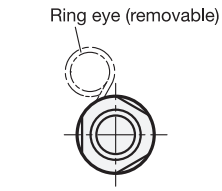
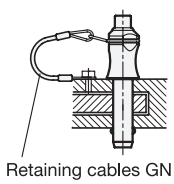
GN 113.3 / GN 113.4 Stainless Steel-Ball lock pins

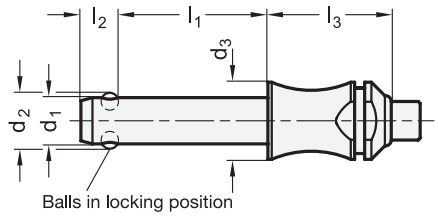
GN 113.3 Material AISI 303 | **GN 113.4** Material AISI 630

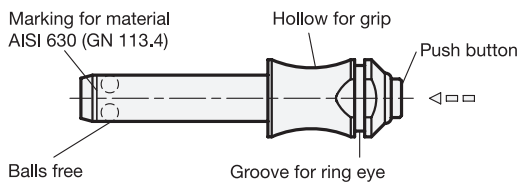
with hollow for grip



Application example







Inox Stainless Steel

1	2																			
d_1 $^{-0,04}_{-0,08}$	l_1 +0,6															d_2	d_3	l_2 ±1	l_3 +0,2	Location Bore H11
5	10	15	20	25	30	35	40	45	50	60	70	80	-	-	-	5,5	10	6	22	5
6	10	15	20	25	30	35	40	45	50	60	70	80	-	-	-	7	10	7	22	6
8	10	15	20	25	30	35	40	45	50	60	70	80	90	100	-	9,5	14	8,2	27	8
10	15	20	25	30	35	40	45	50	60	70	80	90	100	110	120	12	14	9,6	27	10
12	20	25	30	35	40	45	50	60	70	80	90	100	110	120	-	14,5	20	10,6	32	12
16	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	19	20	14	32	16
20	50	60	70	80	90	100	110	120	130	140	150	-	-	-	-	25	28	20,5	39	20
25	50	60	70	80	90	100	110	120	130	140	150	-	-	-	-	30,8	28	22	39	25

Specification

- **GN 113.3**
  Stainless Steel AISI 303
- **GN 113.4**
  Stainless Steel AISI 630
  - precipitation-hardened
  - hard coated
- Balls
  Stainless Steel AISI 420C
- Spring
  Stainless Steel AISI 631
- temperature resistant up to 250 °C
- *ISO-Fundamental tolerances* → *Page 1479*
- *Stainless Steel characteristics* → *Page 1489*
- RoHS compliant

Accessory

- Ball chains GN 111 / GN 111.5 → *Page 876*
- Retaining cables GN 111.2 → *Page 877*
- Spiral retaining cables GN 111.4 → *Page 878*

Information

Stainless Steel-Ball lock pins GN 113.3 / GN 113.4 are used for quick fixing, connecting and locking of various parts and workpieces. A typical application is locating pins which have often to be removed and installed again.

By pressing the spring loaded push button both balls are unlocked and by releasing it the balls are locked again.

Ball lock pins GN 113.3 / GN 113.4 are renowned for their compactness. The eye ring is enclosed unmounted.

Ball lock pins GN 113.4 have an extreme load capacity, the pin is made of heavy duty, hardened and highly abrasion-resistant stainless steel.

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. They constitute no general warranty of quality and condition. The user must determine from case to case whether a product is suitable for the intended use.

see also...

- *List of lock pin types* → *Page 746 ff.*

How to order (Stainless Steel AISI 303)		
GN 113.3-6-20 (1 2)	1	d_1
	2	l_1

How to order (Stainless Steel AISI 630)		
GN 113.4-8-35 (1 2)	1	d_1
	2	l_1