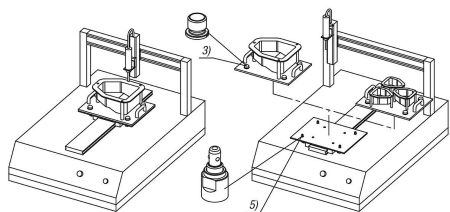
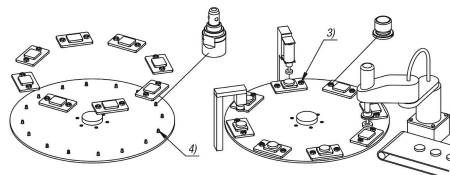


## Item description/product images



## Description

**Product description:**

By locating cylinder Form A, the clamping balls are pushed out by a spring. Compressed air is used to retract the balls.

By locating cylinder Form B, the clamping balls are initially retracted. Compressed air pushes the balls out.

**Material:**

Body, stainless steel.

Seal, NBR.

**Version:**

Stainless steel bright.

**Note for ordering:**

Form A is marked with a groove.

**Note:**

The stated clamping and retaining forces are related to an operating pressure of 0.5 Mpa.

When using several positioning units, the distance tolerance of  $\pm 0.1$  mm should not be exceeded.

Repeat accuracy  $\pm 0.2$  mm.

**Assembly:**

Installation dimensions are for a 6 mm thick plate.

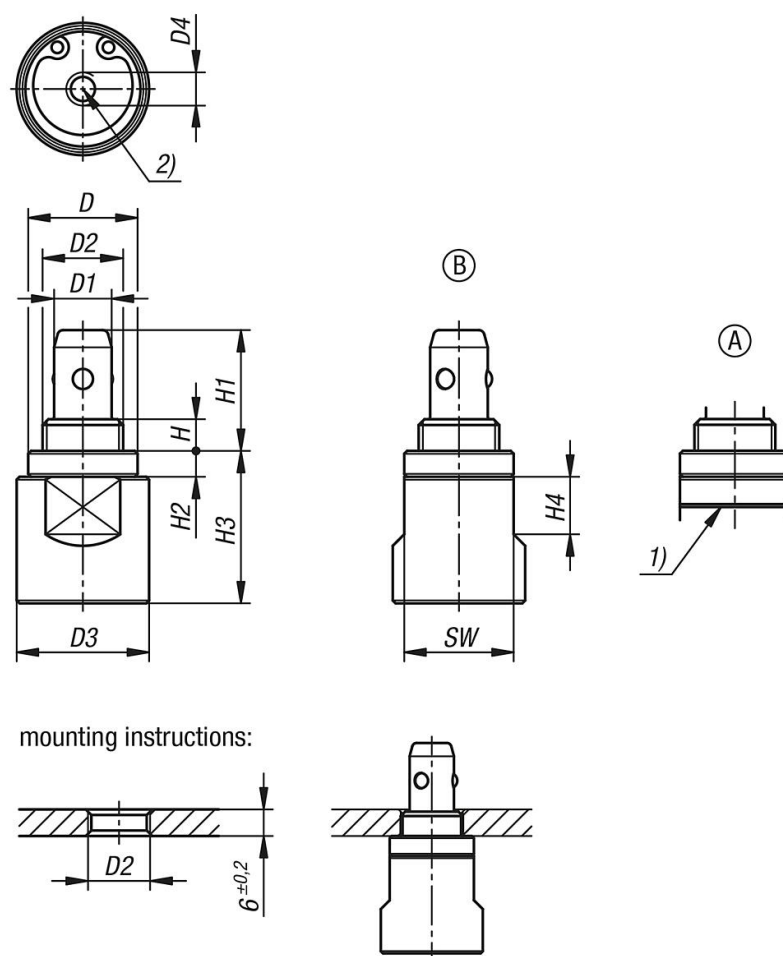
**Accessory:**

03161-11 locating bushes stainless steel.

**Drawing reference:**

- 1) Form A ID groove
- 2) Pneumatic connection
- 3) Locating bush for locating cylinder
- 4) Form A locating cylinder
- 5) Form B locating cylinder

## Drawings



## Overview of items

| Order No.      | Form | Form definition       | D  | D1 | D2    | D3 | D4 | H   | H1 | H2  | H3   | H4 | SW | Operating pressure MPa | F N | Holding force N |
|----------------|------|-----------------------|----|----|-------|----|----|-----|----|-----|------|----|----|------------------------|-----|-----------------|
| 03161-10-10140 | A    | spring-loaded         | 19 | 10 | M14x1 | 23 | M5 | 5,5 | 21 | 4,5 | 26,5 | 10 | 19 | 0,3 - 0,7              | 50  | 150             |
| 03161-10-10141 | B    | clamped pneumatically | 19 | 10 | M14x1 | 23 | M5 | 5,5 | 21 | 4,5 | 26,5 | 10 | 19 | 0,3 - 0,7              | 150 | 300             |