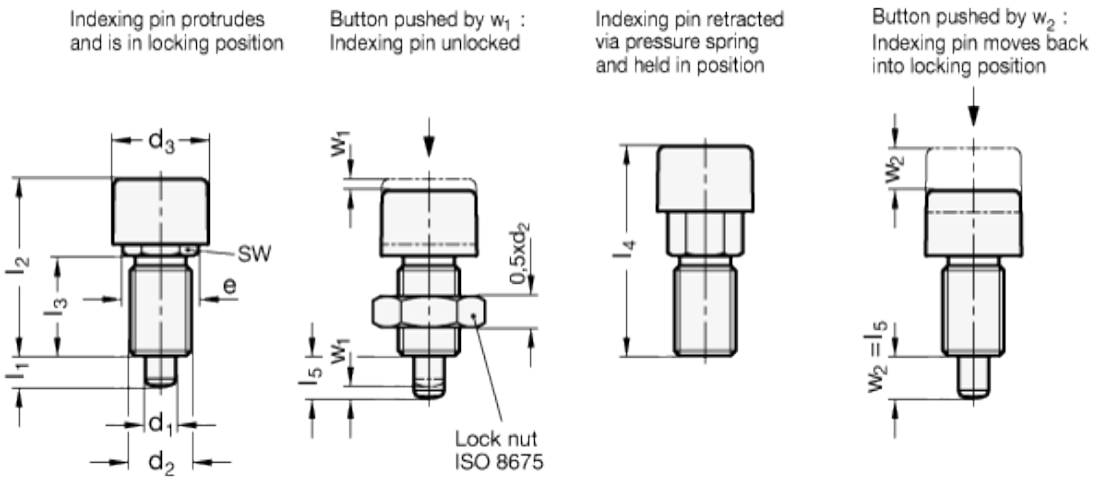
GN 514

Indexing plungers
with PUSH-PUSH locking device



technical informations

Threaded body

Black-oxide steel, nitrided.

Plunger

Black-oxide steel, nitrided. Suggested matching hole in H7 tolerance.

Locking nut

Black-oxide steel.

"Push / Push" knob

Plastic, polyamide based (PA) technpolymer, black matte.

Standard versions available

- Type A: without locking nut.
- Type AK: with locking nut, ISO 8675.

Features and applications

The indexing pin in the locking plungers GN 514 is moved via a so-called cardioid mechanism.
This mechanism means that the indexing pin is both extended and retracted alone by pressing the operating button (PUSH-PUSH locking mechanism).
Please note that the indexing pin cannot absorb any axial forces and that it retracts virtually by spring action; the indexing pin must therefore remain free and easy to move.
Installation can also be made with distance bushings instead of the counter nut.

Standard Elements	Main dimensions												**Spring pressure in N ≈**		Weigh
Description	$d_{1\ -0.02/-0.05}$	d_2	d_3	e	l_1	l_2	l_3	l_4	l_5	A / F	w_1	w_2	Preload	Max. load	g
GN 514-6-A	6	M12x1.5	19	15	6	38	20	44.5	9	13	3	9	20	30	40
GN 514-8-A	8	M16x1.5	25	19	8	46	26	54.5	11	17	3	11	40	65	16
GN 514-6-AK	6	M12x1.5	19	15	6	38	20	44.5	9	13	3	9	20	30	50
GN 514-8-AK	8	M16x1.5	25	19	8	46	26	54.5	11	17	3	11	40	65	79