

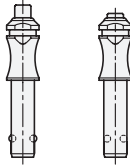
GN 113.3

GN 113.4

Page 1012

Ø 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25

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 pressure spring.

Features:

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

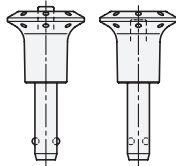
GN 113.5

GN 113.6

Page 1013

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 pressure spring.

Features:

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

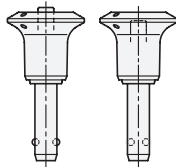
GN 113.9

GN 113.10

Page 1014

Ø 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25

With stainless steel 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 pressure spring.

Features:

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

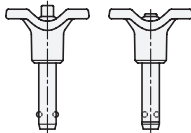
GN 113.7

GN 113.8

Page 1015

Ø 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25

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 pressure spring.

Features:

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

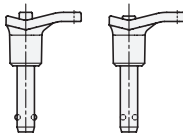
GN 113.11

GN 113.12

Page 1017

Ø 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25

With plastic 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 spring.

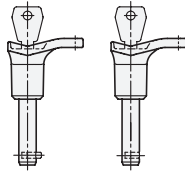
Features:

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

GN 314

Page 1018

Ø 6 / 8 / 10 / 12 / 16 / 20
With plastic L-handle
lockable



Function:

- The locking element consists of a pawl on the front end of the pin, which is retracted or extended into the locking position by turning the key 180°.

Features:

- Pin, pawl: Stainless steel AISI 303
- Locking mechanism, zinc / stainless steel
- Key, steel nickel plated

3.1

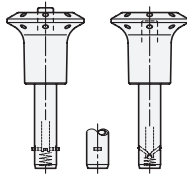
3.2

GN 114.2

GN 114.3

Page 1019 / 1020

Ø 6 / 8 / 10 / 12 / 16 / 20
With plastic 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 pressure 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

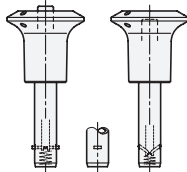
3.3

3.4

GN 114.6

Page 1021

Ø 6 / 8 / 10 / 12 / 16 / 20
With stainless steel 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 pressure spring (DBP).

Features:

- Pin stainless steel AISI 303
- Knob, push-button, slide stainless steel

3.5

3.6

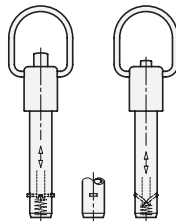
GN 214.2

GN 214.3

GN 214.6

Page 1022 / 1023

Ø 6 / 8 / 10 / 12 / 16
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 pressure 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

3.7

3.8

3.9

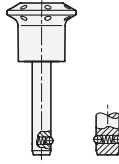


GN 124.2

Page 1024

Ø 6 / 8 / 10 / 12

With plastic knob



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.

Features:

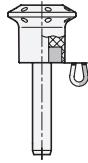
- Pin stainless steel AISI 303
- Knob plastic

GN 124.1

Page 1025

Ø 6 / 8 / 10 / 12

With plastic knob



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:

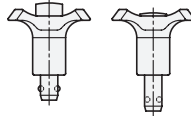
- Pin stainless steel AISI 303
- Knob plastic
- Retaining magnet neodymium, iron, boron

GN 113.1

Page 1026

Ø 6 / 8 / 10 / 12

With plastic handle



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:

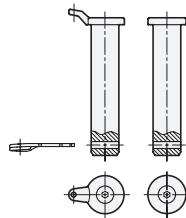
- Pin stainless steel AISI 303
- Handle plastic

GN 2342

Page 1028

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 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.

Feature:

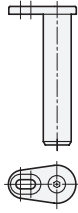
- Pin stainless steel AISI 304

GN 2342

Page 1028

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.

Feature:

- Pin stainless steel AISI 304

3.1

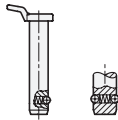
3.2

GN 124.3

Page XYZ

Ø 8 / 10 / 12

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.

Features:

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

3.3

3.4

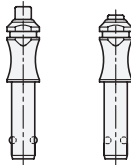
GN 113.30

Page XYZ

Ø 6 / 8 / 10

Type M

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 pressure spring.

Features:

- Pin Titanium
- Balls ceramic

3.5

3.6

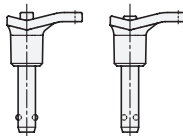
GN 113.30

Page XYZ

Ø 6 / 8 / 10

Type L

With plastic L-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 pressure spring.

Features:

- Pin Titanium
- Knob plastic
- Balls ceramic

3.7

3.8

3.9



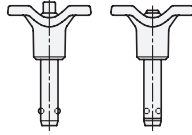
GN 113.30

Page XYZ

Ø 6 / 8 / 10

Type T

With plastic T-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 pressure spring.

Features:

- Pin Titanium
- Knob plastic
- Balls ceramic