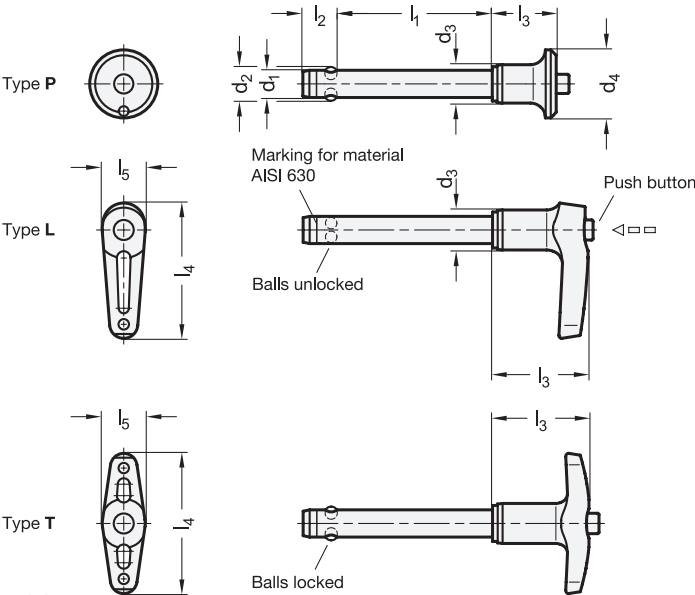




SS Stainless Steel

- 3 Type**
- P With mushroom shaped handle
 - L With L-handle
 - T With T-handle

Metric table

1		2		Dimensions in: millimeters / inches																	
d ₁		l ₁ +0.6								d ₂	d ₃		d ₄	l ₂ ±1	l ₃			l ₄		l ₅	Locating bore H11
-0.04 -0.08											Type P	Type L / T			Type P	Type L	Type T	Type L	Type T		
5	0.197	10	15	20	25	30	-	-	-	5.5	11.3	11.8	20	6	17.6	31	31.3	43.8	45.2	12.6	5
		0.39	0.59	0.79	0.98	1.18	-	-	-	0.22	0.44	0.46	0.79	0.24	0.69	1.22	1.23	1.72	1.78	0.50	0.20
6	0.236	10	15	20	25	30	35	40	45	7	11.3	11.8	20	7	17.6	31	31.3	43.8	45.2	12.6	6
		0.39	0.59	0.79	0.98	1.18	1.38	1.57	1.77	0.28	0.44	0.46	0.79	0.28	0.69	1.22	1.23	1.72	1.78	0.50	0.24
8	0.315	20	25	30	35	40	45	50	-	9.5	14.1	14.7	25	8.2	22.6	35.1	35.4	49.7	51.5	15.8	8
		0.79	0.98	1.18	1.38	1.57	1.77	1.97	-	0.37	0.56	0.58	0.98	0.32	0.89	1.38	1.39	1.96	2.03	0.62	0.31
10	0.394	20	25	30	35	40	45	50	60	12	14.1	14.7	25	9.6	22.6	35.1	35.4	49.7	51.5	15.8	10
		0.79	0.98	1.18	1.38	1.57	1.77	1.97	2.36	0.47	0.56	0.58	0.98	0.38	0.89	1.38	1.39	1.96	2.03	0.62	0.39
12	0.472	25	30	35	40	45	50	60	70	14.5	17.7	18.2	35	10.6	27.3	34.4	34.7	57.1	59.1	20.2	12
		0.98	1.18	1.38	1.57	1.77	1.97	2.36	2.76	0.57	0.70	0.72	1.38	0.42	1.07	1.35	1.37	2.25	2.33	0.80	0.47

Specification

Shank pin

- Stainless steel AISI 303
- Stainless steel AISI 630
- Precipitation hardened

A
C

Balls

Stainless steel AISI 420C

Handle

Aluminum
Powder coated
Black, RAL 9005, textured finish

Pressure spring

Stainless steel AISI 631

Operating temperature

-22 °F to +302 °F (-30 °C to +150 °C)

RoHS (only type L / T)

Accessory

	Page
GN 111.8 Retaining Cables	QVX
DIN 172 Press-Fit Drill Bushings (with Flange)	QVX
DIN 179 Press-Fit Drill Bushings (without Flange)	QVX
GN 1140 Holding Bushings	QVX

Ball lock pins GN 113.20 are used for quick fixing, connecting and locking of various parts and workpieces. Typically, they are used as bearing bolts that have to be frequently assembled and disassembled.

The two balls are unlocked by pressing the spring-loaded button and locked again when released.

The hardened pin of version C has high wear resistance and tensile strength, making it suitable for applications involving heavy elements.

The technical appendix contains the load capacities for the double-sided shearing resistance (breaking strength).

Technical Information

	Page
List of Lock Pin Types	QVX
Load Rating Information	QVX
ISO Fundamental Tolerances	QVX
Stainless Steel Characteristics	QVX

How to order

1	Pin diameter d ₁
2	Length l ₁
3	Type
4	Material

GN 113.20-10-25-T-A