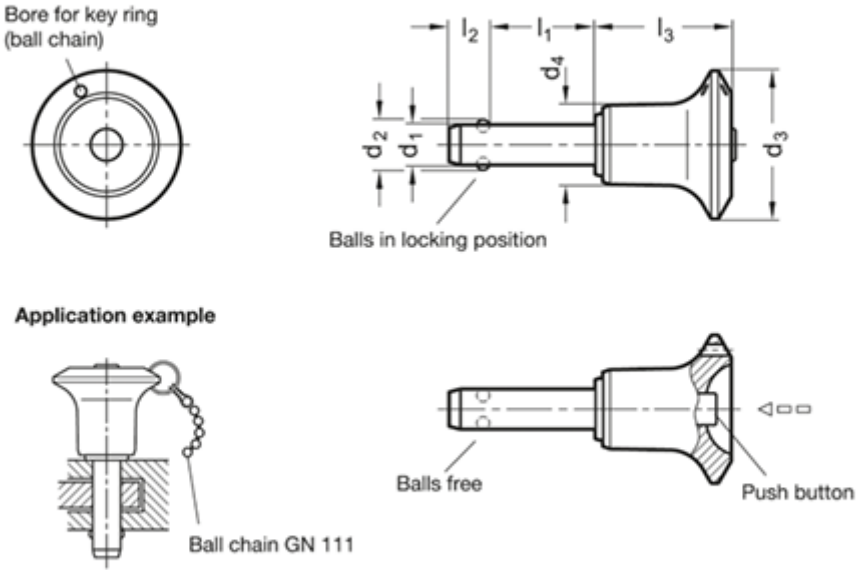


GN 113.9
Stainless Steel-Ball lock pins
with Stainless Steel-Knob, plunger material no. AISI 303



	d1 -0.04/-0.08		l1 +0.6	d2	d3	d4	l2 ±1	l3 -0.2	Locating bore H11	Load in kN ≈ Double sided shearing resistance according DIN 50141 (Breaking strength)		
Description												
GN 113.9-5-10	5	10	5.5	23	10.2	6	20.2	5	14	23		
GN 113.9-5-15	5	15	5.5	23	10.2	6	20.2	5	14	24		
GN 113.9-5-20	5	20	5.5	23	10.2	6	20.2	5	14	24		
GN 113.9-5-25	5	25	5.5	23	10.2	6	20.2	5	14	25		
GN 113.9-5-30	5	30	5.5	23	10.2	6	20.2	5	14	26		
GN 113.9-5-35	5	35	5.5	23	10.2	6	20.2	5	14	26		
GN 113.9-5-40	5	40	5.5	23	10.2	6	20.2	5	14	27		
GN 113.9-5-45												
GN 113.9-5-50	5	45	5.5	23	10.2	6	20.2	5	14	28		
GN 113.9-5-60	5	50	5.5	23	10.2	6	20.2	5	14	28		
GN 113.9-5-70	5	60	5.5	23	10.2	6	20.2	5	14	31		
GN 113.9-5-80	5	70	5.5	23	10.2	6	20.2	5	14	32		
	5	80	5.5	23	10.2	6	20.2	5	14	33		

GN 113.9-6-10	6	10	7	23	10.2	7	20.2	6	21	25			
													

Specification

- Plunger
Stainless Steel AISI 303
- Knob, push button
Stainless Steel AISI 316L
- Balls
Stainless Steel AISI 420C
- Spring
Stainless Steel German material no. 1.4565

Information

Stainless Steel-Ball lock pins GN 113.9 are used for quick fixing, connecting and locking of various parts and workpieces. A typical application is location pins which have to be often removed and replaced again. By pressing the spring loaded push button both balls are unlocked and by releasing it, the balls are locked again.

Technical information

- [ISO-Fundamental Tolerances](#)
- [Stainless Steel characteristics](#)

Accessory

- Ball chains [GN 111](#)
- Stainless Steel-Ball chains [GN 111.5](#)
- Retaining cables [GN 111.2](#)
- Spiral retaining cables [GN 111.4](#)