# Lateral Plungers• with plastic spring and pin
## 22150.0239

### Product Description

To be used for positioning and applying pressure, e.g. during painting and sandblasting.

### Material

**Spring**
• Plastic

**Pin**
• Thermoplastic POM, white

### Assembly

Moistening the body allows for easier installation.
Installation by pressing in.
Formula for calculating the center distance for the mounting hole:
$l_0 = z/2 + w + x$,
$l_0$ = center distance,
y = workpiece height,
w = workpiece length,
x = coordinate dimension,
s = stroke,
z = stop diameter
Calculation dimension x:
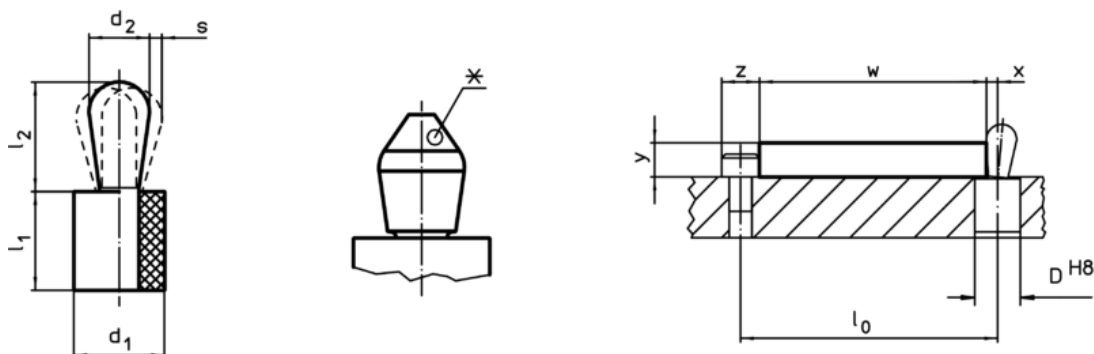y greater than or equal to $l_2 - d_2/2$, then $x = d_2/2 - s$
or
y smaller than $l_2 - d_2/2$, then $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$

### Characteristic

Heavy spring load = green spring

### Drawing



*some sizes (see chart) have a deviating pin shape

### Order information

| Dimensions | | Spring load | Dimensions | | Stroke | Location hole | 🌡 | 🏋 | Art. No. |
|---|---|---|---|---|---|---|---|---|---|
| $d_1$ | $d_2$ | F max.[1] ~ | $l_1$ -1 | $l_2$ ±0,5 | s | D H8 | max. | | |
| [mm] | | [N] | [mm] | | [mm] | [mm] | [°C] | [g] | |
| **Pin: Thermoplastic/heavy spring load** | | | | | | | | | |
| **10** | **6** | **60** | 9 | 10,3 | 1 | 9,9 | 80 | 0,11 | **22150.0239** |

[1] statistical average value

## Accessories

| | Dimensions<br>d$_1$<br>[mm] | 🔩<br>[g] | Art. No. |
|---|---|---|---|
| **assembly tool** | | | |
|  | 10 | 46 | **22150.0842** |