

Stainless Steel-Key rings

SPECIFICATION

Stainless Steel AISI 301

blank **BL**

ground

zinc plated

black passivated **SW**

Stainless Steel-Key rings are ideally suitable for ball lock pins and locking pins (see pages 870):

- * - GN 113.11, GN 113.12 for pins $\varnothing 5$, $\varnothing 12$
- * - GN 113.1, GN 113.3, GN 113.4, GN 113.7, GN 113.8, GN 113.9,
- * - GN 113.5, GN 113.6, 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 pins $\varnothing 8$, $\varnothing 10$, $\varnothing 12$
- ** - 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 pins $\varnothing 10$, $\varnothing 12$, $\varnothing 16$, $\varnothing 20$, $\varnothing 25$
- *** - GN 113.11, GN 113.12, GN 314 for pins $\varnothing 16$, $\varnothing 20$, $\varnothing 25$



INFORMATION

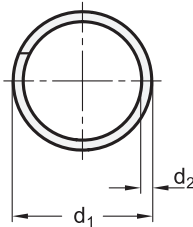
Stainless Steel-Key rings GN 111.3 are suitable as universal connection elements for traction cables, ball chains, retaining straps etc. where light loads are possible. The black design is visually discreet and is also used in situations where the reflections on the surface are to be minimized.

The locking pins and ball lock pins listed in the table have location holes, which the key rings are threaded into. Furthermore, Stainless Steel-Key rings can also be used to supplement retaining cables and ball chains. Thus, it is very easy to secure several elements at the same time from any loss.

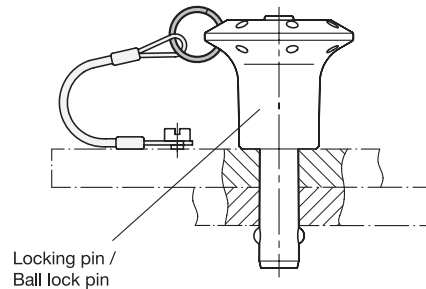
The details on load-bearing capacity are guide values given without warranty.

TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)



Application example



GN 111.3

STAINLESS STEEL

| Description | d1 | d2 | Static load in N \approx | $\frac{\delta}{L}$ |
|----------------|-------|-----|----------------------------|--------------------|
| GN 111.3-14-BL | 14* | 1 | 50 | 1 |
| GN 111.3-14-SW | 14* | 1 | 50 | 1 |
| GN 111.3-18-BL | 18** | 1.3 | 90 | 1 |
| GN 111.3-18-SW | 18** | 1.3 | 90 | 1 |
| GN 111.3-24-BL | 24*** | 1.5 | 100 | 2 |
| GN 111.3-24-SW | 24*** | 1.5 | 100 | 2 |
| GN 111.3-30-BL | 30 | 1.8 | 120 | 4 |
| GN 111.3-30-SW | 30 | 1.8 | 120 | 4 |