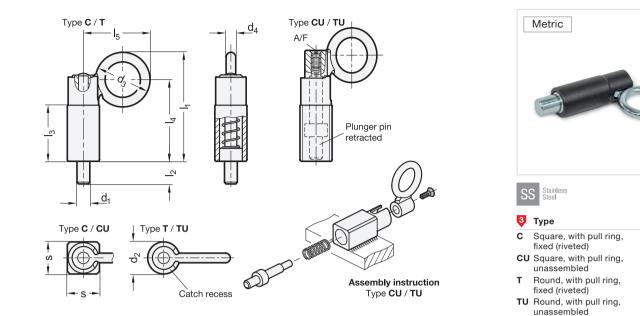
GN 722.4 **Indexing Plungers**

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





Metric table

1			

Dimensions in: millimeters - inches													
d ₁ Type C / CU Pin ^{-0.05} _{-0.25}	d₁ Type T / TU Pin ^{-0.05} -0.25	d₂ Type T / TU	s Type C / CU	d ₃	d ₄	l ₁ ≈	l ₂	I ₃	I ₄	I ₅	A/F in mm	Spring load ≈ Initial	End
Bore ^{+0.1} +0.3 8 0.315	Bore +0.2 +0.4 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 <i>1.63</i>	2.5	14 N 3.15 lbf	35 N 7.87 lbf
10	10	20	20	34	6	67.8	14	35	50.8	41.5	2.5	14 N	35 N
<i>0.394</i>	<i>0.394</i>	<i>0.7</i> 9	<i>0.79</i>	1.34	0.24	2.67	0.55	1.38	<i>2.00</i>	<i>1.63</i>		3.15 lbf	7.87 lbf
12	12	20	20	34	6	67.8	14	35	50.8	41.5	2.5	14 N	35 N
0.472	0.472	<i>0.7</i> 9	<i>0.79</i>	1.34	0.24	<i>2.67</i>	0.55	1.38	<i>2.00</i>	<i>1.63</i>		3.15 lbf	7.87 lbf
14	14	20	20	34	6	67.8	14	35	50.8	41.5	2.5	14 N	35 N
<i>0.551</i>	<i>0.551</i>	<i>0.7</i> 9	<i>0.7</i> 9	<i>1.34</i>	<i>0.24</i>	<i>2.67</i>	<i>0.55</i>	<i>1.38</i>	<i>2.00</i>	<i>1.63</i>		3.15 lbf	7.87 lbf
16	16	30	30	48	9	102	20	54	78	60	4	22 N	70 N
<i>0.630</i>	<i>0.630</i>	<i>1.18</i>	<i>1.18</i>	1.89	0.35	<i>4.02</i>	<i>0.7</i> 9	<i>2.13</i>	<i>3.07</i>	<i>2.</i> 36		4.95 lbf	15.74 lbf
20	20	30	30	48	9	102	20	54	78	60	4	22 N	70 N
<i>0.787</i>	<i>0.787</i>	1.18	1.18	1.89	0.35	<i>4.02</i>	0.79	2.13	3.07	<i>2.36</i>		4.95 lbf	15.74 lbf

Specification	4
 Guide Steel precision casting Blackened finish, weldable Stainless steel precision casting AISI 316 Weldable 	ST A4
 Pull ring Steel precision casting Zinc plated, blue passivated finish Stainless steel precision casting AISI 316 (for A4) 	(for ST)
 Plunger pin Steel, zinc plated, blue passivated fi Stainless steel AISI 316 (for A4) 	inish (for ST)
 Countersunk screw Steel, zinc plated (for ST) Stainless steel A4 (for A4) 	
Spring Stainless steel AISI 316Ti	
 Load Rating Information → page QV. 	X
 Stainless Steel Characteristics → pa 	ge 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 guide 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	Pin diameter d ₁
VX		2	Diameter d ₂ (Square s)
		3	Туре
	GN 722.4-10-20-CU-A4		Material