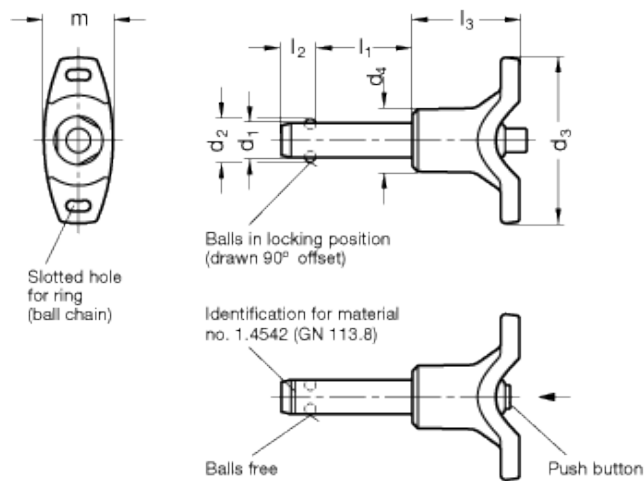


GN 113.8

Ball lock pins



INOX
Stainless Steel



technical informations

Plunger

AISI 630 stainless steel, precipitation hardened, hard coated.

T-Handle

Polyamide based (PA) technopolymer, plastic, black-grey / red.

Balls

AISI 420 C stainless steel.

Spring

AISI 631 stainless steel.

Maximum working temperature

From -30 °C to +80 °C.

Accessories on request

- Ball chains GN 111
- Retaining cable GN 111.2
- Spiral retaining cables GN 111.4

Features and applications

Ball lock pins GN 113.8 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 113.8 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 a shar stress are theoretically obtained and indicative only. They are non-binding recommended values and rule out of any liability. They constitute no general warranty of quality and condition.

The user must determine from case whether a product is suitable for the inteded use.

Standard Elements	Main dimensions								Location bore	Double sided shearing force in kN \approx	Weig
	d ₁ -0.04/-0.08	l ₁ +0.6	d ₂	d ₃	d ₄	l ₂ \pm 0.2	l ₃	m			g
GN 113.8-5-10	5	10	5.5	40	13.5	6	25	15.5	5	24	15
GN 113.8-5-15	5	15	5.5	40	13.5	6	25	15.5	5	24	16
GN 113.8-5-20	5	20	5.5	40	13.5	6	25	15.5	5	24	16
GN 113.8-5-25	5	25	5.5	40	13.5	6	25	15.5	5	24	17
GN 113.8-5-30	5	30	5.5	40	13.5	6	25	15.5	5	24	18
GN 113.8-6-10	6	10	7	40	13.5	7.1	25	15.5	6	35	15
GN 113.8-6-15	6	15	7	40	13.5	7.1	25	15.5	6	35	15
GN 113.8-6-20	6	20	7	40	13.5	7.1	25	15.5	6	35	20
GN 113.8-6-25	6	25	7	40	13.5	7.1	25	15.5	6	35	20
GN 113.8-6-30	6	30	7	40	13.5	7.1	25	15.5	6	35	20
GN 113.8-6-35	6	35	7	40	13.5	7.1	25	15.5	6	35	22
GN 113.8-6-40	6	40	7	40	13.5	7.1	25	15.5	6	35	25
GN 113.8-6-45	6	45	7	40	13.5	7.1	25	15.5	6	35	25
GN 113.8-6-50	6	50	7	40	13.5	7.1	25	15.5	6	35	28
GN 113.8-8-20	8	20	9.5	48	18	8.2	31	20.5	8	63	30
GN 113.8-8-25	8	25	9.5	48	18	8.2	31	20.5	8	63	35
GN 113.8-8-30	8	30	9.5	48	18	8.2	31	20.5	8	63	40
GN 113.8-8-35	8	35	9.5	48	18	8.2	31	20.5	8	63	40
GN 113.8-8-40	8	40	9.5	48	18	8.2	31	20.5	8	63	50
GN 113.8-8-45	8	45	9.5	48	18	8.2	31	20.5	8	63	70
GN 113.8-8-50	8	50	9.5	48	18	8.2	31	20.5	8	63	100
GN 113.8-10-20	10	20	12	48	18	9.6	31	20.5	10	100	40
GN 113.8-10-25	10	25	12	48	18	9.6	31	20.5	10	100	40
GN 113.8-10-30	10	30	12	48	18	9.6	31	20.5	10	100	50
GN 113.8-10-35	10	35	12	48	18	9.6	31	20.5	10	100	60
GN 113.8-10-40	10	40	12	48	18	9.6	31	20.5	10	100	60
GN 113.8-10-45	10	45	12	48	18	9.6	31	20.5	10	100	60
GN 113.8-10-50	10	50	12	48	18	9.6	31	20.5	10	100	70
GN 113.8-10-60	10	60	12	48	18	9.6	31	20.5	10	100	80
GN 113.8-12-25	12	25	14.5	58	24	10.6	36.5	27.5	12	144	94

GN 113.8-12-30	12	30	14.5	58	24	10.6	36.5	27.5	12	144	10C
GN 113.8-12-35	12	35	14.5	58	24	10.6	36.5	27.5	12	144	104
GN 113.8-12-40	12	40	14.5	58	24	10.6	36.5	27.5	12	144	109
GN 113.8-12-45	12	45	14.5	58	24	10.6	36.5	27.5	12	144	11C
GN 113.8-12-50	12	50	14.5	58	24	10.6	36.5	27.5	12	144	12C
GN 113.8-12-60	12	60	14.5	58	24	10.6	36.5	27.5	12	144	12C
GN 113.8-12-70	12	70	14.5	58	24	10.6	36.5	27.5	12	144	13C
GN 113.8-12-80	12	80	14.5	58	24	10.6	36.5	27.5	12	144	13C
GN 113.8-16-30	16	30	19	58	24	14	36.5	27.5	16	257	14C
GN 113.8-16-35	16	35	19	58	24	14	36.5	27.5	16	257	16C
GN 113.8-16-40	16	40	19	58	24	14	36.5	27.5	16	257	16C
GN 113.6-16-45	16	45	19	58	24	14	36.5	27.5	16	257	16C
GN 113.8-16-50	16	50	19	58	24	14	36.5	27.5	16	257	18C
GN 113.8-16-60	16	60	19	58	24	14	36.5	27.5	16	257	18C
GN 113.8-16-70	16	70	19	58	24	14	36.5	27.5	16	257	20C
GN 113.8-16-80	16	80	19	58	24	14	36.5	27.5	16	257	20C



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