

Spring Plungers • with ball and internal hexagon  
22030.0220





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

Characteristic

- Standard spring load: no marking
- 
- Standard spring load      Heavy spring load

More information

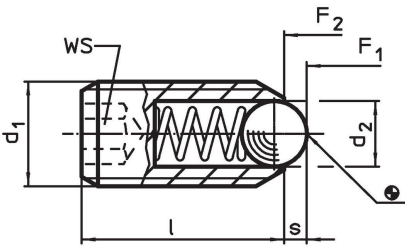
Notes

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

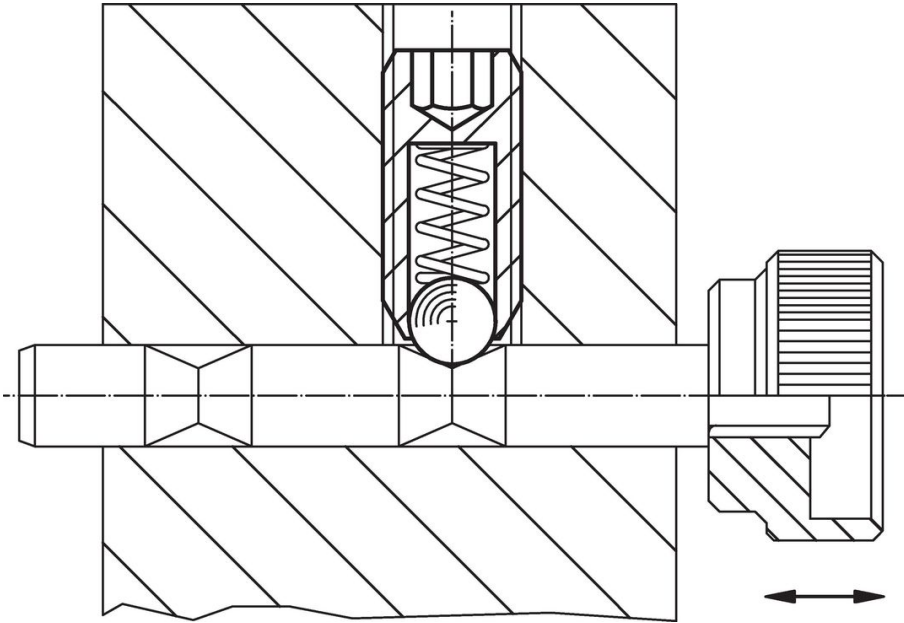


Order information

Dimensions			WS	Stroke s	Spring load <sup>1)</sup>		 max.		Art. No.
d <sub>1</sub>	d <sub>2</sub>	l			F <sub>1</sub> ~	F <sub>2</sub> ~			
[mm]			[mm]	[mm]	[N]		[°C]	[g]	
stainless steel, standard spring load									
M20	12	43	10	4.5	56	111	250	67	22030.0220

<sup>1)</sup> 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.