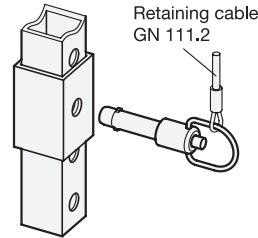


Application example



Metric table

1 2

Dimensions in: millimeters - inches

d ₁ -0.1	l ₁ +0.4 Minimum size														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
0.24	0.39	0.47	0.63	0.79	0.98	1.18	1.38	1.57	1.77	1.97	2.36	2.76	3.15	-	-	0.09	0.02	0.29 +0.02	0.23	0.47	0.91	0.28	1.50
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
0.31	0.39	0.63	0.79	0.98	1.18	1.38	1.57	1.77	1.97	2.36	2.76	3.15	3.54	3.94	-	0.11	0.02	0.39 +0.02	0.31	0.47	0.91	0.33	1.50
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
0.39	0.59	0.79	0.98	1.18	1.38	1.57	1.77	1.97	2.36	2.76	3.15	3.54	3.94	4.33	4.72	0.13	0.04	0.46 +0.04	0.39	0.63	1.10	0.39	1.65
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
0.47	0.79	0.98	1.18	1.38	1.57	1.77	1.97	2.36	2.76	3.15	3.54	3.94	4.33	4.72	-	0.15	0.04	0.54 +0.04	0.47	0.63	1.10	0.44	1.65
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
0.63	1.18	1.38	1.57	1.77	1.97	2.36	2.76	3.15	3.54	3.94	4.33	4.72	5.12	5.51	5.91	0.19	0.05	0.74 +0.04	0.63	0.79	1.26	0.56	1.83

Specification

- Shank pin
Steel, zinc plated, blue passivated finish
- Securing pawls
Stainless steel sheet metal AISI 304
- Pull ring
Stainless steel AISI 301
- Push button / push rod
Plastic
Technopolymer (Polyacetal POM)
- Temperature resistant up to 176 °F (80 °C)
- Push button: red
- Spring
Stainless steel AISI 301
- Load Rating Information → page QVX
- Stainless Steel Characteristics → page QVX
- Plastic Characteristics → page QVX
- RoHS compliant

Accessory

- Ball chains GN 111 / GN 111.5 → page QVX
- Retaining cables GN 111.2 → page QVX
- Spiral retaining cables GN 111.4 → page QVX

Information

GN 214.2 rapid release pins are used for rapid connecting and securing of components or workpieces. A typical application is locating pins that have to regularly be moved in and out of position.

The rectangular pawls made of stainless steel sheet metal keep the shank pin in an axial position in the bore. The shank pin can be inserted or retracted by pressing the button releasing the pawls from their secured locked-out position, once the button is released, the pawls return to their original position.

This type with swiveling pull ring is ideal for use in confined spaces.

The technical section contains the load ratings for the double shear strength (breaking strength).

see also...

- List of Lock Pin Types → page QVX
- Rapid Release Pins GN 114.2 (Plastic Grip, with Steel Shank) → page QVX
- Flanged Press-Fit Drill Bushings DIN 172 (with Flange) → page QVX
- Press-Fit Drill Bushings DIN 179 (without Flange) → page QVX

<p>How to order</p> <p>GN 214.2-10-60</p>	1	Pin diameter d ₁
	2	Length l ₁