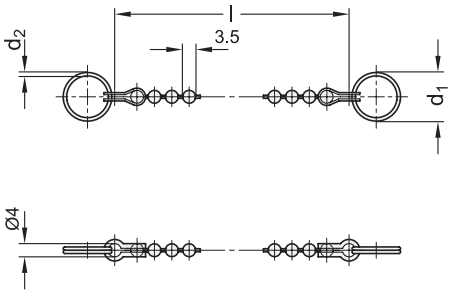
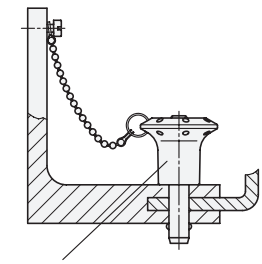


Application example



Rapid release pin
Ball lock pin

Metric

SS Stainless Steel

Metric table

Dimensions in: millimeters / inches

1 Length l ±3				2 d_1	d_2	Static load ≈	
						With key ring	Without key ring
200 7.874	320 12.598	500 19.685	1000 39.370	14 0.55	1 0.04	50 N 11.24 lbf	180 N 40.47 lbf
200 7.874	320 12.598	500 19.685	1000 39.370	18 0.71	1.3 0.05	90 N 20.23 lbf	180 N 40.47 lbf
200 7.874	320 12.598	500 19.685	1000 39.370	24 0.94	1.5 0.06	100 N 22.48 lbf	180 N 40.47 lbf
200 7.874	320 12.598	500 19.685	1000 39.370	30 1.18	1.8 0.07	120 N 26.98 lbf	180 N 40.47 lbf

d_1	suitable for ball lock pins / locking pins with pin Ø											
	GN 113.1 GN 113.3 GN 113.4 GN 113.7 GN 113.8 GN 113.9 GN 113.10	GN 113.5 GN 113.6	GN 113.11 GN 113.12	GN 113.20 Type P	GN 113.20 Type L Type T	GN 114.2 GN 114.3 GN 114.6	GN 114.7 GN 114.8	GN 114.11 GN 114.12	GN 124.1 GN 124.2	GN 124.3	GN 214.2 GN 214.3 GN 214.6	GN 314
14 0.55	5-8 0.20-0.31	5-16 0.20-0.63	5-10 0.20-0.39	5 0.20	5-6 0.20-0.24	6-20 0.24-0.79	6-8 0.20-0.63	6-12 0.24-0.47	6-12 0.24-0.47	8-10 0.31-0.39	6-8 0.24-0.31	-
18 0.71	10-25 0.39-0.98	-	12-16 0.47-0.63	6-12 0.24-0.47	-	-	10-20 0.39-0.79	16-20 0.63-0.79	-	12 0.47	10-16 0.39-0.63	8-12 0.31-0.47
24 0.94	-	-	20-25 0.79-0.98	-	8-10 0.31-0.39	-	-	-	-	-	-	16-20 0.63-0.79
30 1.18	-	-	-	-	12 0.47	-	-	-	-	-	-	-

Specification

GN 111
Ball chain
Brass, nickel plated

GN 111.5
Ball chain
Stainless steel AISI 304

Key rings
Stainless steel AISI 301

RoHS

Technical Information	Page
Stainless Steel Characteristics	QVX

Accessory

GN 111.3 Key Rings	QVX

Ball chains GN 111 / GN 111.5 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 d_1.
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**

⚠ **WARNING**: Cancer and Reproductive Harm — www.P65Warnings.ca.gov