



$d_1$ -0,04 -0,08	$l_1 +0,6$																$d_2$	$d_3$	$l_2 \pm 1$	$l_3 +0,2$	Location bore H11
5	10	15	20	25	30	35	40	45	50	60	70	80	-	-	-	5,5	10	6	22	5	
6	10	15	20	25	30	35	40	45	50	60	70	80	-	-	-	7	10	7	22	6	
8	10	15	20	25	30	35	40	45	50	60	70	80	90	100	-	9,5	14	8,2	27	8	
10	15	20	25	30	35	40	45	50	60	70	80	90	100	110	120	12	14	9,6	27	10	
12	20	25	30	35	40	45	50	60	70	80	90	100	110	120	-	14,5	20	10,6	32	12	
16	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	19	20	14	32	16	
20	50	60	70	80	90	100	110	120	130	140	150	-	-	-	-	25	28	20,5	39	20	
25	50	60	70	80	90	100	110	120	130	140	150	-	-	-	-	30,8	28	22	39	25	

**Specification**

**GN 113.3**  
Stainless steel AISI 303

**GN 113.4**  
Stainless steel AISI 630  
Precipitation hardened

**Balls**  
Stainless steel AISI 420C

**Pressure spring**  
Stainless steel AISI 631

**Eye ring**  
Stainless steel AISI 301

**Operating temperature** up to 250 °C

RoHS

Accessory	Page
GN 1140 Holding Bushings	QVX
GN 111 Ball Chains	QVX
GN 111.5 Ball Chains	QVX
GN 111.2 Retaining Cables	QVX
GN 111.4 Spiral Retaining Cables	QVX
DIN 172 Guide Bushings	QVX
DIN 179 Guide Bushings	QVX

Ball lock pins GN 113.3 / GN 113.4 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.

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

Ball lock pins GN 113.3 / GN 113.4 are renowned for their compactness. The eye ring is enclosed unmounted.

Ball lock pins GN 113.4 have an extreme load capacity, the pin is made of heavy duty, hardened and highly abrasion-resistant stainless steel.

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 of Ball Lock Pins / Locking Pins		QVX
ISO Fundamental Tolerances		QVX
Stainless Steel Characteristics		QVX

<b>How to order (Stainless Steel AISI 303)</b>  <b>GN 113.3-6-20</b>	1	$d_1$
	2	$l_1$

<b>How to order (Stainless Steel AISI 630)</b>  <b>GN 113.4-8-35</b>	1	$d_1$
	2	$l_1$