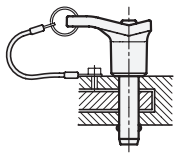
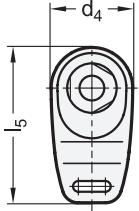
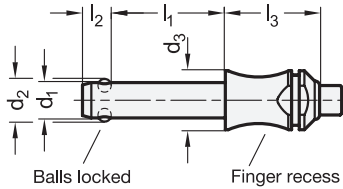


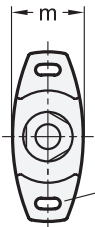
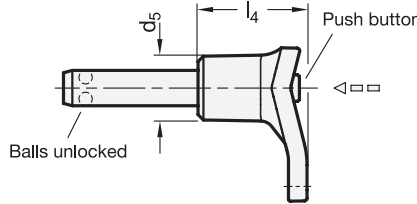
Application example



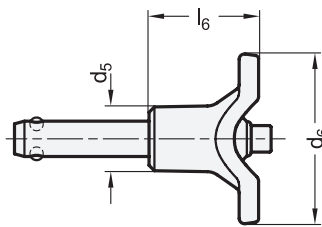
Type M



Type L



Type T



3 Type

- M** With hollow for grip
- L** With L-Handle
- T** With T-Handle

1

2

d_1 <small>$-0,04$ $-0,08$</small>	$l_1 +0,6$					d_2	d_3	d_4	d_5	d_6	$l_2 \pm 1$	$l_3 +0,2$	l_4	l_5	l_6	m	Locating bore H11
6	10	20	30	40	50	7	10	17,5	13,5	40	7	22	26,5	33	25	15,5	6
8	20	30	40	50	-	9,5	14	23	18	48	8,2	27	34	43,5	31	20,5	8
10	20	30	40	50	60	12	14	23	18	48	9,6	27	34	43,5	31	20,5	10

Specification

- Pin
Titanium
- Balls
Ceramic
- Handle (type L / T)
Plastic (Polyamide PA), black
Temperature resistant up to 80 °C
- Compression spring
Corrosion-resistant alloy 2.4610
- Temperature resistant up to 400 °C
- *Load Capacity* → Page QVX
- *ISO Fundamental Tolerances* → Page QVX
- RoHS

Accessory

- Stainless Steel Retaining Cable GN 111.8
→ Page QVX

On request

- With round knob

Information

Ball lock pins GN 113.30 are used for quick fixing, connecting and locking of various parts and workpieces. A typical application are 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.

Due to the selected material, ball lock pins GN 113.30 are suitable for use in highly corrosive environments. The titanium material also results in a 40% weight reduction compared to a similar part of steel or stainless steel.

The titanium version is used in lightweight construction, maritime applications and in chemical production.

The technical section contains the load capacities for the double-sided shearing resistance (breaking strength).

see also...

- *List of Lock Pin Types* → Page QVX ff.
- *Guide Bushings DIN 172 / DIN 179* → Page QVX

How to order

GN 113.30-8-30-M

1	d_1
2	l_1
3	Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9

