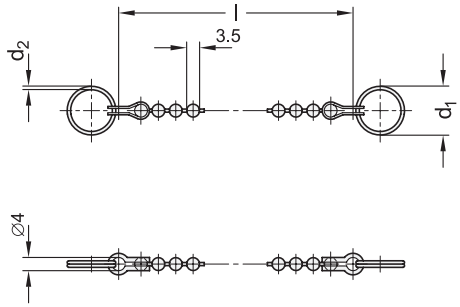
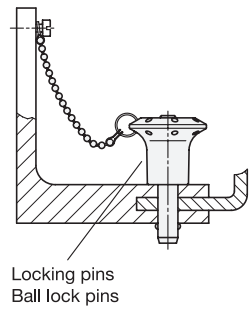


Application example



Locking pins
Ball lock pins

STAIN LESS **

[1] [2]

Length l ±3				d_1	d_2	Static load in N ≈ With key ring	Static load in N ≈ Without key ring
200	320	500	1000	14	1	50	180
200	320	500	1000	18	1,3	90	180
200	320	500	1000	24	1,5	100	180
200	320	500	1000	30	1,8	120	180

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	5...8	5...16	5...10	5	5...6	6...20	6...8	6...12	6...12	8...10	6...8	-
18	10...25	-	12...16	6...12	-	-	10...20	16...20	-	12	10...16	8...12
24	-	-	20...25	-	8...10	-			-	-	-	16...20
30	-	-	-	-	12	-	-	-	-	-	-	-

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 locking pins with axial lock.
The ball chains lack any amount of stiffness due to their design.
The key rings are supplied unmounted. Both rings have the same Ø d_1.
The details on static loads are guide values given without warranty.

How to order (Brass)		
GN 111-320-24	1	**Length l**
	2	**d_1**

How to order (Stainless steel)		
GN 111.5-200-14	1	**Length l**
	2	**d_1**