# Locking pins with axial lock - Types



GN 113.3 GN 113.4 Page 748 Ø 5 / 6 / 8 / 10 / 12 / 16 / 20 with tightened gripping tray





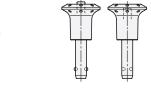
#### Function:

• The locking element consists of 2 balls, which are "retracted" by press of a button and brought back into the (form-locking) lock function by a spring.

# Features:

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

GN 113.5 GN 113.6 Page 749 Ø 5 / 6 / 8 / 10 / 12 / 16 with plastic knob



#### **Function:**

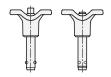
 The locking element consists of 2 balls, which are "retracted" by press of a button and brought back into the (form-locking) lock function by a spring.

## Features:

- GN 113.5: Stainless Steel AISI 303
- GN 113.6: Stainless Steel AISI 630, precipitation-hardened

GN 113.7 GN 113.8 Page 750 Ø 5 / 6 / 8 / 10 / 12 / 16 with plastic T-handle





# Function:

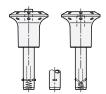
 The locking element consists of 2 balls, which are "retracted" by press of a button and brought back into the (form-locking) lock function by a spring.

#### Features:

- GN 113.7: Stainless Steel AISI 303
- GN 113.8: Stainless Steel AISI 630, precipitation-hardened

GN 114.2 GN 114.3 GN 114.6 Page 752 / 753 Ø 6 / 8 / 10 / 12 / 16 / 20 with knob





# Function:

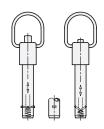
 The locking element consists of rectangular locking pawls, which are "retracted" by press of a button a brought back into the lock function by a spring (DBP).

#### Features:

- GN 114.2
  - Pin steel, zinc plated
  - Knob, push-button, slide plastic
- GN 114.3
  - Pin Stainless Steel AISI 303
  - Knob, push-button, slide plastic
- GN 114.6
  - Pin Stainless Steel AISI 303
  - Knob, push-button, slide Stainless Steel

GN 214.2 GN 214.3 GN 214.6 Page 754 / 755 Ø 6 / 8 / 10 / 12 / 16 / 20 with lifting ring (Stainless Steel AISI 301)





# **Function:**

 The locking element consists of rectangular locking pawls, which are "retracted" by press of a button a brought back into the lock function by a spring (DBP).

# Features:

- GN 114.2
  - Pin steel, zinc plated
  - Push-button, slide plastic
- GN 114.3
  - Pin Stainless Steel AISI 303
  - Push-button, slide plastic
- GN 114.6
- Pin Stainless Steel AISI 303
- Push-button, slide Stainless Steel AISI 303

# Locking pins with axial lock - Types



GN 2342 Page 760 Type B / E Ø 8 / 10 / 12 / 16 / 20





#### Function:

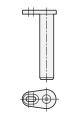
- With type B and E Stainless Steel-Assembly pins, axial positioning is performed with a collar or eyelet washer.
- Axial securing is by means of a transverse hole (id. no. 2) in which a spring cotter pin is inserted.
- Assembly pins with eyelet washers (type E), including the matching spring cotter pin, can additionally be secured against loss with a retaining cable.

### Features:

• Pin Stainless Steel AISI 304

GN 2342 Page 760 Type L Ø 8 / 10 / 12 / 16 / 20





# Function:

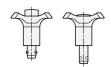
- With type L Stainless Steel-Assembly pins, axial positioning is by means of a fastening tab.
- Fastened with a countersunk screw, the fastening tab holds the assembly pin in the hole so that it is secured against rotation and does not have any play.

### Features:

Pin Stainless Steel AISI 304

**GN 113.1** Page 758 Ø 6 / 8 / 10 / 12





#### Function:

- The ball lock pins are used for quick fixing of thin-walled parts e.g. sheets.
- By depressing the spring-loaded push button the pin advances and at the same time frees the two balls.

#### Features:

- Pin Stainless Steel AISI 303
- Handle plastic

**GN 124.2** Page 756 Ø 6 / 8 / 10 / 12





# Function:

 The locking element consists of one or two guide balls that are held in the locking position using a thrust spring. The bolts can be quickly and easily inserted and removed from the locating hole.

#### Features:

- Pin Stainless Steel AISI 303
- Knob plastic

**GN 124.1** Page 757 Ø 6 / 8 / 10 / 12





#### **Function:**

- Combined with magnetic components, the magnet fitted at the bottom of the knob holds the locking pins in the axial direction.
- Good surfaces and perpendicular drilling heads help in achieving extremely good axial retaining forces.

#### Features:

- Pin Stainless Steel AISI 303
- Knob plastic
- Retaining magnet neodymium, iron, boron



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