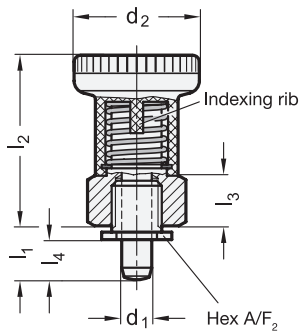
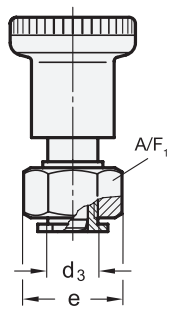
Indexing Plungers

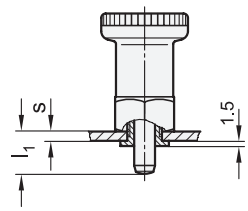
Steel, for Installation in Thin Walled Equipment, with Rest Position



Plunger pin retracted



Assembly instruction



1 d_1 Plunger $^{-0,02}_{-0,05}$ Guide H7	2 l_1	d_2	d_3	e	l_2	l_3	l_4 Stroke	s Clamping distance	A/F_1	A/F_2	Spring load in N≈ Initial	Spring load in N≈ End	Axial load in N
6	8,5	25	10	19,5	34	10	6	1 ... 3	17	14	10	24	400
6	10,5	25	10	19,5	34	10	6	3 ... 5	17	14	10	24	400
8	10	31	12	22	40	12	7,5	1 ... 5	19	16	13	23	500
8	12	31	12	22	40	12	7,5	3 ... 5	19	16	13	23	500

Specification

3

Guide
Steel **ST**
Zinc plated, blue passivated

Plunger pin
Stainless steel AISI 303
Chemically nickel plated

Knob
Plastic, Polyamide (PA)
- Black, matte finish
- Not removable

Pressure spring
Stainless steel AISI 301

RoHS

Accessory	Page
GN 607.9 Double Ring Spanner	QVX
GN 412.2 Positioning Bushings (Steel)	QVX
GN 412.3 Positioning Bushings	QVX

Indexing plungers GN 607.3 have been developed for installation in thin walled equipment.
It has to be taken into consideration that, depending on the mounting plate thickness ‚s', the protruding plunger length ‚l_1' and the position of the hex nut on its centre bush, the plunger nose might not always be fully retractable.
For design reasons the positional accuracy of this indexing plunger is not as precise as plunger GN 607.
Indexing plungers with rest position are used for such applications where the plunger has to stay in its retracted position. To achieve this, the knob is rotated by 90° degrees after being retracted. A notch keeps the plunger in this position.

Technical Information	Page
Overview of Indexing Plunger Types	QVX
Load Rating Information	QVX
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

How to order

1 2 3
GN 607.3-8-10-ST

1	d_1
2	l_1
3	Material