

## Spring Plungers· smooth, with collar and ball

22080.0412



### Product Description

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

#### Material

##### Body

- Thermoplastic POM, blue

##### Ball

- Stainless steel, hardened

##### Spring

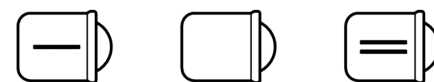
- Stainless steel

#### Assembly

A tolerance of H7 is recommended for the locating hole of  $d_1$ .

#### Characteristic

Standard spring load: no marking



Light spring load

Standard spring load

Heavy spring load

#### More information

#### Notes

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

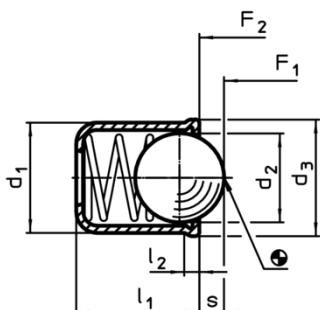
#### References

Calculation of indexing resistance, see details at the start of the section.  
Version with higher spring forces see "EH 22080. Spring Plungers, smooth, long, with collar and ball".

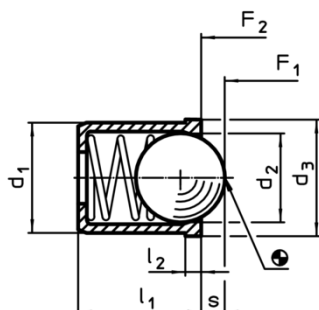
#### Further products

- Spring Plungers, smooth, long, with collar and ball

### Drawing



picture 1



picture 2

### Order information

Dimensions					Stroke	Spring load <sup>1)</sup>		Temperature		Location hole	Weight	Art. No.
$d_1$	$d_2$	$d_3$	$l_1$	$l_2$	$s$	$F_1$	$F_2$	min.	max.	H7	[g]	
+0,1				~		~	~	[°C]		[mm]		
[mm]												
[N]												
[mm]												
body from thermoplastic, ball from stainless steel, standard spring load – picture 2												
12	10	13	16	1,5	3,3	14	25	-30	50	12	5,8	22080.0412

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

Application example

