# **Spring Plungers •** smooth, without collar, with moveable ball 22081.0332



# **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

### **Assembly**

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

### More information

### **Notes**

Special types on request.

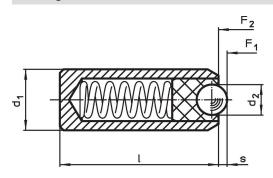
Spring plungers are specially tested for spring range and forces.

Calculation of indexing resistance, please refer to appendix - Technical Data -

## **Further products**

· Spring Plungers, smooth, without collar

# **Drawing**



### **Order information**

<b>d</b> <sub>1</sub> ±0.04	Dimensions d <sub>2</sub>	ı	Stroke s	Spring F <sub>1</sub>	load <sup>1)</sup> F <sub>2</sub> ~	min.	max.	Location hole joint connection F8 / press fit H9	ă	Art. No.
[mm]			[mm]	[N]		[°C]		[mm]	[g]	
body and ball from stainless steel										
12	8.5	22	3.1	38	68	-30	90	12	11	22081.0332

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

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# 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.



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