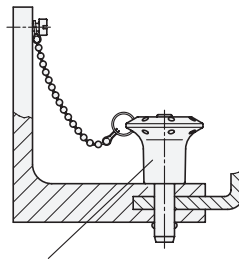


Application example



Rapid release pin
Ball lock pin



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

Length $l \pm 3$	d ₁	d ₂	Static load ≈		Suitable for ball lock pins and rapid release pins
			With key ring	Without key ring	
200 7.87	14* 0.55	1 0.04	50 N 11.24 lbf	180 N 40.47 lbf	* - GN 113.11, GN 113.12 for pin Ø 5, 6 mm - GN 113.1, GN 113.3, GN 113.4, GN 113.7, GN 113.8, GN 113.9, GN 113.10, GN 214.2, GN 214.3, GN 214.6 for pin Ø 5, 6, 8 mm - GN 113.5, GN 113.6, GN 114.2, GN 114.3, GN 114.6, GN 124.1, GN 124.2 for all pins ** - GN 113.11, GN 113.12, GN 314 for pin Ø 8, 10, 12 mm - GN 113.1, GN 113.3, GN 113.4, GN 113.7, GN 113.8, GN 113.9, GN 113.10, GN 214.2, GN 214.3, GN 214.6 for pin Ø 10, 12, 16, 20, 25 mm *** GN 113.11, GN 113.12, GN 314 for pin Ø 16, 20, 25 mm
200 7.87	18** 0.71	1.3 0.05	90 N 20.23 lbf	180 N 40.47 lbf	
200 7.87	24*** 0.94	1.5 0.06	100 N 22.48 lbf	180 N 40.47 lbf	
200 7.87	30 1.18	1.8 0.07	120 N 26.98 lbf	180 N 40.47 lbf	
320 12.60	14* 0.55	1 0.04	50 N 11.24 lbf	180 N 40.47 lbf	
320 12.60	18** 0.71	1.3 0.05	90 N 20.23 lbf	180 N 40.47 lbf	
320 12.60	24*** 0.94	1.5 0.06	100 N 22.48 lbf	180 N 40.47 lbf	
320 12.60	30 1.18	1.8 0.07	120 N 26.98 lbf	180 N 40.47 lbf	
500 19.69	14* 0.55	1 0.04	50 N 11.24 lbf	180 N 40.47 lbf	
500 19.69	18** 0.71	1.3 0.05	90 N 20.23 lbf	180 N 40.47 lbf	
500 19.69	24*** 0.94	1.5 0.06	100 N 22.48 lbf	180 N 40.47 lbf	
500 19.69	30 1.18	1.8 0.07	120 N 26.98 lbf	180 N 40.47 lbf	
1000 39.37	14* 0.55	1 0.04	50 N 11.24 lbf	180 N 40.47 lbf	
1000 39.37	18** 0.71	1.3 0.05	90 N 20.23 lbf	180 N 40.47 lbf	
1000 39.37	24*** 0.94	1.5 0.06	100 N 22.48 lbf	180 N 40.47 lbf	
1000 39.37	30 1.18	1.8 0.07	120 N 26.98 lbf	180 N 40.47 lbf	

Specification

- **GN 111**
Ball chain
Brass, nickel plated
- **GN 111.5**
Ball chain
Stainless steel AISI 304
- Key rings GN 111.3 → page 1240
Stainless steel AISI 301
- *Stainless Steel Characteristics* → page 2143
- RoHS compliant

Information

GN 111 and GN 111.5 ball chains are mainly used in connection with ball lock pins and rapid release pins. Ball chains are characterized by the fact that they have no rigidity due to their structure. The key rings are supplied unmounted. Both rings have the same Ø d₁. The load values given in the table are non-binding guide values and rule out any liability.

How to order (Brass) 1 2 GN 111-320-24	1 Length l
	2 Diameter d ₁
How to order (Stainless steel) 1 2 GN 111.5-200-14	1 Length l
	2 Diameter d ₁