

Indexing plungers

Steel / Stainless Steel, with 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-grey, RAL 7021, matt
- temperature resistant up to 80 °C
- not removable

Push-button

Plastic (Polyacetal POM)

red, RAL 3000, matt



INFORMATION

Indexing plungers GN 414 with safety function 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

In every case, the safety lock engages in the front end position, i.e. automatically if the indexing 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.

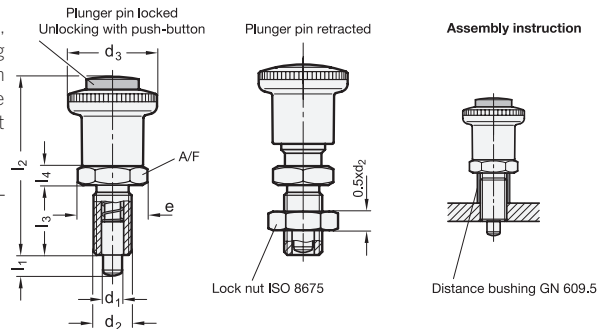
- Range of indexing plungers (see page 738)

TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)

* Complete with type index of the Indexing plungers

A AK



GN 414

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	Axial load in N	⚖️
GN 414-6-6-*	6	6	M12 x 1.5	28	21.9	56	22	6	19	6.5	19	120	44
GN 414-6-9-*	6	9	M12 x 1.5	28	21.9	56	22	6	19	6	25	120	45
GN 414-8-8-*	8	8	M16 x 1.5	28	21.9	62	26	8	19	8.5	26	120	70
GN 414-8-12-*	8	12	M16 x 1.5	28	21.9	62	26	8	19	8.5	28	120	72
GN 414-10-12-*	10	12	M16 x 1.5	28	21.9	62	26	8	19	9.5	38	120	74

GN 414-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	Axial load in N	⚖️
GN 414-6-6-*-NI	6	6	M12 x 1.5	28	21.9	56	22	6	19	6.5	19	120	44
GN 414-6-9-*-NI	6	9	M12 x 1.5	28	21.9	56	22	6	19	6	25	120	45
GN 414-8-8-*-NI	8	8	M16 x 1.5	28	21.9	62	26	8	19	8.5	26	120	70
GN 414-8-12-*-NI	8	12	M16 x 1.5	28	21.9	62	26	8	19	8.5	28	120	72
GN 414-10-12-*-NI	10	12	M16 x 1.5	28	21.9	62	26	8	19	9.5	38	120	74

Weight type A

