



- 3 Type**
- A** Without plastic cap, without lock nut
 - B** With plastic cap, without lock nut
 - AK** Without plastic cap, with lock nut
 - BK** With plastic cap, with lock nut

d ₁	Stainless Steel Pin -0.05 Bore H7	d ₂		d ₃	l ₁	l ₂	l ₃ +1,5	l ₄	l ₅	Spring load in N ≈	
										Initial	End
4*	4*	M 10	M 10 x 1	10	37,5	6	19	21	-	7	20
5*	5*	M 10	M 10 x 1	10	37,5	6	19	21	-	7	20
5	5	M 12	M 12 x 1,5	12	47	8	26	26	32	8	18
6*	6*	M 10	M 10 x 1	10	37,5	6	19	21	-	7	20
6	6	M 12	M 12 x 1,5	12	47	8	26	26	32	8	18
6	6	M 16	M 16 x 1,5	16	56	10	30	32	42	11	29
8	8	M 12	M 12 x 1,5	12	47	8	26	26	32	8	18
8	8	M 16	M 16 x 1,5	16	56	10	30	32	42	11	29
8	8	M 20	M 20 x 1,5	20	69	12	36	37	52	21	57
10	10	M 16	M 16 x 1,5	16	56	10	30	32	42	11	29
10	10	M 20	M 20 x 1,5	20	69	12	36	37	52	21	57
12	12	M 20	M 20 x 1,5	20	69	12	36	37	52	21	57

* These sizes are only available in Type A and Type AK.

Specification

Guide

- Steel, blackened
- Stainless steel AISI 303

Plunger pin

- Steel nitrided
- Stainless steel AISI 303 for NI

Latch arm

- Steel sintered
- Stainless steel AISI 316LHC sintered for NI

Cap for type B / BK

- Plastic, polyamide (PA)
- Black, matte finish

Pressure spring

Stainless steel AISI 301

RoHS

Technical Information

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- List of cam action indexing plunger types QVX
- Load Rating Information QVX
- ISO Fundamental Tolerances QVX
- Stainless Steel Characteristics QVX

Cam action indexing plungers GN 612 are used in cases where the locking pin must not protrude all the time. By rotating the lock through 180° the locking pin withdraws itself. A groove is provided in either position to prevent the lock from rotating.

Accessory

Page

- GN 412.1 Mounting Blocks (Zinc Die Casting) QVX
- GN 612.1 Mounting Blocks (Steel / Stainless Steel) QVX
- GN 412.2 | GN 412.4 Positioning Bushings (with Collar) QVX
- GN 412.3 | GN 412.5 Positioning Bushings (with Ramping Cone) QVX
- GN 909 | GN 909.5 Thin Hex Nuts (Fine Thread) QVX
- ISO 4035 Thin Hex Nuts (Standard Thread) QVX
- ISO 8675 Thin Hex Nuts (Fine Thread) QVX

How to order (Steel)

GN612-10-M16x1,5-AK

- 1 d₁
- 2 d₂
- 3 Type

How to order (Stainless steel)

GN612-12-M20x1,5-B-NI

- 1 d₁
- 2 d₂
- 3 Type
- 4 Material