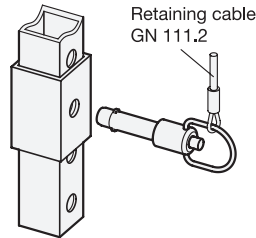


Application example



1 2

d ₁ -0,1	l ₁ +2														a	b	d ₂	d ₃	d ₄	d ₅	l ₂	l ₃	
6	10	12	16	20	25	30	35	40	45	50	60	70	80	-	-	2,3	0,5	7,3 +0,5	5,9	12	23	7	38
8	10	16	20	25	30	35	40	45	50	60	70	80	90	100	-	2,8	0,6	9,8 +0,5	7,9	12	23	8,4	38
10	15	20	25	30	35	40	45	50	60	70	80	90	100	110	120	3,3	1	11,7 +1	9,9	16	28	9,8	42
12	20	25	30	35	40	45	50	60	70	80	90	100	110	120	-	3,8	1	13,7 +1	11,9	16	28	11,3	42
16	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	4,8	1,2	18,7 +1	15,9	20	32	14,2	46,5

Specification

- Pin**
Steel
Zinc plated, blue passivated
- Pawl**
Stainless steel sheet metal AISI 304
- Push button / Slide**
Plastic, Polyacetal (POM)
• Red
• Operating temperature up to 80 °C
- Lifting ring**
Stainless steel AISI 301
- Pressure spring**
Stainless steel AISI 301
- RoHS

Locking pins with axial lock GN 214.2 are used for quick fixing, connecting and locking of various jig and fixture systems. A typical application is location pins which have to be often removed and replaced again. The rectangular pawls made of stainless steel sheet metal keep the locking pin in an axial position in the bore. It can be retracted by pressing the button, once released it returns the pressure spring into its locking position. The version with swivelling lifting ring is ideal for the use in confined spaces. The technical appendix contains the load capacities for the double-sided shearing resistance (breaking strength).

see also...	Page
GN 114.3 Locking Pins (with Axial Lock, with Pawl)	QVX

Technical Information

Overview of Types of Locking Pins with Axial Lock	QVX
Load Capacity of Ball Lock Pins / Locking Pins	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

Accessory

GN 1140 Holding Bushings	QVX
GN 111 Ball Chains (Steel)	QVX
GN 111.5 Ball Chains (Stainless Steel)	QVX
GN 111.2 Retaining Cables	QVX
GN 111.4 Spiral Retaining Cables	QVX
DIN 172 Guide Bushings (with Collar)	QVX
DIN 179 Guide Bushings (without Collar)	QVX

How to order

GN 214.2-10-60	1	d ₁
	2	l ₁