

Spring Plungers· smooth, without collar

22080.0362

Product Description

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



Material

Body

- Stainless steel 1.4305

Ball

- Stainless steel, hardened

Spring

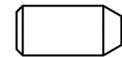
- stainless steel

Assembly

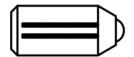
The locating hole has to be adapted to each individual application case. We recommend an F8 size location hole for easy assembly and an H9 size when tight fit is required.

Characteristic

Reinforced spring load: marked with two lines



Standard spring load



Heavy spring load

More information

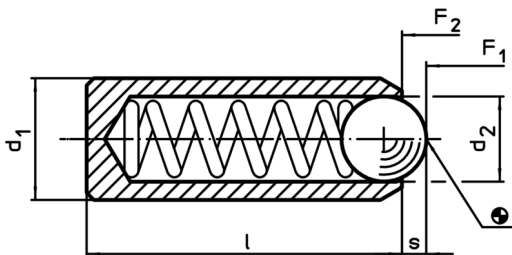
Notes

Special types on request.
Spring plungers are specially tested for spring range and forces.

References

Calculation of indexing resistance, see details at the start of the section.

Drawing



Order information

| Dimensions | | | Stroke s [mm] | Spring load ¹⁾ | | max. [°C] | Location hole joint connection F8 / press fit H9 [mm] | [g] | Art. No. |
|------------------------------------|------------------------|-----------|---------------------|---------------------------|-----------------------|--------------|--|-----|------------|
| d ₁ ±0,04 [mm] | d ₂ [mm] | l [mm] | | F ₁ [N] | F ₂ [N] | | | | |
| stainless steel, heavy spring load | | | | | | | | | |
| 3,5 | 2,5 | 9 | 0,8 | 12 | 18 | 250 | 3,5 | 0,6 | 22080.0362 |

¹⁾ statistical average value

Application example

