



d ₁ Plunger ^{-0.02} / _{-0.05} Bore H7	l ₁	b ₁	b ₂	d ₂ ^{-0.02} / _{-0.1}	d ₃	d ₄	d ₅	k	l ₂	l ₃ -0.15	l ₄	l ₅ Stroke	Spring load in N ≈		Axial load in N
													Initial	End	
6	6	40	18	10	25	4,3	8,3	30	37	2,5	4,5	6	9	25	400
6	14	40	18	10	25	4,3	8,3	30	45	2,5	4,5	6	9	25	400
8	8	46	20	12	31	5,3	10,4	34	44	2,5	5,5	8	13	26	500
8	18	46	20	12	31	5,3	10,4	34	54	2,5	5,5	8	13	26	500

Specification

Guide

Zinc die casting
Zinc plated, blue passivated

Knob

Plastic, Polyamide (PA)
• Black, matte finish
• Not removable

GN 608.1

• Plunger pin
Steel
Tip hardened
• Single components
Steel

GN 608.6

• Plunger pin
Stainless steel AISI 303
Chemically nickel-plated
• Single components
Stainless steel

RoHS

Accessory

Page

GN 412.2 | GN 412.4 Positioning Bushings QVX

GN 412.3 | GN 412.5 Positioning Bushings (with Ramping Cone) QVX

Indexing plungers GN 608.1 / GN 608.6 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.

Indexing plungers GN 608.1 / GN 608.6 are distinguished for their small dimensions. The locking tab is integrated into the knob thus giving reliable operation at all times.

see also...

Page

List of Indexing Plunger Types QVX

GN 817.1 Indexing Plungers QVX

GN 822.8 Mini Indexing Plungers (mit / ohne Rastsperr) QVX

Technical Information

Load Rating Information QVX

ISO Fundamental Tolerances QVX

Plastic Characteristics QVX

How to order (Steel)

GN 608.1-8-8

1	d ₁
2	l ₁

How to order (Stainless steel)

GN 608.6-6-14

1	d ₁
2	l ₁