

Ball chains

with two key rings

SPECIFICATION

Ball chain
Brass, nickel plated

Key ring
Stainless Steel AISI 301

Suitable for ball lock pins and pins with axial lock (see pages 870):
* GN 113.1, GN 113.3, GN 113.4, GN 113.7, GN 113.8, GN 114.2, GN 214.3, GN 214.6 for pins $\varnothing 5$, $\varnothing 6$, $\varnothing 8$

and

* 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 113.1, GN 113.3, GN 113.4, GN 113.7, GN 113.8, GN 214.2, GN 214.3, GN 214.6 for pins $\varnothing 10$, $\varnothing 12$, $\varnothing 16$, $\varnothing 20$



INFORMATION

Ball chains GN 111 are mainly used in connection with ball lock pins and pins with axial lock.

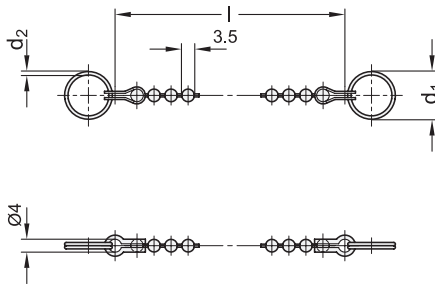
The key rings are supplied unmounted. Both rings have the same \varnothing di.

The load values given in the above table at shear stress are theoretically obtained and indicative only.

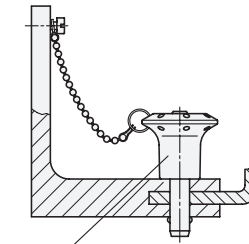
They are non-binding recommended values and rule out any liability.

ACCESSORY

- Single key rings are supplied with code no. GN 111.3-d1 (see page 903)



Application example



Locking pins
Ball lock pins

GN 111

Description	l ±3	d1	d2	Static load in N ≈ with key ring	Static load in N ≈ without key ring	⚖
GN 111-200-14	200	14*	1	50	180	7
GN 111-200-18	200	18**	1.3	90	180	9
GN 111-200-24	200	24	1.5	100	180	9
GN 111-200-30	200	30	1.8	120	180	9
GN 111-320-14	320	14*	1	50	180	10
GN 111-320-18	320	18**	1.3	90	180	11
GN 111-320-24	320	24	1.5	100	180	13
GN 111-320-30	320	30	1.8	120	180	15
GN 111-500-14	500	14*	1	50	180	14
GN 111-500-18	500	18**	1.3	90	180	15
GN 111-500-24	500	24	1.5	100	180	15
GN 111-500-30	500	30	1.8	120	180	20
GN 111-1000-14	1000	14*	1	50	180	28
GN 111-1000-18	1000	18**	1.3	90	180	30
GN 111-1000-24	1000	24	1.5	100	180	30
GN 111-1000-30	1000	30	1.8	120	180	32