



Metric



SS Stainless Steel

3 Type

- A** Without plastic sleeve
- B** With plastic sleeve

Metric table

1 d		2 s	l₁	l₂	l₃	l₄	l₅	Dimensions in: millimeters / inches	
Steel Pin -0.02 Bore $+0.14$	Stainless steel Pin -0.05 Bore $+0.14$							Initial	End
6 0.236	6 0.236	16 0.63	56 2.20	10 0.39	30 1.18	32 1.26	42 1.65	12 N 2.70 lbf	32 N 7.19 lbf
8 0.315	8 0.315	16 0.63	56 2.20	10 0.39	30 1.18	32 1.26	42 1.65	12 N 2.70 lbf	32 N 7.19 lbf
8 0.315	8 0.315	20 0.79	69 2.72	12 0.47	38 1.50	37 1.46	52 2.05	21 N 4.72 lbf	58 N 13.04 lbf
10 0.394	10 0.394	16 0.63	56 2.20	10 0.39	30 1.18	32 1.26	42 1.65	12 N 2.70 lbf	32 N 7.19 lbf
10 0.394	10 0.394	20 0.79	69 2.72	12 0.47	38 1.50	37 1.46	52 2.05	21 N 4.72 lbf	58 N 13.04 lbf
12 0.472	12 0.472	20 0.79	69 2.72	12 0.47	38 1.50	37 1.46	52 2.05	21 N 4.72 lbf	58 N 13.04 lbf

Specification

Guide

- Steel —
- Blackened finish
- Weldable
- Stainless steel AISI 304 **NI**
Weldable

Plunger pin

- Steel, nitrided
- Stainless steel AISI 303 for NI

Latch arm

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

Sleeve for tpe B

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

Spring

- Stainless steel AISI 301

RoHS

Accessory

GN 412.2 | GN 412.4 Locating Bushings (with Flange) QVX

GN 412.3 | GN 412.5 Locating Bushings with Tapered Flange QVX

Cam action indexing plungers GN 612.3 are best utilized in applications where the pin may need to be retracted periodically. By rotating the lever arm 180° the plunger pin is withdrawn. The notch allows for safe positioning while the plunger pin is held in the retracted position.

The square body allows the indexing plunger to be welded in any desired position. To prevent excessive heat build-up and the resulting change in the spring properties, mounting the part by spot-welding is recommended.

The plastic ribbed sleeve offers an aesthetically pleasing and comfortable finger grip.

Technical Information

List of Cam Action Indexing Plunger Types	QVX
Load Rating Information	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

How to order (Steel)

GN612.3-10-16-A

1 Pin diameter d
2 Square s
3 Type

How to order (Stainless steel)

GN612.3-8-20-B-NI

1 Pin diameter d
2 Square s
3 Type
4 Material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10