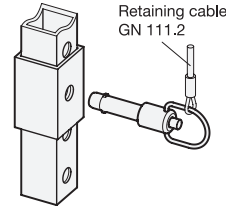


Application example



1 2

d_1 -0,1	$l_1 +0,4$ Minimum size										a	b	d_2	d_3	d_4	d_5	l_2	l_3	Load in kN \approx (Double sided shear force) see information
6	10*	12*	16	20	25	30	35	40	45	50	2,3	0,5	7,5 +0,5	5,9	12	23	7	38	17
8	16	20	25	30	35	40	45	50	-	-	2,8	0,6	10 +0,5	7,9	12	23	8,4	38	35
10	20	25	30	35	40	45	50	60	-	-	3,3	1	12 +1	9,9	16	28	9,8	42	47
12	25	30	35	40	45	50	60	70	80	-	3,8	1	14 +1	11,9	16	28	11,3	42	75
16	30	35	40	45	50	60	70	80	-	-	4,8	1,2	19 +1	15,9	20	32	14,2	46,5	138

* 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

This information applies to both standards:

- Pawl
Stainless Steel sheet metal AISI 304
- Lifting ring
Stainless Steel AISI 301
- Spring
Stainless Steel AISI 301
- *Stainless Steel characteristics* → Page 1489
- *Plastic characteristics* → Page 1483
- **RoHS**

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-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 swivelling lifting ring is ideal for the use in confined spaces.

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.
- *Stainless Steel-Locking pins GN 114.3 (with knob)* → Page 753

How to order (Stainless Steel, with plastic slide)	1	d_1
GN214.3-16-70	2	l_1

How to order (Stainless Steel, with St. Steel slide)	1	d_1
GN214.6-10-60	2	l_1