## Indexing plungers with safety clamping knob

Steel



#### THREADED BODY

Zinc-plated steel.

#### **PLUNGER**

Nitrided and black-oxide steel.

Suggested tolerance for matching hole = G7.

#### LOCKING NUT

Zinc-plated steel.

#### KNOB

Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish.

#### CENTRE CAP

Glass-fibre reinforced polyamide-based (PA)technopolymer, colour light grey.

#### FEATURES AND APPLICATIONS

GN 7336.8 indexing plungers, a further development of GN 7336.7, are used where it is necessary to simultaneously position, lock and make secure elements whose position needs to be changed.

Thanks to its special configuration, GN 7336.8 plunger cannot be extracted from the positioning hole by simply turning the knob, as for GN 7336.7 plunger, but it can be extracted only after unlocking it from the safety position by unscrewing M8 fastening screw by 5 mm and turning the knob (when the plunger is unlocked from the safety position, the spring releases and the plunger can be lifted).

#### ACCESSORIES ON REQUEST

Knob with M8

fastening screw completely locked: the plunger cannot be lifted (safety position)

AISI 303 stainless steel distance bushings GN 609.5 (see page 906), for making up for the length of threading in case the plunger is assembled on thin sheets.

Locking position

d-

dз

d<sub>4</sub>

Locking stroke by

actioning the knob

M8

Threaded

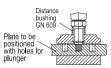
Closing

surface

body



### Assembly example



Positioning of the plate by the plunger, fixing to the closing surface of the plunger by turning the knob to fasten the M8 screw.



Clamping knob unlocked with the M8 screw completely unscrewed, the plunger remains positioned (safety function).



Unlocked M8 fastening screw, the plunger can now be lifted and extracted from the positioning hole.





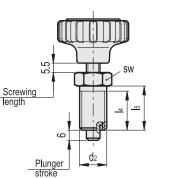




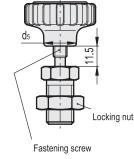




# Retracted plunger



Closing position



Code	Description	d1	d2	d3 Plunger -0.02 -0.04 Hole G7	d4	d5	l1	12	<b>I</b> 3	14	<b>I</b> 5	sw	Spring preload [N]	Spring max load [N]	۵ مح
GN.29261	GN 7336.8-42-M16x1.5-6	42	M16x1.5	6	11	19	60	9	34	23	26	19	14	26	100
GN.29266	GN 7336.8-42-M16x1.5-8	42	M16x1.5	8	11	19	60	9	34	23	26	19	14	26	100
GN.29271	GN 7336.8-53-M16x1.5-6	53	M16x1.5	6	11	24	66	9	34	23	26	19	14	26	120
GN.29273	GN 7336.8-53-M16x1.5-8	53	M16x1.5	8	11	24	66	9	34	23	26	19	14	26	120

Indexing and positioning elements