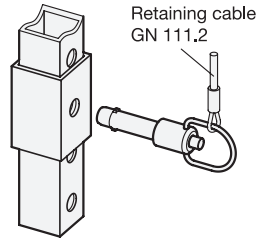


Application example



1 2

$d_1$ -0,1	$l_1 +0,4$ Minimum size												a	b	$d_2$	$d_3$	$d_4$	$d_5$	$l_2$	$l_3$			
6	10	12	16	20	25	30	35	40	45	50	60	70	80	-	-	2,3	0,5	7,5 <sup>+0,5</sup>	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	10 <sup>+0,5</sup>	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	12 <sup>+1</sup>	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	14 <sup>+1</sup>	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	19 <sup>+1</sup>	15,9	20	32	14,2	46,5

**Specification**

- Pin  
Steel  
Zinc plated, blue passivated
- Pawl  
Stainless steel sheet metal AISI 304
- Lifting ring  
Stainless steel AISI 301
- Push button / Slide  
Plastic  
- Temperature resistant up to 80 °C  
- Push button red
- Pressure spring  
Stainless steel AISI 301
- Load Capacity → Page 2131
- ISO Fundamental Tolerances → Page 2151
- Stainless Steel Characteristics → Page 2166
- RoHS

**Information**

Locking pins with axial lock GN 214.2 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 appendix 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 114.2 (with knob) → Page 1019
- Guide Bushings DIN 172 (Cylindrical, with Collar) → Page 1112
- Guide Bushings DIN 179 (Cylindrical, without Collar) → Page 1112

**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

How to order

**GN 214.2-10-60**

1  $d_1$

2  $l_1$