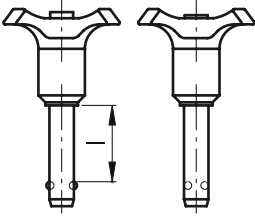
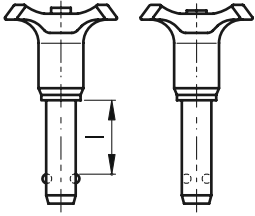
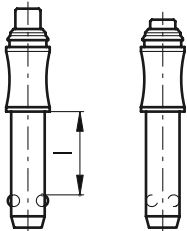


Ball lock pins

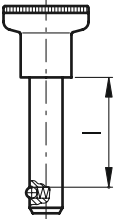
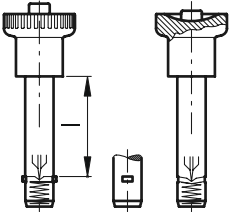
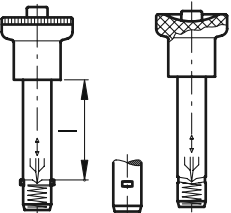
Name / Code No.	Ø Lock pins	for safeguard length l ₁	Material / Finish
Ball lock pins GN 113 page 572	5 ÷ 16	10 ÷ 80	Stainless steel 1.4542 precipitation hardened Handle plastic
	<p>Other features:</p> <p>Lock pin tolerance: -0,04 / -0,08</p> <p>Ball lock pins offer an axial lock which can be released by depressing the push button and when releasing the button the balls spring back into their lock position.</p> <p>The locking mechanism consists of two balls which retract to their rest position inside the plunger.</p> <p>Ball lock pins GN 113 can withstand relatively high loads. The plunger consists of high-strength, hardened stainless steel.</p>		
Ball lock pins GN 113.2 page 574	6 ÷ 12	10 ÷ 80	Stainless steel 1.4305 (AISI 303) Handle plastic
	<p>Other features:</p> <p>Lock pin tolerance: -0,04</p> <p>The operation of these ball lock pins is identical to GN 113.</p> <p>They are used when there is a demand for light duty work. The plungers are not hardened and therefore not suitable for heavy duty work, compared to GN 113.</p>		
Ball lock pins GN 113.3 page 575	6 ÷ 12	10 ÷ 80	Stainless steel 1.4305 (AISI 303)
	<p>Other features:</p> <p>Lock pin tolerance: -0,04</p> <p>The ball lock pins function in the identical way and with the same properties as GN 113.2</p> <p>They are chosen for such applications where there is insufficient space to accommodate a handle.</p>		

8

570

Indexing elements

Ball lock pins

Name / Code No.	Ø Lock pins	for safeguard length l ₁	Material / Finish
Pins with axial lock with ball retainer GN 124 page 577	6 ÷ 12	10 ÷ 50	Plunger: stainless steel 1.4305 (AISI 303) Knob: plastic (Polyamide PA)
	Other features: Lock pin tolerance: h9 Lock pins GN 124 are used for rapid fixing. Contrary to ball lock pins GN 113, GN 113.2 und GN 113.3, the balls are only kept in their lock position by the force of a thrust spring and not rigidly locked. The axial holding force is therefore reduced.		
Pins with axial lock GN 114.1 page 580	8 ÷ 16	16 ÷ 80	Plunger: steel, zinc-plated Pawl: stainless steel 1.4301 (AISI 304) Knob: aluminium, black anodized
	Other features: Lock pin tolerance: -0,04 As with ball lock pins the lock pins, GN 114.1 also offer an axial lock, which can also be released by depressing the push button in the knob and re-engaged by releasing the button. The locking mechanism, however, consists of rectangular locking pawls in stainless steel. These pawls are withdrawn from their lock position by depressing the push button (DBP).		
Pins with axial lock GN 114 page 578	6 ÷ 12	10 ÷ 80	Plunger: steel, zinc-plated Pawl: plastic (Polyacetal POM) Push button/Knob: plastic (Polyamide PA)
	Other features: Lock pin tolerance: -0,04 The lock pins GN 114 work on the same principle as GN 114.1. The pawls and the push button with the push rod are, however, made of plastic. For this reason this type is a very competitively priced version.		