used for locating or for applying pressure, as a detent or for ejection.

Material

Body

- Free cutting steel, blackened
- Stainless steel 1.4305

Ball

- Ball-bearing steel, hardened
- Stainless steel, hardened

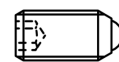
Spring

- stainless steel

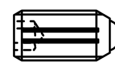
Characteristic

Standard spring load: no marking

Reinforced spring load: marked with two lines



Standard spring load



Heavy spring load

More information

Notes

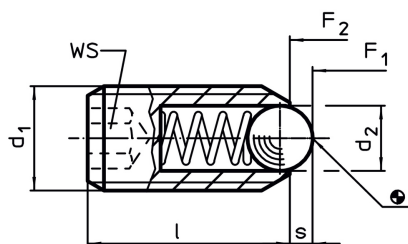
Special types on request.

Spring plungers are specially tested for spring range and forces.

References

Thread lock on request, please refer to appendix - Technical Data -
Calculation of indexing resistance, please refer to appendix - Technical Data -

Drawing



Order information

Dimensions			WS	Stroke s	Spring load ¹⁾				Art. No.
d ₁	d ₂	l			F ₁ ~	F ₂ ~	max.		
[mm]			[mm]	[mm]	[N]		[°C]	[g]	
free cutting steel, standard spring load									
M 3	1.5	8	1.5	0.4	3.0	4.5	250	0.2	22030.0003
M 4	2.5	12	2.0	0.8	8.5	14.0	250	0.6	22030.0004
M 5	3.0	14	2.5	0.9	8.0	14.0	250	1.2	22030.0005
M 6	3.5	15	3.0	1.0	11.0	18.0	250	1.7	22030.0006
M 8	4.5	18	4.0	1.5	18.0	31.0	250	3.9	22030.0008
M10	6.0	23	5.0	2.0	24.0	45.0	250	8.0	22030.0010
M12	8.0	26	6.0	2.5	26.0	49.0	250	13.0	22030.0012
M16	10.0	33	8.0	3.5	41.0	86.0	250	32.0	22030.0016
M20	12.0	43	10.0	4.5	56.0	111.0	250	67.0	22030.0020
M24	15.0	48	12.0	5.5	81.0	151.0	250	105.0	22030.0024
free cutting steel, heavy spring load									
M 4	2.5	12	2.0	0.8	12.0	18.0	250	0.6	22030.0044
M 5	3.0	14	2.5	0.9	15.0	22.0	250	1.2	22030.0045
M 6	3.5	15	3.0	1.0	19.0	28.0	250	1.7	22030.0046
M 8	4.5	18	4.0	1.5	36.0	62.0	250	4.0	22030.0048
M10	6.0	23	5.0	2.0	57.0	104.0	250	8.2	22030.0050

¹⁾ statistical average value