# Ball Lock Pin / Rapid Release Pin Types



GN 113.3 GN 113.4

Page 1062

With finger recess

Pin Ø 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 mm





#### Function:

The locking element consists of two balls that are freed by depressing the spring loaded push button and locked by releasing the push button.

#### Features:

- GN 113.3: stainless steel AISI 303
- GN 113.4: stainless steel AISI 630, precipitation hardened

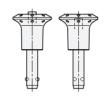
GN 113.5 GN 113.6 Page 1063

With plastic knob

Pin Ø 5 / 6 / 8 / 10 / 12 / 16 mm







#### Function:

The locking element consists of two balls that are freed by depressing the spring loaded push button and locked by releasing the push button.

### Features:

- GN 113.5: stainless steel AISI 303
- GN 113.6: stainless steel AISI 630, precipitation hardened

GN 113.9 GN 113.10 Page 1064

With stainless steel knob

Pin Ø 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 mm







The locking element consists of two balls that are freed by depressing the spring loaded push button and locked by releasing the push button.

#### Features:

- GN 113.9: stainless steel AISI 303
- GN 113.10: stainless steel AISI 630, precipitation hardened

GN 113.7 GN 113.8 Page 1065

With plastic T-handle

Pin Ø 5 / 6 / 8 / 10 / 12 / 16 mm



Stainless Steel



The locking element consists of two balls that are retracted by depressing the spring loaded push button and locked by releasing the push button.

#### Features:

- GN 113.7: stainless steel AISI 303
- GN 113.8: stainless steel AISI 630, precipitation hardened

GN 113.11 GN 113.12

Page 1066
With plastic L-handle

Pin Ø 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 mm



Stainless Steel Function

The locking element consists of two balls that are retracted by depressing the spring loaded push button and locked by releasing the push button.

## Features:

- GN 113.11: stainless steel AISI 303
- GN 113.12: stainless steel AISI 630, precipitation hardened

**GN 314** Page 1067

Page 1067

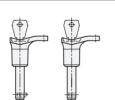
With plastic L-handle

Lockable

Pin Ø 8 / 10 / 12 / 16 / 20 mm



Stainles Steel



# Function:

The locking element consists of a pawl at the front end of the shank pin, which is "retracted" or brought into the locking position by a 180° turn of the key.

## **Features**

- Shank pin, pawl: stainless steel AISI 303
- Lock mechanism: zinc die-cast / stainless steel
- Key: steel, nickel plated

RP 200 RP 200.1 Page 1068

With aluminum knob

Pin Ø .250 / .313 / .375 / .500 / .625"



## Function

The locking element consists of two balls that are retracted by depressing the spring loaded push button and locked by releasing the push button.

# Features:

- RP 200: zinc plated steel
- RP 200.1: stainless steel 17-4, heat treated

WN 100.1 Page 1069

With plastic T-handle Pin Ø .250 / .313 / .375 / .500 / .625"



## Function:

The locking element consists of two balls that are retracted by depressing the spring loaded push button and locked by releasing the push button.

## Features

- Pin in stainless steel 17-4, heat treated
- T-handle in black anodized aluminum die-cast A383

# **Ball Lock Pin / Rapid Release Pin Types**



3.1

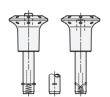
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GN 114.2 GN 114.3 GN 114.6

Page 1070 / 1071 / 1072

With plastic / stainless steel knob Pin Ø 6 / 8 / 10 / 12 / 16 / 20 mm





#### Function:

The locking element consists of rectangular pawls that are retracted by depressing the spring loaded push button and locked by releasing the push button.

#### Features:

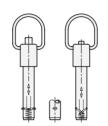
- GN 114.2
- Pin in zinc plated steel
- Knob, push button and push rod in plastic
- GN 114 3
  - Pin in stainless steel AISI 303
- Knob, push button and push rod in plastic
- GN 114.6
  - Pin in stainless steel AISI 303
- Knob, push button and push rod in stainless steel

GN 214.2 GN 214.3 GN 214.6

www.jwwinco.com
With pull ring

(stainless steel AISI 301) Pin Ø 6 / 8 / 10 / 12 / 16 mm





#### Function:

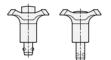
The locking element consists of rectangular pawls that are retracted by depressing the spring loaded push button and locked by releasing the push button.

### Features:

- GN 214.2
- Pin in zinc plated steel
- Push button and push rod in plastic
- GN 214 3
- Pin in stainless steel AISI 303
- Push button and push rod in plastic
- GN 214.6
- Pin in stainless steel AISI 303
- Push button and push rod in stainless steel AISI 303

GN 113.1 Page 1073 With plastic handle Pin Ø 6 / 8 / 10 / 12 mm





## Function

- Ball lock pins are used for rapid clamping and simultaneously play-free connecting of thin components.
- By depressing the spring-loaded push button the pin advances and at the same time frees the two balls.

## Features:

- Pin in stainless steel AISI 303
- Handle in plastic

GN 124.2 Page 1074 With plastic knob Pin Ø 6 / 8 / 10 / 12 mm





# Function:

The locking element consists of one or two retaining balls that are held in position by a compression spring. The pin can be quickly and easily inserted and removed from the location bore.

## Features:

- Pin in stainless steel AISI 303
- Knob in plastic

**GN 124.1**Page 1075

With plastic knob

Pin Ø 6 / 8 / 10 / 12 mm





## Function:

- In combination with components made from a magnetic material, the magnet that is recessed into the underside of the knob axially retains the pin in its inserted position.
- Appropriate surface conditions and perpendicular location bores favor extremely good axial retaining forces.

## Features:

- Pin in stainless steel AISI 303
- Knob in plastic
- $\bullet$  Retaining magnet in neodymium, iron, boron

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# Ball Lock Pin / Rapid Release Pin Types



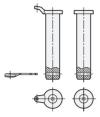
GN 2342

Page 1076

Type B / E

Pin Ø 8 / 10 / 12 / 16 / 20 mm





#### Function:

- Type B and E assembly pins are axially positioned by a plain or eyelet washer.
- They are axially secured by a cross hole (identification no. 2) in which a spring cotter pin is inserted.
- Assembly pins with eyelet washer, including the matching spring cotter pins, can additionally be secured against loss with a retaining cable.

Pin in stainless steel AISI 304

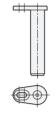
GN 2342

Page 1076

Type L

Pin Ø 8 / 10 / 12 / 16 / 20 mm





### Function:

- Type L assembly pins are axially positioned by a mounting shackle washer.
- Attached with a countersunk screw, the mounting shackle washer holds the assembly pin play-free in the hole so that it is secured against rotation.

### Feature:

Pin in stainless steel AISI 304

**GN 124.3** 

Page XYZ

Pin Ø 6 / 10 / 12 mm With eyelet washer







#### **Function:**

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

#### Feature:

- Pin in stainless steel AISI 303
- Washer stainless steel AISI 316LHC, metal injection molded

GN 113.30 Page XYZ

Type M

Pin Ø 6 / 8 / 10 mm With finger recess



• 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 pressure

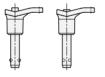
## Feature:

- Pin titanium
- Balls ceramic
- Key: steel, nickel plated

GN 113.30

Type L

Pin Ø 6 / 8 / 10 mm With L-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 pressure spring.

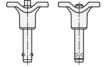
## Feature:

- Pin titanium
- Knob plastic
- Balls ceramic

GN 113.30

Page XYZ Type T

Pin Ø 6 / 8 / 10 mm With T-handle



• 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 pressure spring.

# Feature:

- Pin titanium
- Knob plastic
- Balls ceramic