



Metric

SS Stainless Steel

3 Type
L With L-handle

4 Coding
SC With key (Keyed alike)
SU With key (Keyed differently)

Metric table

1 2

Dimensions in: millimeters - inches

d ₁ -0.05	l ₁ +0.5							b ₁	b ₂	d ₂	d ₃	d ₄	d ₅	l ₂ ±1	l ₃	l ₄
8	20	25	30	35	40	50	-	7.5	3	9.5	3	23	18	4.5	35	43.5
0.31	0.79	0.98	1.18	1.38	1.57	1.97		0.30	0.12	0.37	0.12	0.91	0.71	0.18	1.38	1.71
10	20	25	30	35	40	50	60	7.5	3	12.6	3	23	18	4.5	35	43.5
0.39	0.79	0.98	1.18	1.38	1.57	1.97	2.36	0.30	0.12	0.50	0.12	0.91	0.71	0.18	1.38	1.71
12	30	35	40	50	60	70	80	7.5	3	14.6	4	23	18	6	35	43.5
0.47	1.18	1.38	1.57	1.97	2.36	2.76	3.15	0.30	0.12	0.57	0.16	0.91	0.71	0.24	1.38	1.71
16	30	35	40	50	60	70	80	12	4	19.7	5	35.5	28	7.5	40.5	65
0.63	1.18	1.38	1.57	1.97	2.36	2.76	3.15	0.47	0.16	0.78	0.20	1.40	1.10	0.30	1.59	2.56
20	60	80	100	120	-	-	-	12	4	23.7	5	35.5	28	7.5	40.5	65
0.79	2.36	3.15	3.94	4.72				0.47	0.16	0.93	0.20	1.40	1.10	0.30	1.59	2.56

Specification

- Shank pin / pawl
Stainless steel AISI 303 **NI**
- L-handle
Plastic
Technopolymer (Polyamide PA)
- Black-gray
- Temperature resistant up to 176 °F (80 °C)
- Lock mechanism
Zinc die-cast / stainless steel
- Keys (two pieces)
Steel, nickel plated
- 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 314 L-handle rapid release pins with key are used for quick fixing, connecting and locking of various jig and fixture systems. Turning the key 180° moves the pawl at the front end of the pin to engage the axial locking of the inserted pin. After locking, an unauthorized removal is no longer possible.

The key can be removed in the end positions. Locks with coding SC are keyed alike, allowing each lock to be operated with the same key. Locks with coding SU have different locks with 100 different lock versions and correspondingly numbered keys.

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 114.3 (Stainless Steel) → page 1071
- Press-Fit Drill Bushings DIN 172 (Cylindrical, with Flange) → page 1172
- Press-Fit Drill Bushings DIN 179 (Cylindrical, without Flange) → page 1172

How to order

1	Pin diameter d ₁
2	Length l ₁
3	Type
4	Coding
5	Material

GN314-16-70-L-SC-NI

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10