### Indexing Plunger Types

#### Unlocking by Pulling the Plunger Pin

**GN 617**
- Non lock-out
- Pin Ø 5/6/8/10 mm
- Inch/Metric thread
- Non lock-out
- Pin Ø 5/6/8/10 mm
- Metric thread

**GN 617.1**
- Lock-out
- Pin Ø 5/6/8/10 mm
- Inch/Metric thread

**Additional features:**
- Body in blackened steel or stainless steel
- GN 617, GN 613, GN 618 with or without knob
- Stainless steel version with plastic or stainless steel knob
- Solid plunger pin: no change in Ø over the entire length
- Steel plunger pin hardened
- High precision plunger pin body

**GN 613**
- Non lock-out
- Pin Ø 5/6/8/10 mm
- Metric thread

**GN 618**
- Non lock-out
- Unthreaded
- Weldable steel
- Pin Ø 5/6/8 mm

**HRSP ... ST**
- Non lock-out
- Pin Ø .104/.124/.155/.186/.249”
- Inch thread

**LRSP ... ST**
- Lock-out
- Pin Ø .123/.154/.185/.248”
- Inch thread

**Additional features:**
- Body in zinc plated steel or stainless steel
- Steel plunger pin hardened
- With or without sealing patch

**EN 617.2**
- Non lock-out
- Pin Ø 5/6/8/10 mm
- Inch/Metric thread

**EN 617.2.8**
- Non lock-out
- Pin Ø 7/8/10/12 mm
- Length: 20/25/30/35 mm
- Metric thread

**GN 817**
- Type B / G
- Non lock-out
- Pin Ø 4/5/6/8/10/12/16 mm
- Inch/Metric thread

**GN 817.8**
- Type B
- Non lock-out
- Pin Ø 7/8/10/12 mm
- Length: 20/25/30/35 mm
- Metric thread

**GN 817.8.8**
- Type C
- Lock-out
- Pin Ø 7/8/10/12 mm
- Length: 20/25/30/35 mm
- Metric thread

**Additional features:**
- Body in blackened steel or stainless steel
- Type B/C with black or red knob, Type G without knob
- 2 strokes (plunger pin Ø 4/5/6/8 mm)
- Steel plunger pin hardened
- High precision plunger pin body
- Lock-out mechanism integrated in the knob
- Reduced overall dimensions
Indexing Plunger Types
Unlocking by Pulling the Plunger Pin

GN 817.2
GN 817.2 ... NI
Type B
Non lock-out
With extended height knob
Pin Ø 4/5/6/8/10/12 mm
Inch/Metric thread

Additional features:
• Body in blackened steel or stainless steel
• 2 strokes (plunger pin Ø 4/5/6/8 mm)
• Steel plunger pin hardened
• High precision plunger pin body
• Lock-out mechanism integrated in the knob
• Reduced overall dimensions

GN 817.9
GN 817.9 ... NI
Type B
Non lock-out
With extended height knob
Pin Ø 6/8/10/12 mm
Inch/Metric thread

Additional features:
• Designed for special plunger pins in small quantities
• All components are delivered as an unassembled set so that the plunger pins can be modified
• Body in black powder coated zinc die-cast
• Plunger pin in stainless steel
• Lock-out mechanism integrated in the knob
• Reduced overall dimensions

GN 717 ... ST
GN 717 ... NI
Type A / D
Non lock-out
Pin Ø 3/4/5/6/8/10 mm
Inch/Metric thread

Additional features:
• Body in zinc plated steel or stainless steel
• Type A: with lifting ring
• Type D: with wire loop
• Coarse pitch thread or fine pitch thread
• Reduced overall dimensions
• Reasonably priced version

SPRP
Non lock-out
Pin Ø .155/.250/.312/.375" Inch thread

Additional features:
• Body in zinc plated steel or stainless steel
• Steel plunger pin hardened
• With lifting ring
• Reduced overall dimensions
• Reasonably priced version

PRP
Lock-out
Pin Ø .155/.233/.312" Inch thread

Additional features:
• Body in zinc plated steel
• Steel plunger pin hardened
• With lifting ring
• Reasonably priced version
## Indexing Plunger Types

### Unlocking by Pulling the Plunger Pin

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<th>Pin Diameter</th>
<th>Additional Features</th>
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</table>
| **Type B** Non lock-out | GN 607 ... ST | 4/5/6/8/10 mm Metric thread | - Body in blackened steel or stainless steel  
- Steel plunger pin hardened  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **Type B** Non lock-out | GN 607 ... NI | 4/5/6/8/10 mm Metric thread | - Body in blackened steel or stainless steel  
- Steel plunger pin hardened  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **Type C** Lock-out | GN 607.1 ... ST | 4/5/6/8/10 mm Metric thread | - Body in blackened steel or stainless steel  
- Seed plunger pin hardened  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **Type C** Lock-out | GN 607.1 ... NI | 4/5/6/8/10 mm Metric thread | - Body in blackened steel or stainless steel  
- Seed plunger pin hardened  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **G413** Non lock-out | GN 413 ... ST | 4/5/6/8/10 mm Metric thread | - Body in blackened steel or stainless steel  
- Coarse pitch thread or fine pitch thread  
- Plunger pin in stainless steel  
- With wire loop  
- Reduced overall dimensions |
| **G413** Non lock-out | GN 413 ... NI | 4/5/6/8/10 mm Metric thread | - Body in blackened steel or stainless steel  
- Coarse pitch thread or fine pitch thread  
- Plunger pin in stainless steel  
- With wire loop  
- Reduced overall dimensions |
| **GN 607** Non lock-out | GN 607 ... ST | 6/8 mm Metric thread | - Body in blackened steel or stainless steel  
- Steel plunger pin hardened  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 607** Non lock-out | GN 607 ... NI | 6/8 mm Metric thread | - Body in blackened steel or stainless steel  
- Steel plunger pin hardened  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 607.2** Non lock-out | GN 607.2 ... ST | 6/8 mm | - Designed for installation in thin walled equipment  
- Body in blackened steel  
- Plunger pin in stainless steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 607.2** Non lock-out | GN 607.2 ... NI | 6/8 mm | - Designed for installation in thin walled equipment  
- Body in blackened steel  
- Plunger pin in stainless steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 607.4** Non lock-out Weldable steel | GN 607.4 ... ST | 6/8 mm | - Body in blackened steel  
- Plunger pin in hardened steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 607.4** Non lock-out Weldable steel | GN 607.4 ... NI | 6/8 mm | - Body in blackened steel  
- Plunger pin in hardened steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 608** Non lock-out | GN 608 ... ST | 6/8 mm | - Body in blackened steel  
- Plunger pin in hardened steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 608** Non lock-out | GN 608 ... NI | 6/8 mm | - Body in blackened steel  
- Plunger pin in hardened steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 608.1** Non lock-out | GN 608 ... ST | 6/8 mm | - Body in blackened steel  
- Plunger pin in hardened steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 608.1** Non lock-out | GN 608 ... NI | 6/8 mm | - Body in blackened steel  
- Plunger pin in hardened steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 608.5** Non lock-out | GN 608.5 ... ST | 6/8 mm | - Body in blackened steel  
- Plunger pin in hardened steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
| **GN 608.5** Non lock-out | GN 608.5 ... NI | 6/8 mm | - Body in blackened steel  
- Plunger pin in hardened steel  
- 2 strokes per pin Ø  
- Lock-out mechanism integrated in the knob |
Indexing Plunger Types
Unlocking by Pulling the Plunger Pin

GN 822 ... ST
GN 822 ... NI
Type B
Non lock-out
Pin Ø 4/5/6/7 mm
Metric thread

Additional features:
• Smallest dimensions (mini indexing plungers)
• Thread without recess for installation in thin walled sheet metal applications
• Body in zinc plated steel or stainless steel
• Plunger pin in stainless steel
• With black or red knob
• Hidden lock mechanism

Type C
Lock-out
Pin Ø 4/5/6/7 mm
Metric thread

GN 822.1 ... ST
GN 822.1 ... NI
Type B
Non lock-out
With low profile knob
Pin Ø 4/5/6/7 mm
Metric thread

Additional features:
• Smallest dimensions (mini indexing plungers)
• Thread without recess for installation in thin walled sheet metal applications
• Body in zinc plated steel or stainless steel
• Plunger pin in stainless steel
• With black or red knob
• Open lock mechanism

Type C
Lock-out
With low profile knob
Pin Ø 4/5/6/7 mm
Metric thread

GN 822.6
GN 822.7
Type B
Non lock-out
Pin Ø 4/5/6/7/8/10 mm
.155/.186/.249/.311”
Inch/Metric thread

Additional features:
• Smallest dimensions (mini indexing plungers)
• Thread with recess for seamless assembly
• Body in zinc plated steel or stainless steel
• Stainless steel version with plastic or stainless steel knob
• Plunger pin in stainless steel
• Coarse pitch thread or fine pitch thread

Type C
Lock-out
Pin Ø 4/5/6/7/8/10 mm
.155/.186/.249/.311”
Inch/Metric thread

GN 822.8
GN 822.9
Type B
Non lock-out
Pin Ø 4/5/6/8/10 mm

Additional features:
• Smallest dimensions (mini indexing plungers)
• Body in black powder coated zinc die-cast or stainless steel
• Plunger pin in stainless steel
• Stainless steel version with plastic or stainless steel knob

Type C
Lock-out
Pin Ø 4/5/6/8/10 mm

GN 412
Type B
Non lock-out
Pin Ø 5/6/8/10 mm

Additional features:
• Reduced overall dimensions
• Mounting from the front or back (tapped type)
• Body in black powder coated zinc die-cast
• Plunger pin in stainless steel
• Assembly sets for profile systems available

Type C
Lock-out
Pin Ø 5/6/8/10 mm

GN 416
Type S
Without latching
Non lock-out
Pin Ø 6/8/10/12 mm

Additional features:
• Body in black powder coated zinc die-cast
• Plunger pin in zinc plated steel
• Latch lever in plastic
• Operation beyond the plunger pin axis
• Assembly sets for profile systems available
• Type L1/R1: Latching via clockwise or counter-clockwise rotation of the latch lever
• Accessory: Locators GN 416.1

Type L1/R1
With latching
Lock-out
Pin Ø 6/8/10/12 mm
3.1 Indexing, Locking, Blocking with Pins and Ball-Shaped Elements

Indexing Plunger Types
Unlocking by Pulling the Plunger Pin

GN 417
Type A/D
Non lock-out
Pin Ø 4/5/6/8/10 mm

Additional features:
- Body in black powder coated zinc die-cast
- Plunger pin in stainless steel
- Assembly sets for profile systems available
- Type A: with lifting ring
- Type D: with wire loop

GN 817.3
Type B
Non lock-out
Cylindrical plunger pin
Pin Ø 6/8/10 mm

Additional features:
- Designed for highly accurate positioning by utilizing drill bushings
- Body in blackened steel
- Plunger pin hardened
- 2 strokes per pin Ø
- Lock-out mechanism integrated in the knob
- Reduced overall dimensions

GN 817.5
Type B
Non lock-out
Conical plunger pin
Pin Ø 6/8/10 mm

Additional features:
- Designed for highly accurate positioning by utilizing drill bushings
- Body in blackened steel
- Plunger pin hardened
- 2 strokes per pin Ø
- Lock-out mechanism integrated in the knob
- Reduced overall dimensions

GN 414
GN 414 ... NI
With safety lock
Pin Ø 6/8/10 mm
Metric thread
- Stainless Steel

Additional features:
- The safety lock engages automatically if the plunger pin protrudes, releasing with push button
- Body blackened steel or stainless steel
- Steel plunger pin hardened
- 2 strokes per pin Ø
- Black knob, red push button

GN 414.1
GN 414.1 ... NI
With safety lock
Pin Ø 6/8/10 mm
Metric thread
- Stainless Steel

Additional features:
- The safety lock engages automatically if the plunger pin is retracted, releasing with push button
- Body blackened steel or stainless steel
- Steel plunger pin hardened
- 2 strokes per pin Ø
- Black knob, red push button

GN 816
Type A
Plunger pin protruded in normal position
Lock-out
Operation with knob
Pin Ø 6/8/10 mm
Metric thread

Additional features:
- Plunger pin secured against unintended locking
- Body in zinc plated steel
- Plunger pin in stainless steel
- Type B: operation only possible with special key
GN 816-10 (safety function)
Indexing Plunger Types

Special Functions

GN 816.1

Type A
Plunger pin retracted in normal position
Lock-out
Operation with knob
Pin Ø 6/8 mm
Metric thread

Type B
Plunger pin retracted in normal position
Lock-out
Operation with key
Pin Ø 6/8 mm
Metric thread

Additional features:
- Plunger pin secured against unintended release
- Body in zinc plated steel
- Plunger pin in stainless steel
- Type B: operation only possible with special key
  GN 816.1-10 (safety function)

GN 514

with PUSH-PUSH locking mechanism
Pin Ø 6/8 mm
Metric thread

Additional features:
- The plunger pin is moved by means of a spring-operated cardoid mechanism. This means that the plunger pin is both extended and retracted alone by pressing the operating button
- Body in blackened steel or stainless steel
- Plunger pin in nitrided steel

GN 313 ... ST
GN 313 ... NI

Plunger pin retracted in normal position
Type A
With knob
Pin Ø 5/6/8/10 mm
Metric thread

Additional features:
- The plunger pin does not protrude in the normal position, i.e. remains retracted by a spring
- Body in blackened steel or stainless steel
- Plunger pin in stainless steel

GN 7336.7

Clamping knobs with indexing plunger
Pin Ø 5/6/8 mm
Metric thread

Additional features:
- Knurled knob with integrated spring plunger pin
- Adjusting elements can be positioned and clamped simultaneously
- Body in blackened steel or stainless steel
- Plunger pin in stainless steel

Clamping surface

GN 7336.8

Clamping knobs with indexing plunger
Pin Ø 6/8 mm
Metric thread

Additional features:
- Advanced version of GN 7336.7 with additional safety function.
- The design ensures that the plunger pin cannot be pulled from the indexing bore by turning the knurled knob and releasing it from the thread inside the body, but only by deliberately pulling up fully on the knurled knob. (safety function)
- Body in zinc plated steel
- Plunger pin in nitrided steel

Clamping surface