



**3 Type**

- A** Without plastic cap
- B** With plastic cap

d	s	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	Spring load in N ≈				
							Initial	End			
Steel -0.02 Pin -0.05 Bore +0.14 +0.1	Stainless steel -0.05 Pin -0.08 Bore +0.14 +0.1	6	6	16	56	10	30	32	42	12	32
8	8	16	56	10	30	32	42	12	32	12	32
8	8	20	69	12	38	37	52	21	58	21	58
10	10	16	56	10	30	32	42	12	32	21	58
10	10	20	69	12	38	37	52	21	58	21	58
12	12	20	69	12	38	37	52	21	58	21	58

**Specification**

**Guide**

- Steel —
- Weldable, blackened
- 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

**Cap for type B**

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

**Pressure spring**

- Stainless steel AISI 301

RoHS

**Accessory**

Accessory	Page
GN 412.2   GN 412.4 Positioning Bushings (with Collar)	QVX
GN 412.3   GN 412.5 Positioning Bushings (with Ramping Cone)	QVX

Cam action indexing plungers GN 612.3 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 keeps the plunger in this position.

The square body can therefore be welded in any required position. In order to prevent a change in the spring load by the transferred heat we recommend spot welding the plunger body.

**see also...**

see also...	Page
GN 722.1 Spring Latches	QVX
GN 618 Indexing Plungers	QVX

**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)**

1 d	
2 s	
3 Type	

**GN612.3-10-16-A**

**How to order (Stainless steel)**

1 d	
2 s	
3 Type	
4 Material	

**GN612.3-8-20-B-NI**