

Indexing plungers

Steel / Stainless Steel, with click-type safety lock, unlocking with push-button

SPECIFICATION

Types

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

Version in Steel

- blackened
- Pin hardened

Version in Stainless Steel AISI 303 NI

Pin chemically nickel plated

Knob

Plastic (Polyamide PA)

- black matt finish
- not removable
- black grey, RAL 7021, matt

Push-button

Technopolymer (Polyacetal POM)
red, RAL 3000, matt



INFORMATION

Indexing plungers GN 414.1 with click-type safety lock are used when the plunger pin is to be briefly prevented from protruding. When the pin is retracted to its end position, the button engages with a clearly audible click.

The safety lock can be unlocked only by exerting axial pressure on the red safety pushbutton, with the plunger pin then returning to its starting position by spring force.

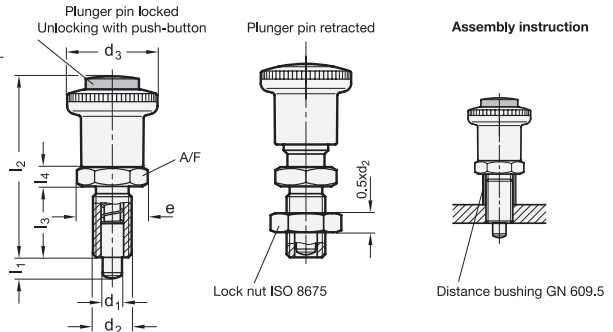
- Range of indexing plungers (see page 738)

TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)
- Stainless Steel characteristics (see page A26)
- Plastic characteristics (see page A2)

* Complete with type index of the Indexing plungers (A or AK)

- | | |
|------------------|---------------|
| A | AK |
| without lock nut | with lock nut |



GN 414.1

Description	d1 Pin -0.02/-0.04 Bore H7	l1 min.	d2	d3	e	l2 ≈	l3	l4	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 414.1-6-6-*	6	6	M 12 x 1.5	30	21.9	53.5	22	6	19	6.5	19	47
GN 414.1-6-9-*	6	9	M 12 x 1.5	30	21.9	53.5	22	6	19	6	25	48
GN 414.1-8-8-*	8	8	M 16 x 1.5	30	21.9	59.5	26	8	19	8.5	26	74
GN 414.1-8-12-*	8	12	M 16 x 1.5	30	21.9	59.5	26	8	19	8.5	28	77
GN 414.1-10-12-*	10	12	M 16 x 1.5	30	21.9	59.5	26	8	19	9.5	38	78

GN 414.1-NI

STAINLESS STEEL

Description	d1 Pin -0.02/-0.04 Bore H7	l1 min.	d2	d3	e	l2 ≈	l3	l4	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 414.1-6-6-*-NI	6	6	M 12 x 1.5	30	21.9	53.5	22	6	19	6.5	19	47
GN 414.1-6-9-*-NI	6	9	M 12 x 1.5	30	21.9	53.5	22	6	19	6	25	49
GN 414.1-8-8-*-NI	8	8	M 16 x 1.5	30	21.9	59.5	26	8	19	8.5	26	75
GN 414.1-8-12-*-NI	8	12	M 16 x 1.5	30	21.9	59.5	26	8	19	8.5	28	78
GN 414.1-10-12-*-NI	10	12	M 16 x 1.5	30	21.9	59.5	26	8	19	9.5	38	79

Weight type A