

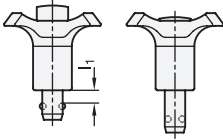
Ball lock pins - Locking pins with axial locks

Range



GN 113.1

Ball lock pins
with clamping length
compensation
→ Page 469



Ø Pin

Ø 6 ... Ø 12

for clamping length l1

0 ... 5 / 5 ... 10

Material / Finish

- Stainless Steel AISI 303
- Knob
Plastic

Other features

Locking pin tolerance: -0,04 / -0,08

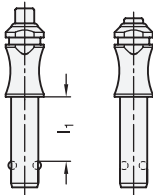
Ball lock pins GN 113.1 are used for rapid fixing and, at the same time, play-free clamping of thin component.

By depressing the spring-loaded push button the pin advances by max. 5 mm and at the same time frees the two balls.

GN 113.3

GN 113.4

Ball lock pins
→ Page 470



Ø Pin

Ø 5 ... Ø 20

for safeguard length l1

10 ... 120

Material / Finish

- GN 113.3:
Stainless Steel AISI 303
- GN 113.4:
Stainless Steel AISI 630
precipitation-hardened
hard coated

Other features

Locking pin tolerance: -0,04 / -0,08

Ball lock pins GN 113.3 / GN 113.4 offer an axial lock. By pressing the spring loaded push button both balls are unlocked and by releasing it the balls are locked again.

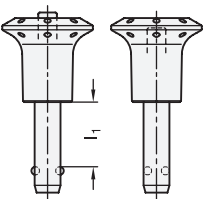
These ball lock pins are reasonably priced and renowned for their compactness.

Ball lock pins GN 113.4 are hardened and have an extreme load capacity.

GN 113.5

GN 113.6

Ball lock pins
→ Page 471



Ø Pin

Ø 5 ... Ø 16

for safeguard length l1

10 ... 80

Material / Finish

- GN 113.5:
Stainless Steel AISI 303
- GN 113.6:
Stainless Steel AISI 630
precipitation-hardened
hard coated
- Knob
Plastic

Other features

Locking pin tolerance: -0,04 / -0,08

The operation of ball lock pins GN 113.5 / GN 113.6 is identical to GN 113.3 / GN 113.4, they only differ by a plastic knob instead of the turned hollow for grip.

Ball lock pins - Locking pins with axial locks

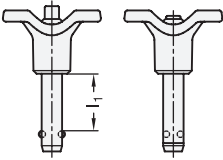
Range



2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9

GN 113.7
GN 113.8

Stainless Steel-
Ball lock pins
→ Page 472



Ø Pin
Ø 5 ... Ø 16

for safeguard length l1
10 ... 80

Material / Finish

- GN 113.7:
Stainless Steel AISI 303
- GN 113.8:
Stainless Steel AISI 630
precipitation-hardened
hard coated
- T-handle
Plastic

Other features

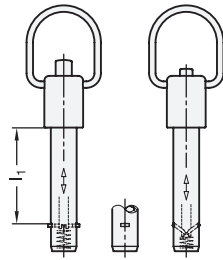
Locking pin tolerance: -0,04 / -0,08

Stainless Steel-Ball lock pins GN 113.7 / GN 113.8 are identical with Stainless Steel-Ball lock pins GN 113.3 / GN 113.4. But they have a T-handle made of plastic instead of the twisted grip.

The operation of ball lock pins GN 113.7 / GN 113.8 is identical to GN 113.3 / GN 113.4, they only differ by a plastic T-handle instead of the turned hollow for grip.

GN 214.2

Locking pins
with axial lock
→ Page 473



Ø Pin
Ø 6 ... Ø 16

for safeguard length l1
10 ... 80

Material / Finish

- GN 214.2:
Pin Steel, zinc plated
- Knob / Push-button
Plastic
- Pawls
Stainless Steel AISI 304

Other features

Locking pin tolerance: -0,05

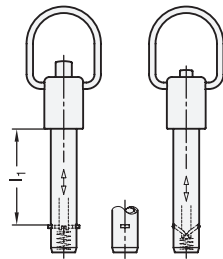
As with ball lock pins the locking pins GN 214.2 also offer an axial lock, which can also be released by depressing the push button in the knob and re-engaged by releasing the button.

The locking mechanism consists of rectangular locking pawls in Stainless Steel. These pawls are withdrawn from their lock position by depressing the push button.

Locking pins GN 214.2 are very reasonably priced.

GN 214.3
GN 214.6

Stainless Steel-Locking
pins with axial lock
→ New products



Ø Pin
Ø 6 ... Ø 16

for safeguard length l1
10 ... 80

Material / Finish

- GN 214.2:
Pin Steel, zinc plated
Knob / Push-button
Plastic
- GN 214.3:
Pin
Stainless Steel AISI 303
Knob / Push-button
Stainless Steel AISI 303

Other features

Locking pin tolerance: -0,1

As with ball lock pins the Stainless Steel-Locking pins GN 214.2 / GN 214.6 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 consists of rectangular locking pawls in Stainless Steel. These pawls are withdrawn from their lock position by depressing the push button.

Stainless Steel-Locking pins GN 214.2 / GN 214.6 are very reasonably priced.

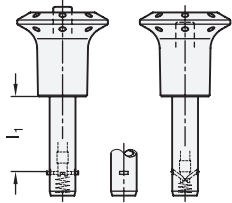
Ball lock pins - Locking pins with axial locks

Range



GN 114.2

Locking pins
with axial lock
→ Page 474



Ø Pin

Ø 6 ... Ø 20

for safeguard length l1
16 ... 80

Material / Finish

- Pin Steel, zinc plated
- Pawls
Stainless Steel AISI 304
- Push button (slide) / Knob
Plastic

Other features

Locking pin tolerance: 0 / -0,04

As with ball lock pins the locking pins GN 114.2 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.

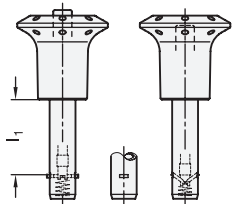
The locking mechanism consists of rectangular locking pawls in Stainless Steel. These pawls are withdrawn from their lock position by depressing the push button.

Locking pins GN 114.2 are very reasonably priced.

GN 114.3

GN 114.6

Locking pins
with axial lock
→ Page 475



Ø Pin

Ø 6 ... Ø 20

for safeguard length l1
10 ... 80

Material / Finish

- Pin
Stainless Steel AISI 303
- Pawls
Stainless Steel AISI 304
- GN 114.3:
Knob / Push-button
Plastic
- GN 114.6:
Knob / Push-button
Stainless Steel AISI 304

Other features

Locking pin tolerance: 0 / -0,04

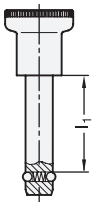
As with ball lock pins the locking pins GN 114.3 / GN 114.6 also offer an axial lock, which can also be released by depressing the push button in the knob and re-engaged by releasing the button.

The locking mechanism consists of rectangular locking pawls in Stainless Steel. These pawls are withdrawn from their lock position by depressing the push button.

Locking pins GN 114.3 / GN 114.6 are very reasonably priced.

GN 124

Locking pins
with axial lock
with ball retainer
→ Page 476



Ø Pin

Ø 6 ... Ø 12

for safeguard length l1
10 ... 50

Material / Finish

- Pin
Stainless Steel AISI 303
- Knob
Plastic

Other features

Locking pin tolerance: -0,04 / -0,08

Locking pins GN 124 are used for rapid fixing.

Contrary to ball lock pins GN 113.3 and GN 113.4 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.