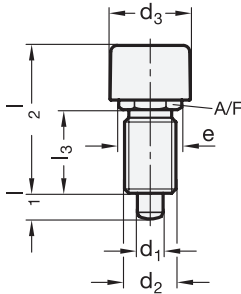
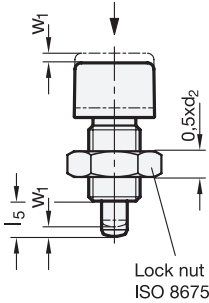


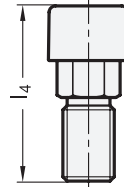
Indexing pin protrudes and is in locking position



Button pushed by w_1 ; Indexing pin unlocked



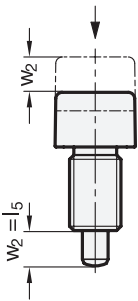
Indexing pin retracted via pressure spring and held in position



2 Type

- A without lock nut
- AK with lock nut

Button pushed by w_2 ; Indexing pin moves back into locking position



1

d_1 Plunger $^{-0.02}$ Bore H7	d_2	d_3	e	l_1	l_2	l_3	l_4	l_5	A/F	w_1	w_2	Spring load in N \approx	
												initial	end
6	M 12 x 1,5	19	15	6	38	20	44,5	9	13	3	9	8,5	25
8	M 16 x 1,5	25	19	8	46	26	54,5	11	17	3	11	18	44

Specification

- Steel
 - nitrided
 - blackened
- Knob
 - Plastic (Polyamide PA)
 - black, matt
- Load rating information → Page 1463
- ISO-Fundamental tolerances → Page 1479
- Plastic characteristics → Page 1483
- RoHS compliant

Information

The plunger pin in the locking plungers GN 514 is moved via a so-called cardioid mechanism.

This mechanism means that the plunger pin is both extended and retracted alone by **pressing** the operating button (PUSH-PUSH locking mechanism).

Please note that the plunger pin **cannot absorb any axial forces** and that it retracts virtually by spring action; the plunger pin must therefore remain free and easy to move.

see also...

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

How to order

GN514-8-A

1 d_1

2 Type