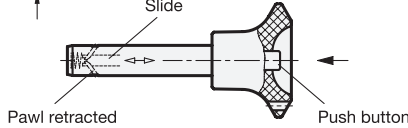
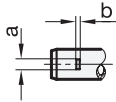
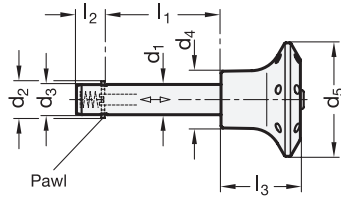
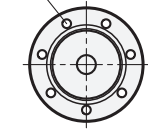
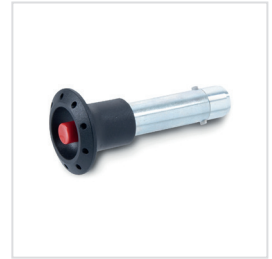
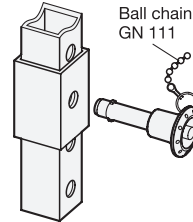


Bore for ring (ball chain)



Example of application



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 ≈ (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	15	30	7	21	14
8	16	20	25	30	35	40	45	50	-	-	2,8	0,6	10 +0,5	7,9	15	30	8,4	21	28
10	20	25	30	35	40	45	50	60	-	-	3,3	1	12 +1	9,9	18	34	9,8	26	38
12	25	30	35	40	45	50	60	70	80	-	3,8	1	14 +1	11,9	18	34	11,3	26	61
16	30	35	40	45	50	60	70	80	-	-	4,3	1,2	19 +1	15,9	22	40	14,2	32	113
20	30	35	40	45	50	60	70	80	-	-	4,3	1,2	23 +1	19,8	25	40	14,8	33	187

Specification

- Pin
Steel
zinc plated, blue passivated
- Pawl
Stainless Steel AISI 304 (sheet metal)
- Knob
Plastic (Polyamide PA)
- black-grey
- temperature resistant up to 80 °C
- Push button / Slide
Plastic
- Push button: red
- temperature resistant up to 80 °C
- Spring
Stainless Steel AISI 301
- *Stainless Steel characteristics* → Page 1144
- **RoHS compliant**

Accessory

- Ball chains GN 111 / GN 111.5 → Page 477
- Retaining cables GN 111.2 → Page 478
- Spiral retaining cables GN 111.4 → Page 479

Information

Locking pins with axial lock GN 114.2 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 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...

- *Range of locking pins* → Page 466

How to order	1	d ₁
GN 114.2-10-60	2	l ₁