

Spring Plungers • long version

22070.0530



Product Description

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

Material

Pin

- Steel, case-hardened, black

Body

- Free cutting steel, blackened

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

Special types 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 | WS | Spring load ¹⁾ | |  min. max. | |  | Art. No. |
|---|----------------|----------------|----------------|----------------|-----|---|-------------|------|---------------------------|---------------------|---|----|---|------------|
| d ₁ | d ₂ | d ₃ | l ₁ | l ₂ | n | t | | | F ₁ ~ | F ₂ ~ | [°C] | | | |
| [mm] | | | | | | | [mm] | [mm] | [N] | | | | [g] | |
| body from free cutting steel, heavy spring load, with thread lock | | | | | | | | | | | | | | |
| M16 | 8 | 13.4 | 48 | 35 | 3.2 | 3 | 10 | 6 | 10 | 43 | -30 | 90 | 47 | 22070.0530 |

¹⁾ statistical average value

Accessories

| | Dimensions | | | |  [g] | Art. No. |
|---|----------------|----|------|----|--|------------|
| | d ₁ | b | d | l | | |
| | [mm] | | | | | |
| Assembly Tool for mounting via slot (pin sided) | | | | | | |
|  | M16 | 80 | 13.4 | 95 | 110 | 22070.0834 |

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.