

Lateral Plungers with thread, with seal

22150.0458



Product Description

To be used for positioning and applying pressure, e.g. during painting and sandblasting. Sealed against chips and dirt.

Material

Seal

- CR

Body

- Steel, zinc-plated by galvanization

Spring

- Stainless steel

Pin

- Steel, case-hardened, zinc-plated by galvanization

Assembly

Lateral plungers are installed by screwing in by means of a mounting tool.

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

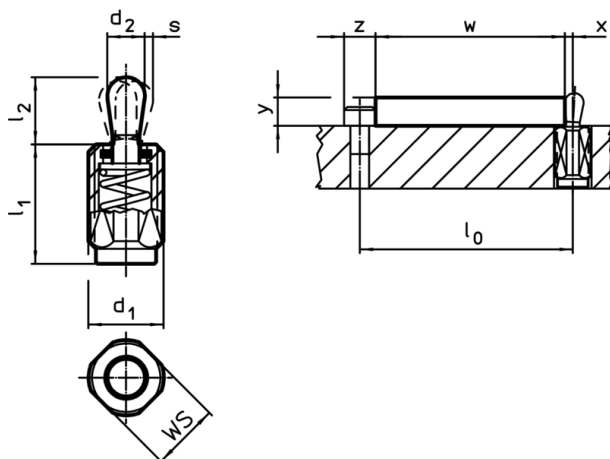
y smaller than $l_2 - d_2/2$, then $x =$

$$d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$$

Characteristic

Light spring load = spring from stainless steel

Drawing




Order information

| d ₁ | Dimensions | | d ₂ | l ₂ | Stroke s | WS | 🌡️ max. | 🔩 [g] | Art. No. |
|-------------------------------------|----------------------|----------------------------------------------------|----------------|----------------|-------------|------|------------|----------|------------|
| | l ₁ -2 | Spring load F max. ¹⁾ ~ [N] | | | | | | | |
| [mm] | | | [mm] | | [mm] | [mm] | [°C] | | |
| Pin: Steel/light spring load | | | | | | | | | |
| M18 x 1,5 | 45 | 100 | 10 | 16 | 1,6 | 16 | 110 | 36 | 22150.0458 |

¹⁾ statistical average value

Accessories

| | Dimensions d_1 [mm] |  [g] | Art. No. |
|---------------|-----------------------------|--------------------------------------------------------------------------------------------|------------|
| assembly tool | M18 x 1,5 | 137 | 22150.0822 |

Application example

