

Cam Action Indexing Plungers

Steel / Stainless Steel, for Welding

SPECIFICATION

Types

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

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

INFORMATION

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.

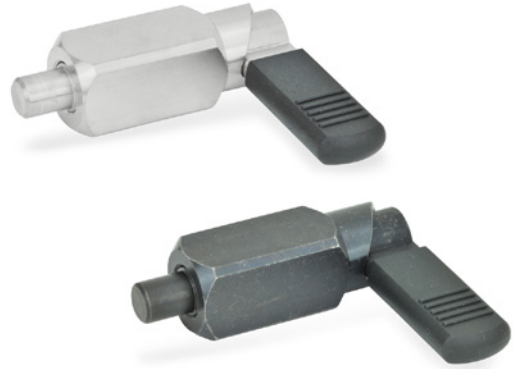
The square body can therefore be welded in any required position. In order to prevent a change in the spring load by the transferred heat we recommend spot welding the plunger body.

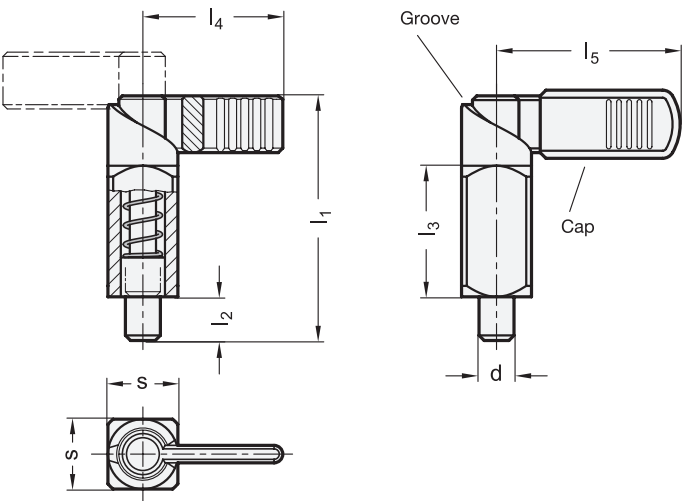
ACCESSORY

- GN 412.2 Positioning Bushings (with Collar) (see page 813)
- GN 412.4 Positioning Bushings (with Collar) (see page)
- GN 412.3 Positioning Bushings (with Ramping Cone) (see page 812)
- GN 412.5 Positioning Bushings (with Ramping Cone) (see page)

TECHNICAL INFORMATION

- Range of Cam Action Indexing Plungers (see page 816)
- Load Rating Information (see page A42)
- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)





GN 612.3-ST

Description	d Pin -0.02/-0.05 Bore +0.14/+0.1	l2	s	l1	l2	l3	l4	l5	s	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 612.3-6-16-A	6	10	16	56	10	30	32	42	16	12	32	76
GN 612.3-6-16-B	6	10	16	56	10	30	32	42	16	12	32	78
GN 612.3-8-16-A	8	10	16	56	10	30	32	42	16	12	32	80
GN 612.3-8-16-B	8	10	16	56	10	30	32	42	16	12	32	80
GN 612.3-8-20-A	8	12	20	69	12	38	37	52	20	21	58	151
GN 612.3-8-20-B	8	12	20	69	12	38	37	52	20	21	58	154
GN 612.3-10-16-A	10	10	16	56	10	30	32	42	16	12	32	76
GN 612.3-10-16-B	10	10	16	56	10	30	32	42	16	12	32	78
GN 612.3-10-20-A	10	12	20	69	12	38	37	52	20	21	58	153
GN 612.3-10-20-B	10	12	20	69	12	38	37	52	20	21	58	157
GN 612.3-12-20-A	12	12	20	69	12	38	37	52	20	21	58	158
GN 612.3-12-20-B	12	12	20	69	12	38	37	52	20	21	58	165

GN 612.3-NI

STAINLESS STEEL

Description	d Pin -0.05/-0.08 Bore +0.14/+0.1	l2	s	l1	l2	l3	l4	l5	s	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 612.3-6-16-A-NI	6	10	16	56	10	30	32	42	16	12	32	76
GN 612.3-6-16-B-NI	6	10	16	56	10	30	32	42	16	12	32	78
GN 612.3-8-16-A-NI	8	10	16	56	10	30	32	42	16	12	32	80
GN 612.3-8-16-B-NI	8	10	16	56	10	30	32	42	16	12	32	80
GN 612.3-8-20-A-NI	8	12	20	69	12	38	37	52	20	21	58	151
GN 612.3-8-20-B-NI	8	12	20	69	12	38	37	52	20	21	58	154
GN 612.3-10-16-A-NI	10	10	16	56	10	30	32	42	16	12	32	76
GN 612.3-10-16-B-NI	10	10	16	56	10	30	32	42	16	12	32	78
GN 612.3-10-20-A-NI	10	12	20	69	12	38	37	52	20	21	58	153
GN 612.3-10-20-B-NI	10	12	20	69	12	38	37	52	20	21	58	157
GN 612.3-12-20-A-NI	12	12	20	69	12	38	37	52	20	21	58	158
GN 612.3-12-20-B-NI	12	12	20	69	12	38	37	52	20	21	58	165