



3 Type

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

1	2	d ₁ +0,6 -0,04 -0,08										d ₂	d ₃		d ₄	l ₂ ±1			l ₃	l ₄			l ₅	Locating bore H11
		10	15	20	25	30	-	-	-	-	-		Type P	Type L / T		Type P	Type L	Type T		Type L	Type T	Type T		
5	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		
6	10	15	20	25	30	35	40	45	50	7	11,3	11,8	20	7	17,6	31	31,3	43,8	45,2	12,6	6			
8	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			
10	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			
12	25	30	35	40	45	50	60	70	80	14,5	17,7	18,2	35	10,6	27,3	34,4	34,7	57,1	59,1	20,2	12			

Specification

- Pin**
 - Stainless steel AISI 303 **A**
 - Stainless steel AISI 630 **C**
 - Precipitation hardened
- Balls**
Stainless steel AISI 420C
- Handle**
Aluminum
Powder coated
Black, RAL 9005, textured finish
- Pressure spring**
Stainless steel AISI 631
- Operating temperature** -30 °C to +150 °C

RoHS (only type L / T)

Accessory	Page
GN 111.8 Retaining Cables	QVX
DIN 172 Guide Bushings (with Collar)	QVX
DIN 179 Guide Bushings (without Collar)	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. A typical application is locating pins which have often to be removed and installed again.

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 Capacity	QVX
ISO Fundamental Tolerances	QVX
Stainless Steel Characteristics	QVX

How to order

1	d ₁
2	l ₁
3	Type
4	Material

GN 113.20-10-25-T-A