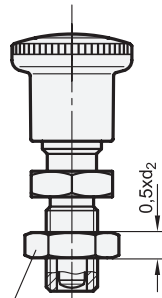
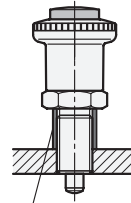


Plunger pin retracted



Lock nut ISO 8675

Assembly instruction



Distance bushing GN 609.5



- 3 Type**
- A** without lock nut
 - AK** with lock nut

1 d₁ Pin <small>-0,02 -0,04</small> Bore H7	2 l₁ min.	d₂	d₃	e	l₂ ≈	l₃	l₄	A/F	Spring load in N ≈		Axial load in N
									initial	end	
6	6	M 12 x 1,5	28	21,9	56	22	6	19	6,5	19	120
6	9	M 12 x 1,5	28	21,9	56	22	6	19	6	25	120
8	8	M 16 x 1,5	28	21,9	62	26	8	19	8,5	26	120
8	12	M 16 x 1,5	28	21,9	62	26	8	19	8,5	28	120
10	12	M 16 x 1,5	28	21,9	62	26	8	19	9,5	38	120

Specification

- Steel —
 - blackened
 - Plunger pin hardened
- Stainless Steel AISI 303 **NI**
 - Plunger pin chemically nickel plated
- Knob
 - Plastic (Polyamide PA)
 - black-grey, RAL 7021, matt
 - temperature resistant up to 80 °C
 - not removable
- Push-button
 - Plastic (Polyacetal POM)
 - red, RAL 3000, matt
- Load rating information → Page 1463
- ISO-Fundamental tolerances → Page 1479
- Stainless Steel characteristics → Page 1489
- Plastic characteristics → Page 1483
- RoHS compliant



Information

Stainless Steel-Indexing plungers GN 414 with safety lock are used when the inadvertent retraction of the plunger pin is to be prevented. The protruding plunger is first locked and may be unlocked for pulling only by exerting axial pressure on the red safety push-button.

The safety lock engages in the front end position, i.e. automatically if the plunger pin protrudes, with the locking mechanism housed fully in the operating button and protected from malfunctions. The specified axial load bearing capacity refers to the locking force of the bolt against inadvertent operation which must not be exceeded.

see also...

- List of indexing plunger types → Page 640 ff.
- Stainless Steel-Distance bushings GN 609.5 (to limit the thread length) → Page 694
- Flat hexagon nuts GN 909 → Page 695
- Positioning bushings GN 412.2 → Page 696

How to order (Steel)

GN 414-8-12-A

- 1 **d₁**
- 2 **l₁**
- 3 **Type**

How to order (Stainless Steel)

GN 414-10-12-A-NI

- 1 **d₁**
- 2 **l₁**
- 3 **Type**
- 4 **Material**