

## Spring Plungers with moveable ball and internal hexagon 22031.0210



### Product Description

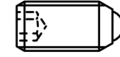
Spring plungers can be used for locating or for applying pressure, as a detent or for ejection. The running of the ball minimises wear on the counterpart, this also results in a positive locking behaviour depending on the counterpart. Plastic balls offer electric insulation.

### Material

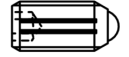
- Body**
- Stainless steel 1.4305
- Bearing**
- Plastic
- Ball**
- Stainless steel, hardened
- Spring**
- Stainless steel

### Characteristic

Standard spring load: no marking



Standard spring load



Heavy spring load

### More information

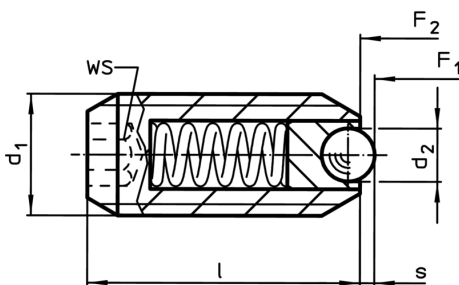
### Notes

Special types on request.  
Spring range and forces are precisely tested.

### References

Thread lock on request, please refer to appendix - Technical Data - Calculation of indexing resistance, see details at the start of the section.

### Drawing



### Order information

Dimensions			WS [mm]	Stroke s [mm]	Spring load <sup>1)</sup> [N]		min. [°C]	max. [°C]	[g]	Art. No.
d <sub>1</sub> [mm]	d <sub>2</sub> [mm]	l [mm]			F <sub>1</sub> ~	F <sub>2</sub> ~				
stainless steel, standard spring load										
M10	4,5	23	5	1,4	18,8	31,7	-30	90	10	22031.0210

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

Application example

