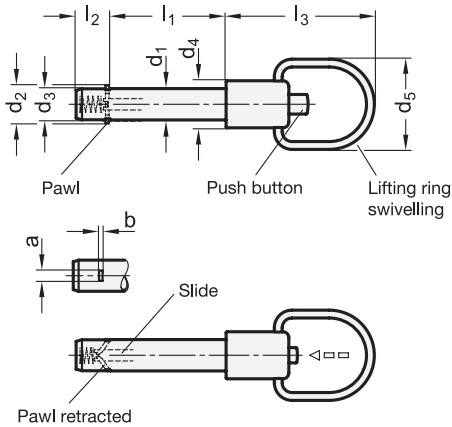
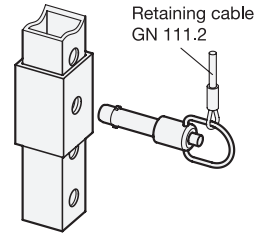




Application example



ROSTFREI
Inox
Stainless
Steel

d ₁	l ₁ +0,4 Minimum size															a	b	d ₂	d ₃	d ₄	d ₅	l ₂	l ₃
6	10*	12*	16	20	25	30	35	40	45	50	60	70	80	-	-	2,3	0,5	7,3 +0,5	5,9	12	23	7	38
8	10*	16	20	25	30	35	40	45	50	60	70	80	90	100	-	2,8	0,6	9,8 +0,5	7,9	12	23	8,4	38
10	15	20	25	30	35	40	45	50	60	70	80	90	100	110	120	3,3	1	11,7 +1	9,9	16	28	9,8	42
12	20	25	30	35	40	45	50	60	70	80	90	100	110	120	-	3,8	1	13,7 +1	11,9	16	28	11,3	42
16	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	4,8	1,2	18,7 +1	15,9	20	32	14,2	46,5

* only GN 214.3

Specification

- **GN 214.3**
 - Pin
Stainless steel AISI 303
 - Slide / Push button
Plastic
Temperature resistant up to 80 °C
Red
- **GN 214.6**
 - Pin
Stainless steel AISI 303
 - Slide / Push button
Stainless steel AISI 303
- Pawl
Stainless steel sheet metal AISI 304
- Lifting ring
Stainless steel AISI 301
- Pressure spring
Stainless steel AISI 301
- Load Capacity → Page 2131
- ISO Fundamental Tolerances → Page 2151
- Stainless Steel Characteristics → Page 2166
- RoHS

Accessory

- Ball Chains GN 111 / GN 111.5 → Page 1174
- Retaining Cables GN 111.2 → Page 1176
- Spiral Retaining Cables GN 111.4 → Page 1175

Information

Locking pins with axial lock GN 214.3 / GN 214.6 are used for quick fixing, connecting and locking of various jig and fixture systems. A typical application is location pins which have to be often removed and re-placed again.

The rectangular pawls made of stainless steel sheet metal keep the locking pin in an axial position in the bore. It can be retracted by pressing the button, once released it returns the pressure spring into its locking position.

The version with swiveling lifting ring is ideal for the use in confined spaces.

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

see also...

- List of Lock Pin Types → Page 1008 ff.
- Locking Pins GN 114.3 (Pin Stainless Steel, Knob Plastic) → Page 1020
- Guide Bushings DIN 172 (with Collar) → Page 1112
- Guide Bushings DIN 179 (without Collar) → Page 1112

How to order (with plastic slide)	1	d ₁
	2	l ₁
GN214.3-16-70		

How to order (with stainless steel slide)	1	d ₁
	2	l ₁
GN214.6-10-60		