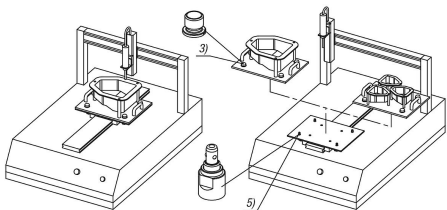
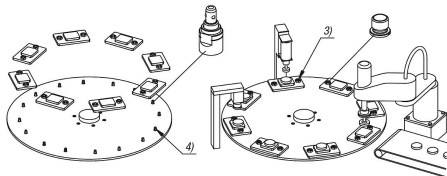


## Item description/product images



## 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.

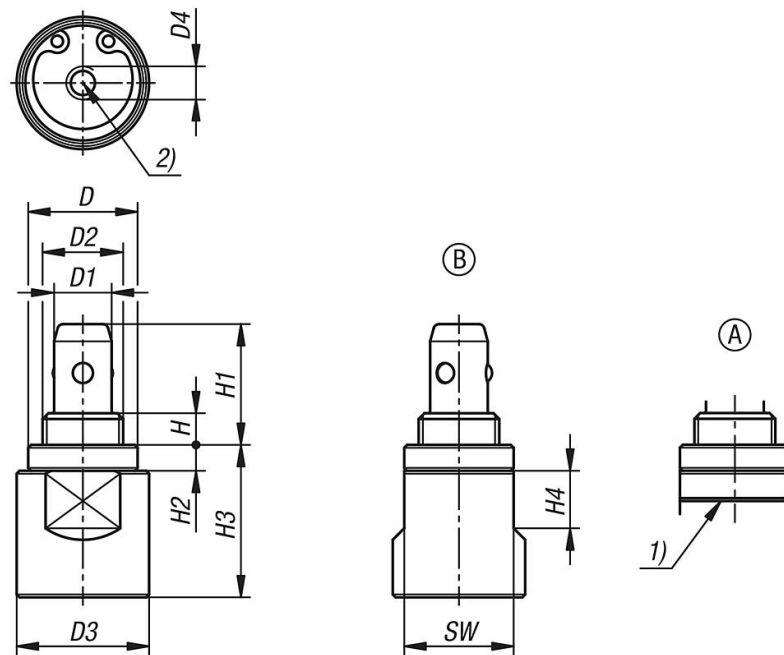
**Accessory:**

03161-11 locating bushes stainless steel.

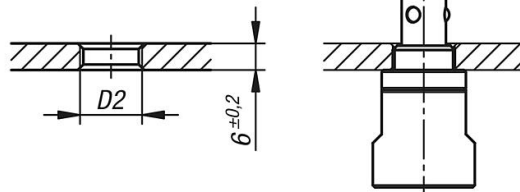
**Drawing reference:**

- 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



mounting instructions:



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