



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	7.5 ^{+0.5}	5.9	15	30	7	21	
	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	0.30 ^{+0.02}	0.23	0.59	1.18	0.28	0.83	
8	10	16	20	25	30	35	40	45	50	60	70	80	90	100	-	2.8	0.6	10 ^{+0.5}	7.9	15	30	8.4	21	
	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	0.59	1.18	0.33	0.83
10	15	20	25	30	35	40	45	50	60	70	80	90	100	110	120	-	3.3	1	12 ⁺¹	9.9	18	34	9.8	26
	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	0.47 ^{+0.04}	0.39	0.71	1.34	0.39	1.02
12	20	25	30	35	40	45	50	60	70	80	90	100	110	120	-	3.8	1	14 ⁺¹	11.9	18	34	11.3	26	
	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	0.55 ^{+0.04}	0.47	0.71	1.34	0.44	1.02
16	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	-	4.8	1.2	19 ⁺¹	15.9	22	40	14.2	32
	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	0.75 ^{+0.04}	0.63	0.87	1.57	0.56	1.26
20	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	-	4.8	1.2	23 ⁺¹	19.8	25	40	14.8	33
	0.79	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	0.91 ^{+0.04}	0.78	0.98	1.57	0.58	1.30

Specification

- Shank pin
Steel, zinc plated, blue passivated finish
- Securing pawls
Stainless steel AISI 304 (sheet metal)
- Knob
Plastic (Polyamide PA)
- Black-gray
- Temperature resistant up to 176 °F (80 °C)
- Push button / push rod
Plastic
- Push button: red
- Temperature resistant up to 176 °F (80 °C)
- Spring
Stainless steel AISI 301
- Load Rating Information → page 2104
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Accessory

- Ball chains GN 111 / GN 111.5 → page 1236
- Retaining cables GN 111.2 → page 1238
- Spiral retaining cables GN 111.4 → page 1237

Information

GN 114.2 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.

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

see also...

- List of Lock Pin Types → page 1058
- Rapid Release Pins GN 214.2 (with Pull Ring) → www.jwwinco.com
- Flanged Press-Fit Drill Bushings DIN 172 (Cylindrical) → page 1172
- Press-Fit Drill Bushings DIN 179 (Cylindrical) → page 1172

How to order 1 2 GN 114.2-6-10	1 Pin diameter d ₁
	2 Length l ₁