# Spring Plungers • with moveable ball and internal hexagon
## 22031.0246



### Product Description

Spring plungers can be used for locating or for applying pressure, as a detent or for ejection.
The running of the ball minimises wear on the counterpart, this also results in a positive locking behaviour depending on the counterpart.
Another advantage of the plastic ball is the electric insulation.

### Material

**Body**
• Stainless steel 1.4305
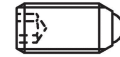
**Bearing**
• plastic

**Ball**
• Stainless steel, hardened

**Spring**
• Stainless steel

### Characteristic

Heavy spring load: marked with two lines



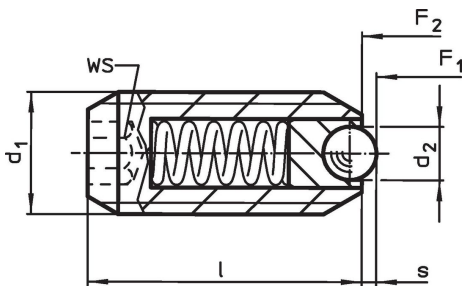Standard spring load          Heavy spring load

### 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 | | | $F_1$ ~ | $F_2$ ~ | min. | max. | | |
| [mm] | [mm] | [mm] | [mm] | [mm] | [N] | [N] | [°C] | [°C] | [g] | |
| stainless steel, heavy spring load | | | | | | | | | | |
| M6 | 2.5 | 15 | 3 | 0.7 | 11 | 16 | -30 | 90 | 1.6 | 22031.0246 |

[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 23.01.2024.

**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.