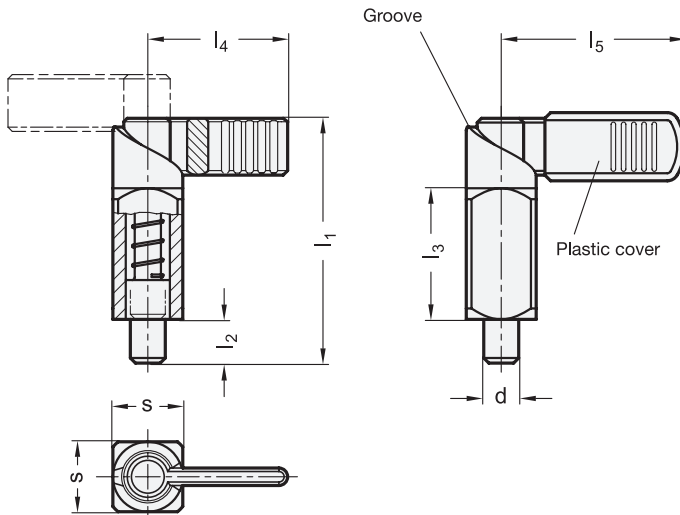


GN 612.3

Steel / Stainless Steel

Cam action indexing plungers

for welding



3 Type

- A without plastic cover
- B with plastic cover

d		s	l ₁	l ₂	l ₃	l ₄	l ₅	Spring load in N ≈	
Steel	Stainless Steel							initial	end
Pin $\begin{matrix} -0.02 \\ -0.04 \end{matrix}$	Pin $\begin{matrix} -0.06 \\ -0.08 \end{matrix}$	16	56	10	30	32	42	12	32
Bore $\begin{matrix} +0.14 \\ +0.1 \end{matrix}$	Bore $\begin{matrix} +0.14 \\ +0.1 \end{matrix}$								
6	6	16	56	10	30	32	42	12	32
8	8	16	56	10	30	32	42	12	32
8	8	20	69	12	38	37	52	21	58
10	10	16	56	10	30	32	42	12	32
10	10	20	69	12	38	37	52	21	58
12	12	20	69	12	38	37	52	21	58

Specification

- Steel —
- Guide blackened, weldable
- Plunger pin nitrided
- Stainless Steel NI
- Guide, weldable AISI 304
- Plunger pin AISI 303
- Spring
- Stainless Steel AISI 301
- Plastic cover (Polyamide PA)
- black, matt
- Load rating information → Page 1463
- ISO-Fundamental tolerances → Page 1479
- Stainless Steel characteristics → Page 1489
- Plastic characteristics → Page 1483
- RoHS compliant

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.

see also...

- List of cam action indexing plunger types → Page 701 ff.
- Positioning bushings GN 412.2 → Page 696

How to order (Steel)	1 d
GN 612.3-10-16-A	2 s
	3 Type

How to order (Stainless Steel)	1 d
GN612.3-8-20-B-NI	2 s
	3 Type
	4 Material