

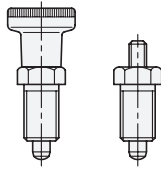
Indexing plungers - Types

Unlocking by pulling the plunger pin

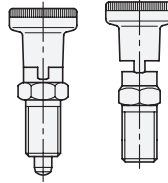


Indexing elements

GN 617
GN 617 ... NI
 see page 744
 without rest position
 Ø 5/6/8/10



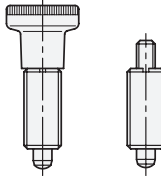
GN 617.1
GN 617.1 ... NI
 see page 746
 with rest position
 Ø 5/6/8/10



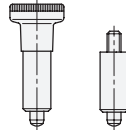
Other features:

- Guide steel, blackened or Stainless Steel
- GN 617 / GN 613 / GN 618 with or without knob
- Stainles Steel version with plastic or Stainless Steel knob
- Sturdy plunger pin: no change in Ø over the entire length
- Plunger pin, steel hardened
- High precision plunger pin guide

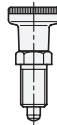
GN 613
GN 613 ... NI
 see page 748
 without rest position
 Ø 5/6/8/10



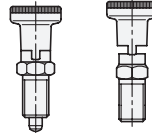
GN 618
 see page 760
 without rest position
 without thread
 weldable steel
 Ø 5/6/8



PMT.100
 see page 750
 without rest position
 SUPER-Technopolymer
 Ø 5/6/8/10



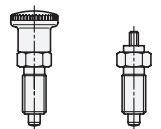
PMT.101
 see page 752
 with rest position
 SUPER-Technopolymer
 Ø 5/6/8/10



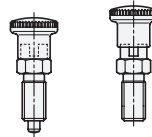
Other features:

- SUPER-technopolymer threaded body
- Lightness and high mechanical strength
- Steel (hardened) or Stainless Steel plunger pin
- Anticorrosive material: suitable even in the presence of liquid or humidity
- Low friction factor to the plunger stroke; no lubricating maintenance is required
- Resistant to several cleaning cycles with solvents and other chemical agents

GN 817
GN 817 ... NI
 see page 754
Type B / G
 without rest position
 Ø 4/5/6/8/
 10/12/16



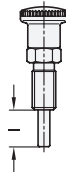
GN 817
GN 817 ... NI
 see page 754
Type C
 with rest position
 Ø 4/5/6/8/
 10/12/16



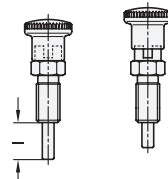
Other features:

- Guide steel, blackened or Stainless Steel
- Type G without knob, Type B/C with black or red knob
- 2 strokes/plunger pin Ø 4/5/6/8
- Plunger pin, steel hardened
- High precision plunger pin guide
- Locking mechanism integrated in the knob
- reduced dimensions

GN 817.8
GN 817.8 ... NI
 see page 756
Type B
 without rest position
 Ø 4/5/6/8/
 10/12/16



GN 817.8
GN 817.8 ... NI
 see page 756
Type C
 with rest position
 Ø 4/5/6/8/
 10/12/16



Other features:

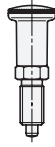
- Designed for plunger pins in special design for small pieces
- All individual parts are delivered as an unassembled set so that the plunger pins can be modified.
- Guide steel, blackened or Stainless Steel
- Plunger pin Stainless Steel
- High precision plunger pin guide
- Locking mechanism integrated in the knob
- reduced dimensions

Indexing plungers - Types

Unlocking by pulling the plunger pin

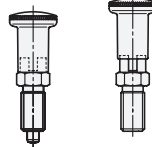
GN 817.2
GN 817.2 ... NI
see page 758

Type B
without rest position
with long
operating knob
Ø 4/5/6/8/10/12



GN 817.2
GN 817.2 ... NI
see page 758

Type C
with rest position
with long
operating knob
Ø 4/5/6/8/10/12

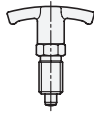


Other features:

- Guide steel, blackened or Stainless Steel
- 2 strokes/Plunger pin-Ø 4/5/6/8
- Plunger pin, steel hardened
- High precision plunger pin guide
- Locking mechanism integrated in the knob
- reduced dimensions

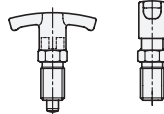
GN 817.4
GN 817.4 ... NI
see page 761

Type B
without rest position
with T-handle
Ø 6/8/10/12



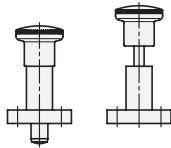
GN 817.4
GN 817.4 ... NI
see page 761

Type C
with rest position
with T-handle
Ø 6/8/10/12

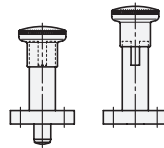


GN 817.1
see page 762

Type B
without rest position
Ø 6/8/10



GN 817.1
see page 762
Type C
with rest position
Ø 6/8/10

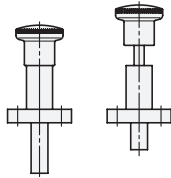


Other features:

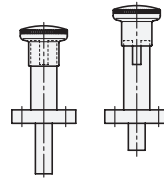
- Guide Zinc die casting, black plastic coated
- Plunger pin Stainless Steel
- with black or red knob
- Locking mechanism integrated in the knob

GN 817.9
see page 763

Type B
without rest position
Ø 7 /8/10
Length: 20/25/30



GN 817.9
see page 763
Type C
with rest position
Ø 7 /8/10
Length: 20/25/30

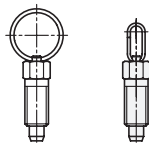


Other features:

- Designed for plunger pins in special design for small pieces
- All individual parts are delivered as an unassembled set so that the plunger pins can be modified.
- Guide zinc die casting, black plastic coated
- Plunger pin Stainless Steel
- Locking mechanism integrated in the knob

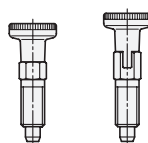
GN 717 ... ST
GN 717 ... NI
see page 764

Type A / D
without rest position
Ø 3/4/5/6/8/10



GN 717 ... ST
GN 717 ... NI
see page 764

Type B
without rest position
Type C
with rest position
Ø 3/4/5/6/8/10

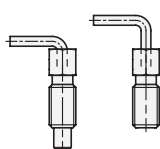


Other features:

- Guide steel, zinc plated or Stainless Steel
- Type A: with lifting ring
- Type D: with wire loop
- Standard or fine thread
- Reduced dimensions
- Reasonably priced versions

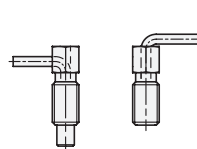
GN 7017 ... ST
GN 7017 ... NI
see page 767

Type B / BK
without rest position
Ø 4/5/6/8/10



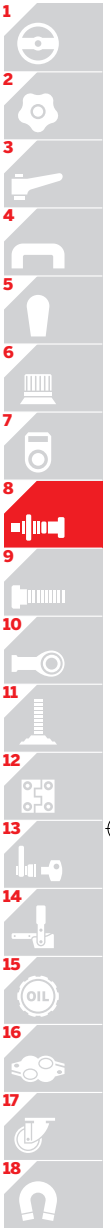
GN 7017 ... ST
GN 7017 ... NI
see page 767

Type C / CK
with rest position
Ø 4/5/6/8/10



Other features:

- Guide steel, zinc plated or Stainless Steel
- with lever
- Reduced dimensions
- Reasonably priced versions



Indexing elements

Indexing plungers - Types

Unlocking by pulling the plunger pin



Indexing elements

GN 413 ... ST
GN 413 ... NI

see page 768

Type A

without rest position
Ø 5/6/8/10



GN 413 ... ST
GN 413 ... NI

see page 768

Type C

with rest position
Ø 5/6/8/10



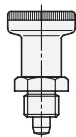
Other features:

- Guide steel, blackened or Stainless Steel
- Standard or fine thread
- Plunger pin Stainless Steel
- Reduced dimensions

GN 607 ... ST
GN 607 ... NI

see page 769

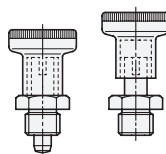
without rest position
Ø 6/8



GN 607.1 ... ST
GN 607.1 ... NI

see page 769

with rest position
Ø 6/8



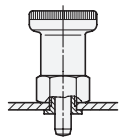
Other features:

- Guide steel, blackened or Stainless Steel
- Plunger pin, steel hardened
- High precision plunger pin guide
- Locking mechanism integrated in the knob

GN 607.2 ... ST
GN 607.2 ... NI

see page 771

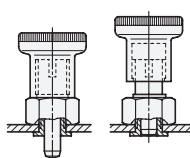
without rest position
Ø 6/8



GN 607.3 ... ST
GN 607.3 ... NI

see page 772

with rest position
Ø 6/8



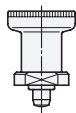
Other features:

- Designed for use in thin walled sheet metal parts
- Guide steel, zinc plated
- Plunger pin Stainless Steel
- Locking mechanism integrated in the knob

GN 607.4 ... ST

see page 773

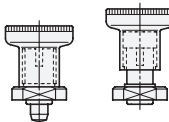
without rest position
Ø 6/8



GN 607.5 ... ST

see page 774

with rest position
Ø 6/8



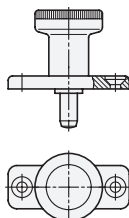
Other features:

- Plunger for welding
- Guide steel, blackened
- Plunger pin steel, hardened
- Locking mechanism integrated in the knob

GN 608
GN 608.5

see page 776

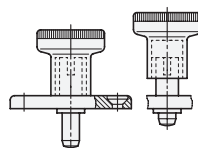
without rest position
Ø 6/8



GN 608.1
GN 608.6

see page 778

with rest position
Ø 6/8



Other features:

- Guide zinc die casting, zinc plated
- GN 608/GN 608.1: Plunger pin steel, hardened
- GN 608.5/GN 608.6: Plunger pin Stainless Steel
- Locking mechanism integrated in the knob

GN 822 ... ST
GN 822 ... NI

see page 780

Type B

without rest position
Ø 4/5/6/7



GN 822 ... ST
GN 822 ... NI

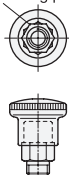
see page 780

Type C

with rest position
Ø 4/5/6/7



6 indexing positions



Other features:

- Smallest dimensions (indexing plungers)
- Thread without recessed stud for fastening to thin walls (sheets)
- Guide steel, zinc plated or Stainless Steel
- Plunger pin Stainless Steel
- Knob plastic
- Covered indexing mechanism

Indexing plungers - Types

Unlocking by pulling the plunger pin

GN 822.1 ... ST
GN 822.1 ... NI

see page 782

Type B

without rest position
with low knob
Ø 4/5/6/7

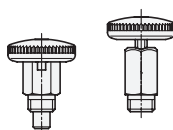


GN 822.1 ... ST
GN 822.1 ... NI

see page 782

Type C

with rest position
with low knob
Ø 4/5/6/7



Other features:

- Smallest dimensions (indexing plungers)
- Thread without recessed stud for fastening to thin walls (sheets)
- Guide steel, zinc plated or Stainless Steel
- Plunger pin Stainless Steel
- Knob plastic
- open indexing mechanism

GN 822.6
GN 822.7

see page 775

Type B / BN

without rest position
Ø 4/5/6/7/8/10



GN 822.6
GN 822.7

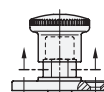
see page 775

Type C / CN

with rest position
Ø 4/5/6/7/8/10



6 indexing positions



Other features:

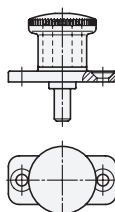
- Smallest dimensions (indexing plungers)
- Guide steel, zinc plated or Stainless Steel
- Stainless Steel version with plastic or Stainless Steel knob
- Plunger pin Stainless Steel
- Standard or fine thread

GN 822.8
GN 822.9

see page 786

Type B / BN

without rest position
Ø 4/5/6/ 8/10



GN 822.8
GN 822.9

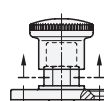
see page 786

Type C / CN

with rest position
Ø 4/5/6/ 8/10



6 indexing positions



Other features:

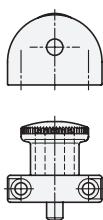
- Reduced dimensions
- Guide zinc die casting, black plastic coated or Stainless Steel (GN 822.9)
- Plunger pin Stainless Steel
- Stainless Steel version (GN 822.9 with plastic or Stainless Steel knob)

GN 412

see page 789

Type B

without rest position
Ø 5/6 /8 /10



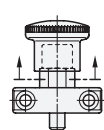
GN 412

see page 789

Type C

with rest position
Ø 5/6/8/10

6 indexing positions



Other features:

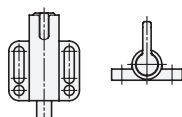
- Short length
- Mounting from the front or rear (female thread)
- Guide zinc die casting, black plastic coated
- Plunger pin Stainless Steel
- Mounting blocks GN 412.1

GN 416

see page 790

Type S

without locking
in normal position
without rest
position
Ø 6 / 8 / 10 / 12

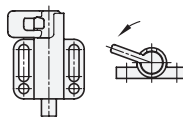


GN 416

see page 790

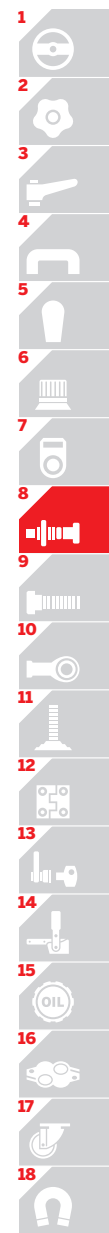
Type L1 / R1

with locking
in normal position
with rest position
Ø 6/8/10/12



Other features:

- Guide zinc die casting, black plastic coated
- Plunger pin steel, zinc plated
- Latch lever plastic
- Operation beyond the plunger axis
- Assembly sets for profile systems
- Type L1/R1: Locking via clockwise or counterclockwise rotation of the latch lever
- Locators GN 416.1

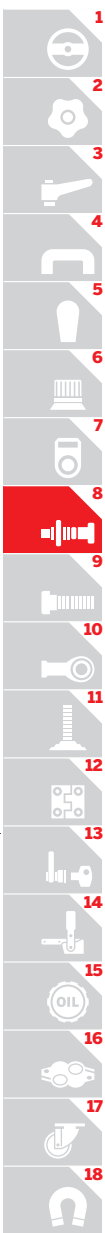


∞

Indexing elements

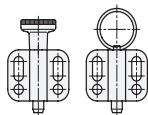
Indexing plungers - Types

Unlocking by pulling the plunger pin

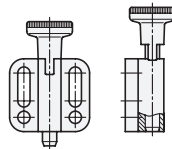


Indexing elements 8

GN 417
see page 792
Type A / B
without rest position
Ø 4/5/6/8/10



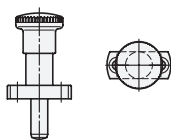
GN 417
see page 792
Type C
with rest position
Ø 4/5/6/8/10



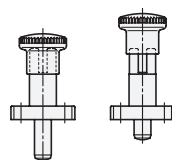
Other features:

- Indexing plungers for welding
- Guide steel, blackened
- Plunger pin steel, hardened
- Locking mechanism integrated in the knob

GN 817.3
see page 795
Type B
without rest position
Plunger pin cylindrical
Ø 6/8/10



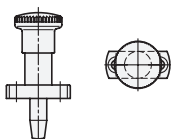
GN 817.3
see page 795
Type C
with rest position
Plunger pin cylindrical
Ø 6/8/10



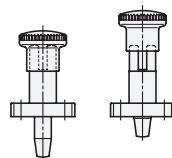
Other features:

- Designed for precision positioning by using positioning bushings
- Guide steel, blackened
- Plunger pin hardened
- Locking mechanism integrated in the knob
- reduced dimensions

GN 817.5
see page 796
Type B
without rest position
Plunger pin conical
Ø 6/8/10



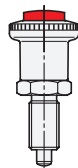
GN 817.5
see page 796
Type C
with rest position
Plunger pin conical
Ø 6/8/10



Other features:

- Designed for precision positioning by using positioning bushings
- Guide steel, blackened
- Plunger pin hardened
- Locking mechanism integrated in the knob
- reduced dimensions

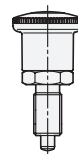
GN 414
GN 414 ... NI
see page 797
with safety lock
Ø 6/8/10



Other features:

- The latching is done automatically in case of a protruding plunger pin and the unlocking using the push-button
- Guide steel, blackened or Stainless Steel
- Plunger pin, steel hardened
- Knob black, push-button red

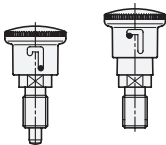
GN 414.1
GN 414.1 ... NI
see page 802
with rest position
Ø 6/8/10



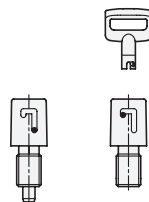
Other features:

- The rest position is achieved automatically in case of a retracted plunger pin and the unlocking using the push-button
- Guide steel, blackened or Stainless Steel
- Plunger pin, steel hardened
- Knob black, push-button red

GN 816
see page 798
Type A
Plunger pin in normal position protruded with rest position
Operation with knob
Ø 6/8/10



GN 816
see page 798
Type B
Plunger pin in normal position protruded with rest position
Operation with key
Ø 6/8/10



Other features:

- Rest position secured against unintended release
- Guide steel, zinc plated
- Plunger pin Stainless Steel AISI 303
- Type B: Operation possible only with special key GN 816-10 (safety function)

Indexing plungers - Types

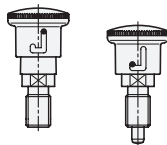
Unlocking by pulling the plunger pin

GN 816.1

see page 800

Type A

Plunger pin in normal position retracted with locking
Operation with knob
Ø 6/8/10

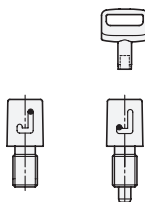


GN 816.1

see page 800

Type B

Plunger pin in normal position retracted with locking
Operation with key
Ø 6/8/10

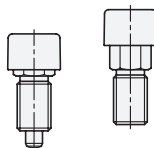


Other features:

- Latch secured against unintended release
- Guide steel, zinc plated
- Plunger pin Stainless Steel AISI 303
- Type B: Operation possible only with special key GN 816.1-10 (safety function)

GN 514

see page 803
with PUSH-PUSH mechanism
Ø 6/8



Other features:

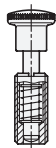
- The plunger pin is moved over a so-called 'heart-curve'. This causes the plunger pin to be extended as well as retracted only by pressing the actuation buttons.
- Guide steel, blackened
- Knob plastic

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

see page 804

Plunger pin in normal position retracted

Type A: with knob
Ø 5/6/8/10



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

see page 804

Plunger pin in normal position retracted

Type D: without knob
Ø 5/6/8/10

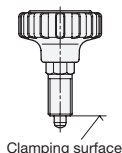


Other features:

- In the normal position (non-actuated), the bolt is not protruding, i.e. it remains retracted by a thrust spring
- Guide steel, blackened or Stainless Steel
- Plunger pin Stainless Steel

GN 7336.7

see page 806
Clamping knobs with plunger pin
Ø 5/6/8



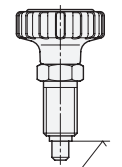
Clamping surface

Other features:

- Knurled screw with "integrated" spring plunger pin. Thus, elements to be adjusted can be positioned and clamped simultaneously
- Guide steel, blackened
- Plunger pin Stainless Steel
- Knurled knob plastic

GN 7336.8

see page 807
Clamping indexing plungers
Ø 6/8



Clamping surface

Other features:

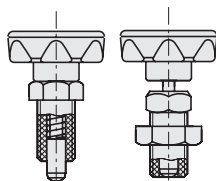
- Application like GN 7336.7 with additional safety function. Knurled screw does not help in clamping, but in positioning. The clamping is done using a plunger pin that is connected to an anti-twist knurled knob.

After releasing the clamping, the plunger pin cannot be retracted (safety feature!), but only after some rotations of the knurled knob

- Guide steel, zinc plated
- Plunger pin steel, nitrided
- Knurled knob plastic

PMT.110

see page 808
Indexing plunger with knob
Ø 8/10



Other features:

- SUPER-technopolymer threaded body. Lightness and high mechanical strength
- Steel (hardened) or Stainless Steel plunger pin
- Anticorrosive material: suitable even in the presence of liquid or humidity

- Low friction factor to the plunger stroke; no lubricating maintenance is required
- Resistant to several cleaning cycles with solvents and other chemical agents



Indexing elements