

Spring Plungers • long version
22070.0312



Product Description

To be used for ejecting, as a detent, for applying pressure or as a shock element.

Material

- Pin**
 - Stainless Steel 1.4305, nitrided
- Body**
 - Stainless steel 1.4305
- Spring**
 - Stainless steel

Assembly

Spring plungers can be mounted and removed by means of the slot or internal hexagon. Please use a special assembly tool for mounting with a slot (pin side).

Characteristic

Heavy spring load: marked with two lines



More information

Notes

Customized design on request.
Spring plungers are specially tested for spring range and forces.

References

Thread lock: polyamide all-around coating (for details please refer to the technical appendix).

Drawing



Order information

Dimensions							Stroke s [mm]	WS [mm]	Spring load ¹⁾		Temperature		Weight [g]	Art. No.
d_1	l_1	d_2	d_3	l_2	n	t			F_1 ~ [N]	F_2 ~ [N]	min. [°C]	max. [°C]		
stainless steel, heavy spring load, with thread lock														
M12	43	5.5	9.5	35	2.7	2	10	4	7	46	-30	90	23	22070.0312

¹⁾ statistical average value

Application example



Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 27.06.2024.

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.