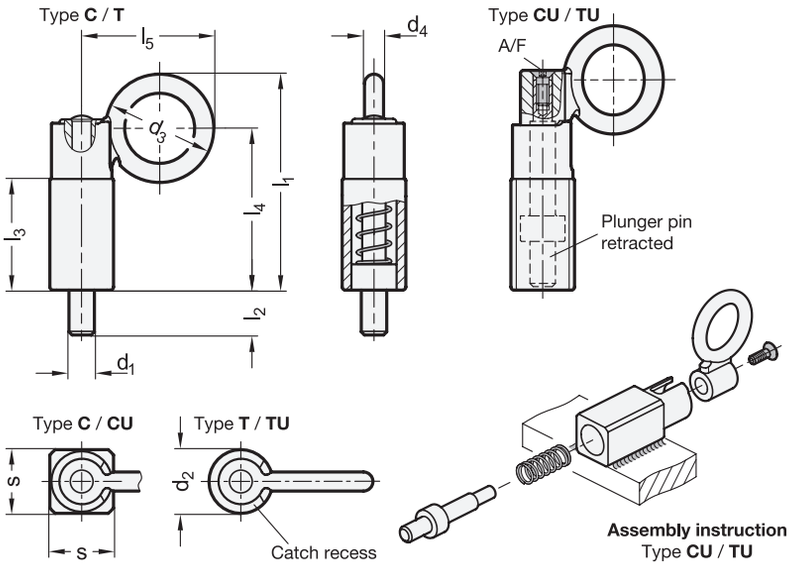
GN 722.4 | Indexing Plungers

Steel / Stainless Steel, Lock-Out, Weldable, with Pull Ring

JW WINCO® A Ganter Company



Metric

SS Stainless Steel

3 Type

C Square, with pull ring, fixed (riveted)
CU Square, with pull ring, unassembled
T Round, with pull ring, fixed (riveted)
TU Round, with pull ring, unassembled

Metric table

Dimensions in: millimeters - *inches*

1 d_1 Type C / CU Pin $^{-0.05}_{-0.25}$ Bore $^{+0.1}_{+0.3}$	d_1 Type T / TU Pin $^{-0.05}_{-0.25}$ Bore $^{+0.2}_{+0.4}$	2 d_2 Type T / TU	s Type C / CU	d_3	d_4	$l_1 \approx$	l_2	l_3	l_4	l_5	A/F in mm	Spring load ≈ Initial	Spring load ≈ End
8 *0.315*	8 *0.315*	20 *0.79*	20 *0.79*	34 *1.34*	6 *0.24*	67.8 *2.67*	14 *0.55*	35 *1.38*	50.8 *2.00*	41.5 *1.63*	2.5	14 N *3.15 lbf*	35 N *7.87 lbf*
10 *0.394*	10 *0.394*	20 *0.79*	20 *0.79*	34 *1.34*	6 *0.24*	67.8 *2.67*	14 *0.55*	35 *1.38*	50.8 *2.00*	41.5 *1.63*	2.5	14 N *3.15 lbf*	35 N *7.87 lbf*
12 *0.472*	12 *0.472*	20 *0.79*	20 *0.79*	34 *1.34*	6 *0.24*	67.8 *2.67*	14 *0.55*	35 *1.38*	50.8 *2.00*	41.5 *1.63*	2.5	14 N *3.15 lbf*	35 N *7.87 lbf*
14 *0.551*	14 *0.551*	20 *0.79*	20 *0.79*	34 *1.34*	6 *0.24*	67.8 *2.67*	14 *0.55*	35 *1.38*	50.8 *2.00*	41.5 *1.63*	2.5	14 N *3.15 lbf*	35 N *7.87 lbf*
16 *0.630*	16 *0.630*	30 *1.18*	30 *1.18*	48 *1.89*	9 *0.35*	102 *4.02*	20 *0.79*	54 *2.13*	78 *3.07*	60 *2.36*	4	22 N *4.95 lbf*	70 N *15.74 lbf*
20 *0.787*	20 *0.787*	30 *1.18*	30 *1.18*	48 *1.89*	9 *0.35*	102 *4.02*	20 *0.79*	54 *2.13*	78 *3.07*	60 *2.36*	4	22 N *4.95 lbf*	70 N *15.74 lbf*

Specification

4

- Body
  - Steel precision casting — **ST**
    Blackened finish, weldable
  - Stainless steel
    precision casting AISI 316 — **A4**
    Weldable
- Pull ring
  - Steel precision casting
    Zinc plated, blue passivated finish (for ST)
  - Stainless steel
    precision casting AISI 316 (for A4)
- Plunger pin
  - Steel, zinc plated, blue passivated finish (for ST)
  - Stainless steel AISI 316 (for A4)
- Countersunk screw
  - Steel, zinc plated (for ST)
  - Stainless steel A4 (for A4)
- Spring
  Stainless steel AISI 316Ti
- *Load Rating Information → page QVX*
- *Stainless Steel Characteristics → page QVX*
- RoHS

Information

With indexing plungers GN 722.4 , the plunger pin is actuated via the pull ring. This is done either manually, with a cable or by means of an extended pull rod with hook. The **ST** version is designed for applications in steel construction, whereas the **A4** stainless steel version is suitable for use in particularly aggressive environments.

The types with lock-out are used when the plunger pin should temporarily not protrude. For this purpose, the pull ring is turned sideways after the locking pin has been retracted. The ring is held in this position by the catch recess at the top of the guide.

The dimensional tolerances between plunger pin and body are selected so that the functional reliability is guaranteed even after welding, applying a corrosion protection layer, or in case of contamination.

The unassembled types CU / TU are recommended to avoid changing the microstructure of the spring and plunger during the welding process. After welding, the indexing plunger is then assembled.

see also...

- *List of Indexing Plunger Types → page QVX*
- *Cam Action Spring Latches GN 722.1 → page QVX*
- *Locating Bushings GN 412.2 / GN 412.4 → page QVX*

How to order

1 2 3 4
GN 722.4-10-20-CU-A4

1	Pin diameter d_1
2	Diameter d_2 (Square s)
3	Type
4	Material