



- 3 Type**
- M** With finger recess
 - L** With L-handle
 - T** With T-handle

Metric table

1		2		Dimensions in: millimeters - inches														
d ₁	l ₁	d ₂	d ₃	d ₄	d ₅	d ₆	l ₂ ±1	l ₃ +0.2	l ₄	l ₅	l ₆	m	Locating bore H11					
6 0.236	10 0.394	20 0.787	30 1.181	40 1.575	50 1.969	7 0.28	10 0.39	17.5 0.69	13.5 0.53	40 1.57	7 0.28	22 0.866	26.5 1.04	33 1.30	25 0.98	15.5 0.61	6 0.236	
8 0.315	20 0.787	30 1.181	40 1.575	50 1.969	-	9.5 0.37	14 0.55	23 0.91	18 0.71	48 1.89	8.2 0.32	27 1.063	34 1.34	43.5 1.71	31 1.22	20.5 0.81	8 0.315	
10 0.394	20 0.787	30 1.181	40 1.575	50 1.969	60 2.362	12 0.47	14 0.55	23 0.91	18 0.71	48 1.89	9.6 0.38	27 1.063	34 1.34	43.5 1.71	31 1.22	20.5 0.81	10 0.394	

Specification

- Shank pin
Titanium
- Balls
Ceramic
- Handle (Type L / T)
Plastic
Technopolymer (Polyamide PA)
- Black
- Temperature resistant up to 176 °F (80 °C)
- Spring
Corrosion-resistant alloy 2.4610
- Temperature resistant up to 752 °F (400 °C)
- Load Rating Information → page QVX
- ISO Fundamental Tolerances → page QVX
- RoHS compliant

Accessory

- Retaining cable GN 111.8 → page QVX

On request

- With round knob

Information

Ball lock pins GN 113.30 are used for quick fixing, connecting and locking of various parts and workpieces. A typical application are locating pins which have often to be removed and installed again.

By pressing the spring loaded push button, both balls are unlocked and by releasing it, the balls are locked again.

Due to the selected material, ball lock pins GN 113.30 are suitable for use in highly corrosive environments. The titanium material also results in a 40% weight reduction compared to a similar part of steel or stainless steel.

The titanium version is used in lightweight construction, maritime applications and in chemical production.

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

see also...

- List of Lock Pin Types → page QVX
- Press-Fit Drill Bushings DIN 172 / DIN 179 → page QVX

How to order

GN 113.30-8-30-M

- 1 Plunger diameter d₁
- 2 Length l₁
- 3 Type