

## Spring Plungers · with moveable ball and internal hexagon 22031.0016

### Product Description



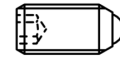
Spring plungers can be used for locating or for applying pressure, as a detent or for ejection. The running of the ball minimises wear on the counterpart, this also results in a positive locking behaviour depending on the counterpart. Plastic balls offer electric insulation.

#### 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

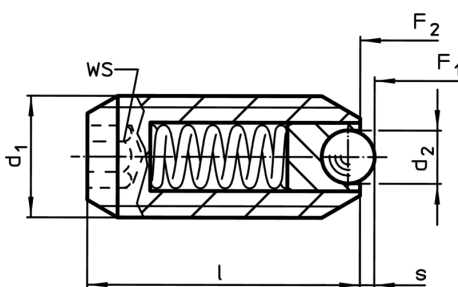
#### Notes

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 <sup>1)</sup>		min. [°C]	max. [°C]	g	Art. No.
d <sub>1</sub>	d <sub>2</sub>	l			F <sub>1</sub> ~ [N]	F <sub>2</sub> ~ [N]				
free cutting steel, standard spring load										
M16	8,5	33	8	3,1	38	68	-30	90	37	22031.0016

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

Application example

