



1 **THREADED BODY AND LOCKING NUT**

AISI 303 stainless steel.

2 **PLUNGER**

Suggested tolerance for matching hole = H7.
Nickel-plated AISI 303 stainless steel.

3 **KNOB**

High-resilience polyamide based (PA) technopolymer, black colour, matte finish.

4 **SAFETY PUSH BUTTON**

High-resilience polyamide based (PA) technopolymer, RAL 3000 red colour, matte finish.

5 **STANDARD EXECUTIONS**

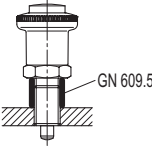
- **GN 414-A-NI**: without locking nut.
- **GN 414-AK-NI**: with locking nut.

6 **FEATURES AND APPLICATIONS**

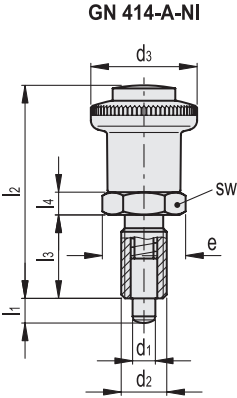
Indexing plungers with safety device are used when it is necessary to prevent any accidental movement of the plunger.
The plunger can be locked in the protruding position and can only be unlocked by pushing the red safety button.
The locking is automatic when the final position has been reached.
The locking mechanism is fully integrated with the operating button, malfunction caused by dirt or foreign objects are therefore excluded.

7 **ACCESSORIES ON REQUEST**

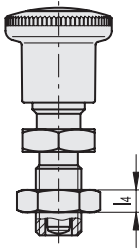
AISI 303 stainless steel distance bushings GN 609.5 (see page 562) for the assembly of the indexing plunger on thin sheets.



Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
6	0.24
8	0.31
19	0.39



GN 414-AK-NI



GN 414-A-NI

Code	Description	d1										Spring preload [N]	Spring max load [N]	Axial holding force [N]	
		Plunger -0.02 -0.04 Hole H7	d2	d3	e	l1 min	l2	l3	l4	sw					
GN.26436	GN 414-6-6-A-NI	6	M 12 x 1.5	28	21.9	6	56	22	6	19	6.5	19	120	44	
GN.26437	GN 414-6-9-A-NI	6	M 12 x 1.5	28	21.9	9	56	22	6	19	6	25	120	45	
GN.26438	GN 414-8-8-A-NI	8	M 16 x 1.5	28	21.9	8	62	26	8	19	8.5	26	120	70	
GN.26439	GN 414-8-12-A-NI	8	M 16 x 1.5	28	21.9	12	62	26	8	19	8.5	28	120	72	
GN.26440	GN 414-10-12-A-NI	10	M 16 x 1.5	28	21.9	12	62	26	8	19	9.5	38	120	74	

GN 414-AK-NI

GN.26431	GN 414-6-6-AK-NI	6	M 12 x 1.5	28	21.9	6	56	22	6	19	6.5	19	120	44
GN.26432	GN 414-6-9-AK-NI	6	M 12 x 1.5	28	21.9	9	56	22	6	19	6	25	120	45
GN.26433	GN 414-8-8-AK-NI	8	M 16 x 1.5	28	21.9	8	62	26	8	19	8.5	26	120	70
GN.26434	GN 414-8-12-AK-NI	8	M 16 x 1.5	28	21.9	12	62	26	8	19	8.5	28	120	72
GN.26435	GN 414-10-12-AK-NI	10	M 16 x 1.5	28	21.9	12	62	26	8	19	9.5	38	120	74