

Spring Plungers with moveable ball and internal hexagon 22031.0010



Product Description

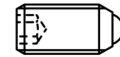
Spring plungers can be used for locating or for applying pressure, as a detent or for ejection. The running of the ball minimises wear on the counterpart, this also results in a positive locking behaviour depending on the counterpart. Plastic balls offer electric insulation.

Material

- Body**
 - Free cutting steel, blackened
- Bearing**
 - Plastic
- Ball**
 - Ball-bearing steel, hardened
- Spring**
 - Stainless steel

Characteristic

Standard spring load: no marking



Standard spring load



Heavy spring load

More information

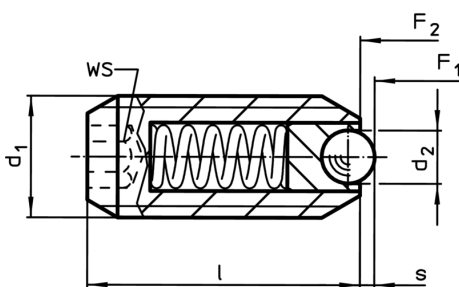
Notes

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 ¹⁾		min. max. [°C]	[g]	Art. No.	
d ₁	d ₂	l			F ₁ ~	F ₂ ~				[N]
free cutting steel, standard spring load										
M10	4,5	23	5	1,4	18,8	31,7	-30	90	10	22031.0010

¹⁾ statistical average value

Application example

