Locking pins with axial lock - Types

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 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 114.2
GN 114.3
GN 114.6
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Ø 6 / 8 / 10 / 12 / 16 / 20
with knob (Stainless Steel AISI 301)

Function:
• The locking element consists of rectangular locking pawls, which are “retracted” by press of a button and 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
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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 and 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
Function:
- With type L Stainless Steel-Assembly pins, axial positioning is performed with 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

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

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

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

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