# **Spring Plungers** • with ball and slot 22050.0020



# **Product Description**

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

#### **Material**

#### Body

· Free cutting steel, blackened

· Ball-bearing steel, hardened

#### Spring

Stainless steel

#### Characteristic

Standard spring load: no marking





Standard spring load

Heavy spring load

#### More information

#### **Notes**

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

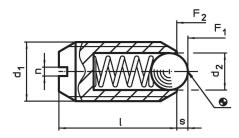
#### References

Thread lock on request, please refer to appendix - Technical Data -Calculation of indexing resistance, please refer to appendix - Technical Data -

#### **Further products**

- · Locators, with bore hole, for spring plungers
- · Locators, smooth, for spring plungers
- · Holders, for spring plungers
- Spring Plungers, with ball and slot INCH

# **Drawing**



# **Order information**

Dimensions				Stroke	Spring load <sup>1)</sup>		<u></u>	I	Art. No.
d <sub>1</sub>	d <sub>2</sub>	I	n	s	F <sub>1</sub>	F <sub>2</sub>	max.		
					~	~			
[mm]				[mm]	[N]		[°C]	[g]	
free cutting steel, standard spring load									
M20	12	30	2.5	4.5	56	111	250	45	22050.0020

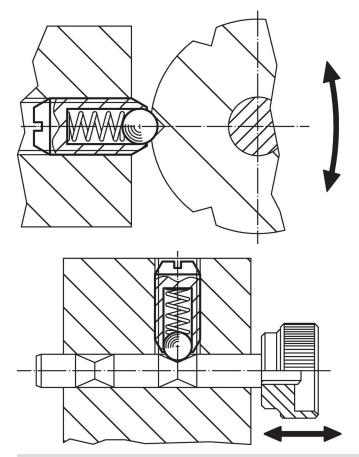
<sup>1)</sup> statistical average value

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# **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 27.06.2024.

# **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.



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