Spring Plungers- smooth, without collar, with moveable ball

**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

**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.

**References**

Calculation of indexing resistance, see details at the start of the section.

**Order information**

<table>
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<tr>
<th>d₁ (mm)</th>
<th>d₂ (mm)</th>
<th>l (mm)</th>
<th>Stroke s (mm)</th>
<th>Spring load¹ (N)</th>
<th>Location hole joint connection F8 / press fit H9 (mm)</th>
<th>Art. No.</th>
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¹ statistical average value