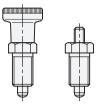
Range



GN 617 GN 617 ... NI

Indexing plungers without rest position

→ Page XYZ



Ø Plunger / Stroke Ø 5 / 5 ... Ø 10 / 10

Dimensions / Assembly M 10 x 1 ... M 20 x 1.5

Material / Finish

- Steel version: Body blackened. Plunger hardened
- Version NI: Stainless Steel AISI 303 Plunger chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance GN 617: H7 / GN 617 ... NI: H8

The plastic or Stainless Steel knob is not removable.

The Plunger is very stable, it features the identical diameter over the whole length. So it counters the risk of breakage

The type with threaded rod is for applications where a special knob is required or the operation of the indexing plunger is not carried out manually.

With the use of distance bushes GN 609 / GN 609.5 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

GN 613 GN 613 ... NI

Indexing plungers without rest position → Page XYZ



Ø Plunger / Stroke Ø 5 / 5 ... Ø 10 / 10

Dimensions / Assembly M 10 x 1 ... M 20 x 1,5

Material / Finish

- Steel version: Body blackened, Plunger hardened
- Version NI: Stainless Steel AISI 303 Plunger chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance GN 613: H7 / GN 613 ... NI: H8

The plastic or Stainless Steel knob is not removable.

The Plunger is very stable, it features the identical diameter over the whole length. So it counters the risk of breakage at the knob.

This version corresponds to GN 617, but without the hexagon collar.

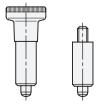
The type with threaded rod is for applications where a special knob is required or the operation of the indexing plunger is not carried out manually.

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

GN 618

Indexing plungers without rest position

→ Page XYZ



Ø Plunger / Stroke Ø5/5...Ø8/8

Dimensions / Assembly Ø 12 h9 ... Ø 18 h9

Material / Finish

 Steel weldable. Body blackened, Plunger hardened

Other features

Plunger tolerance: -0,02 / -0,04 Bore tolerance: G7

The plastic knob is not removable.

This version corresponds to GN 613 (with thread). They are required where the installation is done by welding, glueing or clamping.

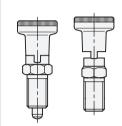
The type with threaded rod is for applications where a special knob is required or the operation of the indexing plunger is not carried out manually.

Range



GN 617.1 GN 617.1 ... NI

Indexing plungers with rest position → Page XYZ



Ø Plunger / Stroke Ø 5 / 5 ... Ø 10 / 10

Dimensions / Assembly M10 x 1 ... M 20 x 1.5

Material / Finish

- Steel version: Body blackened, Plunger hardened
- Version NI: Stainless Steel AISI 303 Plunger chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance GN 617.1: H7 / GN 617.1 ... NI: H8

The Plastic or Stainless Steel knob is not removable.

The Plunger is very stable, it features the identical diameter over the whole length. So it counters the risk of breakage at the knob.

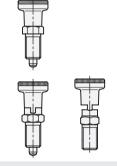
The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°.

With the use of distance bushes GN 609 / GN 609.5 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

GN 617.2 ... ST GN 617.2 ... NI

Indexing plungers with and without rest position → Page XYZ



Ø Plunger / Stroke Ø 5 / 5 ... Ø 10 / 10

Dimensions / Assembly M 10 x 1 ... M 20 x 1,5

Material / Finish

- Body plastic Plunger ST,
 Steel hardened
- Body plastic Plunger NI, Stainless Steel AISI 303

Other features

Plunger tolerance: -0,10 / -0,15 Bore tolerance: 0 / -0,08

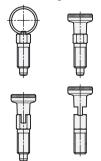
The body and the lock nut of indexing plungers GN 617.2 is made of high-tensile plastic. The dimensions correspond to GN 617 / GN 617.1.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°.

With the use of distance bushes GN 609 / GN 609.5 \rightarrow Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

GN 717 ... ST GN 717 ... NI

Indexing plungers with and without rest position → Page XYZ



Ø Plunger / Stroke Ø 3 / 3,5 ... Ø 8 / 8

Dimensions / Assembly M 6 x ... M 12 M 6 x 0,75 ... M 16 x 1,5

Material / Finish

- Steel version ST:
 Body zinc plated,
 Plunger
 Stainless Steel AISI 303
- Version NI:
 Body and Plunger
 Stainless Steel AISI 303

Other features

Plunger tolerance: 0 / -0,05 Bore tolerance: +0,03 / +0,08

Indexing plungers GN 717 are known for its small dimensions and reasonably priced. They are available with standard or fine thread.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°.

With the use of distance bushes GN 609 / GN 609.5 \Rightarrow Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

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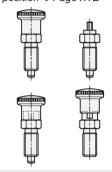
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Range



GN 817 GN 817 ... NI

Indexing plungers with and without rest position → Page XYZ



Ø Plunger / Stroke Ø 4 / 4 ... Ø 12 / 15

Dimensions / Assembly M 8 x 1 ... M 20 x 1.5

Material / Finish

- Steel version: Body blackened. Plunger hardened
- Version NI: Stainless Steel AISI 303, Plunger chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance GN 817: H7 / GN 817 ... NI: H8

Indexing plungers GN 817 are a further development based on GN 617 and GN 617.1: • two strokes / plunger-Ø considerably reduced dimensions for the types with rest position and for plunger-Ø 10 • Locking mechanism integrated in the knob (DBP).

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°. The type with threaded rod is for applications where a special knob is required or the operation of the indexing plunger is not carried out manually.

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

GN 817.2 GN 817.2 ... NI

Indexing plungers with and without rest position

→ Page XYZ



Ø Plunger / Stroke Ø 4 / 4 ... Ø 12 / 15

Dimensions / Assembly M 8 x 1 ... M 20 x 1,5

Material / Finish

- Steel version: Body blackened, Plunger hardened
- Version NI: Stainless Steel AISI 303, Plunger chemically nickel plated

Other features

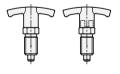
Plunger tolerance: -0,02 / -0,04 Bore tolerance GN 817.2: H7 / GN 817.2 ... NI: H8

Indexing plungers GN 817.2 correspond to GN 817, but they have a longer knob.

GN 817 4 GN 817.4 ... NI

Indexing plungers with and without rest position

→ Page XYZ



Ø Plunger / Stroke Ø 4 / 4 ... Ø 12 / 15

Dimensions / Assembly M 8 x 1 ... M 20 x 1.5

Material / Finish

- Steel version: Body blackened. Plunger hardened
- Version NI: Stainless Steel AISI 303, Plunger chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04 Bore tolerance GN 817.4: H7 / GN 817.4 ... NI: H8

Indexing plungers GN 817.4 correspond to GN 817. Instead of the round knob they have a T-handle (plastic).

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

Range



GN 817 3

Indexing plungers with and without rest position

→ Page XYZ



Ø Plunger / Stroke

Ø 8 / 10 and Ø 10 / 12

Dimensions / Assembly Socket head cap screw M 5

Material / Finish

 Steel Body blackened Plunger hardened

Other features

Plunger tolerance: h7

Bore tolerance of Positioning bushings: F7

The Plastic knob is not removable.

Indexing plungers GN 817.3 have been designed to achive precision indexing with the help of positioning bushings DIN 179 → Page xx.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°.

Indexing plungers GN 817.3 with rest position have the thrust spring and locking mechanism integrated in the knob. For this reason a perfect operation is always guaranteed.

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

Indexing plungers without rest position → Page XYZ



Ø Plunger / Stroke Ø 6 / 6 and Ø 8 / 8

Dimensions / Assembly M 12 x 1,5 and M 16 x 1,5

Material / Finish

- Steel version ST: Body blackened, Plunger hardened
- Version NI: Stainless Steel AISI 303, Plunger chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance: H7

The Plastic knob is not removable.

The thrust spring of the indexing plunger GN 607 is integrated with the knob which has led to a reduced overall height.

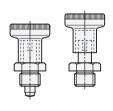
With the use of distance bushes GN 609 / GN 609.5 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

A reasonably priced alternative to indexing plungers GN 607 are mini indexing plungers GN 822.6 / GN 822.7 → Page XYZ.

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

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

Indexing plungers with rest position → Page XYZ



Ø Plunger / Stroke \emptyset 6 / 6 and \emptyset 8 / 8

Dimensions / Assembly M 12 x 1,5 and M 16 x 1,5

Material / Finish

- Steel version ST: Body blackened. Plunger hardened
- Version NI: Stainless Steel AISI 303, Plunger chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04 Bore tolerance: H7

The Plastic knob is not removable.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°.

The thrust spring and locking mechanism of the indexing plunger GN 607.1 are integrated with the knob. For this reason a perfect operation is always guaranteed. This also leads to a reduced overall height.

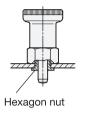
With the use of distance bushes GN 609 / GN 609.5 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Range



GN 607.2

Indexing plungers without rest position → Page XYZ



Ø Plunger / Stroke Ø 6 / 6 and Ø 8 / 7,5

Dimensions / Assembly Ø 10 and Ø 12

These are the bore-Ø to fit the indexing plungers, they are locked with the hexagon nut.

Material / Finish

 Steel Body zinc plated, Plunger Stainless Steel AISI 303 chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance: G7

The Plastic knob is not removable.

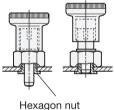
Indexing plungers GN 607.2 have been designed for use in thin walled sheet metal parts.

Due to their design, the accuracy of positioning them is lower than with GN 607.

The thrust spring of GN 607.2 is integrated with the knob which has led to a reduced overall height.

GN 607.3

Indexing plungers with rest position → Page XYZ



Ø Plunger / Stroke Ø 6 / 6 and Ø 8 / 7,5

Dimensions / Assembly

Ø 10 and Ø 12 These are the bore-Ø to fit the indexing plungers. they are locked with the hexagon nut.

Material / Finish

 Steel Body zinc plated, Plunger Stainless Steel AISI 303 chemically nickel plated

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance: G7

The Plastic knob is not removable.

Indexing plungers GN 607.3 have been designed for use in thin walled sheet metal parts. Due to their design, the accuracy of positioning them is lower than with GN 607.1.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°. The thrust spring and locking mechanism of the indexing plunger GN 607.3 are integrated with the knob. For this reason a perfect operation is always guaranteed. This also leads to a reduced overall height.

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

GN 607.4

Indexing plungers for welding without rest position → Page XYZ





Ø Plunger / Stroke \emptyset 6 / 6 and \emptyset 8 / 8

Dimensions / Assembly for welding

Material / Finish

 Steel weldable Body blackened Plunger hardened

Other features

Plunger tolerance: -0,02 / -0,04 Bore tolerance: +0,05 / +0,15

The plastic knob is driven on after the welding process and not removable.

The thrust spring of the indexing plunger GN 607.4 is integrated with the knob which has led to a reduced overall height.

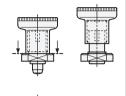
Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

Range



GN 607.5

Indexing plungers for welding with rest position → Page XYZ



Ø Plunger / Stroke Ø 6 / 6 and Ø 8 / 8

Dimensions / Assembly for welding

Material / Finish

 Steel weldable Body blackened Plunger hardened

Other features

Plunger tolerance: -0,02 / -0,04 Bore tolerance: +0,05 / +0,15

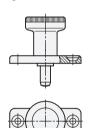
The plastic knob is driven on **after** the welding process and not removable.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°.

The thrust spring and locking mechanism of the indexing plunger GN 607.5 are integrated with the knob. For this reason a perfect operation is always guaranteed. This also leads to a reduced overall height.

GN 608 GN 608.5

Indexing plungers without rest position → Page XYZ



Ø Plunger / Stroke Ø 6 / 6 and Ø 8 / 8

Dimensions / Assembly Countersunk screws M 4 and M 5

Material / Finish

- Body Zinc die casting zinc plated
- GN 608: Plunger Steel hardened
- GN 608.5: Plunger Stainless Steel AISI 303

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance: H7

The plastic knob is not removable.

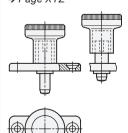
Worth mentioning about these indexing plungers GN 608 is the mounting with two countersunk screws.

The thrust spring of the indexing plunger GN 608 is integrated with the knob which has led to a reduced overall height.

A reasonably priced alternative to indexing plungers GN 608 / GN 608.5 are mini indexing plungers GN 822.6 / GN 822.7 \Rightarrow Page XYZ.

GN 608.1 GN 608.6

Indexing plungers with rest position → Page XYZ



Ø Plunger / Stroke Ø 6 / 6 and Ø 8 / 8

Dimensions / AssemblyCountersunk screws

M 4 and M 5

Material / Finish
• Body Zinc die casting

- zinc plated
 GN 608.1:
- Plunger Steel hardened
- GN 608.6: Plunger Stainless Steel AISI 303

Other features

Plunger tolerance: -0,02 / -0,04 Bore tolerance: H7

The plastic knob is not removable.

Worth mentioning about these indexing plungers GN 608.1 is the mounting with two countersunk screws.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°. The thrust spring and locking mechanism of the indexing plunger GN 608.1 are integrated with the knob. For this reason a perfect operation is always guaranteed. This also leads to a reduced overall height.

A reasonably priced alternative to GN 608.1 / GN 608.6 are mini indexing plungers GN 822.6 / GN 822.7 \rightarrow Page XYZ.

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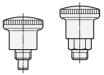
Range



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

Mini indexing plungers with and without rest position Covered indexing mechanism

→ Page XYZ



Ø Plunger / Stroke Ø4/5...Ø7/7

Dimensions / Assembly M 8 x 0.75 ... M 10 x 1

Material / Finish

- Steel version ST: Body zinc plated. Plunger Stainless Steel AISI 303
- Version NI: Body and Plunger Stainless Steel AISI 303

Other features

Plunger tolerance: -0,06 Bore tolerance: +0,05 / +0,1

The plastic knob is not removable.

Mini indexing plungers GN 822 are known for its small dimensions.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 30°.

The overall height of the version with rest position is identical to the height of the version without rest position.

Distance bushes GN 609 / GN 609.5 → Page XYZ

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

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

Mini indexing plungers with and without rest position, open indexing mechanism



Ø Plunger / Stroke Ø4/5...Ø7/7

Dimensions / Assembly M8 x 0,75 ... M 10 x 1

Material / Finish

- Steel version ST: Body zinc plated, Plunger Stainless Steel AISI 303
- Stainless Steel version NI: Body and Plunger Stainless Steel German Material AISI 303

Other features

Plunger tolerance: -0,02 / -0,04 Bore tolerance: +0.05 / +0.1

The plastic knob is not removable.

Mini indexing plungers GN 822.1 are known for its small dimensions.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 30°.

The overall height of the version with rest position is identical to the height of the version without rest position.

Distance bushes GN 609 / GN 609.5 → Page XYZ

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

GN 822.6 GN 822.7

Mini indexing plungers with and without rest position Covered indexing mechanism

→ Page XYZ



Ø Plunger / Stroke Ø 4 / 5 ... Ø 10 / 10

Dimensions / Assemby

M 8 x ... M 16 M 8 x 1 ... M 16 x 1,5

Werkstoff / Oberfläche

• GN 822.6:

Body steel zinc plated, Plunger Stainless Steel AISI 303

• GN 822.7: Body and Plunger Stainless Steel German Material AISI 303

Other features

Plunger tolerance: h9 Bore tolerance: +0,03 / +0,08

The plastic knob is not removable.

Mini indexing plungers GN 822.6 / GN 822.7 are known for its small dimensions.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 30°.

The overall height of the version with rest position is identical to the height of the version without rest position.

Distance bushes GN 609 / GN 609.5 → Page XYZ

Flat hexagonal nuts GN 909 / GN 909.5 → Page XYZ

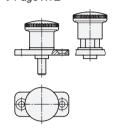
Range



GN 822.8

Mini indexing plungers with and without rest position Covered indexing mechanism

→ Page XYZ



Ø Plunger / Stroke

Ø 4 / 5 und Ø 10 / 10

Dimensions / Assembly Socket head cap screws M 4 and M 5

Material / Finish

- Body Zinc die casting, corrosion-resistant via nano®-coating
- Plunger Stainless Steel AISI 303

Other features

Plunger tolerance: h9

Bore tolerance: +0,03 / +0,08

The plastic knob is not removable.

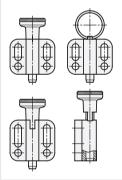
Mini indexing plungers GN 822.8 are known for its small dimensions.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 30°.

The overall height of the version with rest position is identical to the height of the version without rest position.

GN 417

Indexing plungers with and without rest position → Page XYZ



Ø Plunger / Stroke Ø4/4...Ø8/8

Dimensions / Assembly Socket head cap screws M 3. M 4. M 5

Material / Finish

- Body Zinc die castina. plastic coated black
- Plunger Stainless Steel AISI 303

Other features

Plunger tolerance: h9 Bore tolerance: +0,03 / +0,08

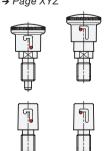
The plastic knob is not removable.

The screwing range is chosen in such a way that washers ISO 7092 can be used.

The type with rest position is used when the plunger has to stay in its retracted position. To activate this, the knob is retracted and rotated by 90°.

GN 816

Locking plungers Plunger in standard position protruded → Page XYZ



Ø Plunger / Stroke \emptyset 6 / 8 and \emptyset 8 / 10

Dimensions / Assembly M 12 x 1,5 and M 16 x 1,5

Material / Finish

- Body
- Steel zinc plated,
- Plunger Stainless Steel AISI 303



Other features

Plunger tolerance: 0 / -0,05 Bore tolerance: -0,03 / +0,05

The Plastic knob is not removable.

Locking plungers GN 816 feature the following safety functions:

- In indexing position they are secured against accidental operation (rotating).
- In the version with key a special key is required to move the plunger.

With the use of distance bushes GN 609 / GN 609.5 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Flat hexagonal nuts GN 909 → Page XYZ

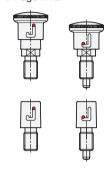
Range



GN 816.1

Locking plungers Plunger in standard position retracted

→ Page XYZ



Ø Plunger / Stroke Ø 6 / 8 and Ø 8 / 10

Dimensions / Assembly M 12 x 1.5 and M 16 x 1.5

Material / Finish

- Body Steel, zinc plated
- Plunger Stainless Steel AISI 303



Other features

Plunger tolerance: 0 / -0,05 Bore tolerance: -0,03 / +0,05

The Plastic knob is not removable.

Locking plungers GN 816.1 feature the following safety functions:

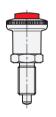
- In indexing position they are secured against accidental operation (rotating).
- In the version with key a special key is required to move the plunger.

With the use of distance bushes GN 609 / GN 609.5 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Flat hexagonal nuts GN 909 → Page XYZ

GN 414

Safety indexing plungers → Page XYZ



Ø Plunger / Stroke Ø 6 / 6 ... Ø 10 / 12

Dimensions / Assembly M 12 x 1,5 and M 16 x 1,5

Material / Finish

 Steel Body blackened, Plunger hardened

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance: H7

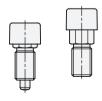
Safety indexing plungers GN 414 are secured against accidental operation of the plunger. It is locked in one or both end positions and can be unlocked only with the red safety push button.

With the use of distance bushes GN 609 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Flat hexagonal nuts GN 909 → Page XYZ

GN 514

Locking plungers with PUSH - PUSH locking mechanism → Page XYZ



Ø Plunger / Stroke \emptyset 6 / 6 and \emptyset 8 / 8

Dimensions / Assembly M 12 x 1,5 and M 16 x 1,5

Material / Finish

 Steel nitrided. blackened

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance: H7

The indexing pin in the locking plungers GN 514 is moved via a so-called cardioid mechanism. This mechanism means that the indexing pin is both extended and retracted alone by pressing the operating button

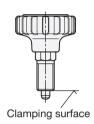
With the use of distance bushes GN 609 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Flat hexagonal nuts GN 909 → Page XYZ

GN 7336.7

Clamping knobs with indexing plunger

→ Page XYZ



Ø Plunger / Stroke

Ø5/5...Ø8/8

Dimensions / Assembly M 10 x 1 ... M 16 x 1.5

Material / Finish

- Body Steel, zinc plated
- Plunger Stainless Steel AISI 303

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance: G7

Knurled knob Plastic.

Clamping knobs with indexing plunger GN 7336.7 are used for positioning, securing and clamping adjusting elements at the same time.

GN 7336.8

Clamping indexing plungers → Page XYZ



Ø Plunger / Stroke Ø 6 / 9 and Ø 8 / 9

Dimensions / Assembly M 16 x 1,5

Material / Finish

- Body Steel, zinc plated
- Plunger Stainless Steel AISI 303

Other features

Plunger tolerance: -0,02 / -0,04

Bore tolerance: G7

Knurled knob Plastic.

Clamping indexing GN 7336.8 plungers are an advanced development of the GN 7336.7 clamping knobs with indexing plunger. They are used for positioning, securing and clamping adjusting elements at the same time.

This configuration ensures that the indexing pin cannot be pulled from the indexing bore by turning the knurled knob, but only be deliberately pulling the handle (safety function).

With the use of distance bushes GN 609 → Page XYZ the length of the protruding plunger can be adjusted to the thread length required.

Flat hexagonal nuts GN 909 → Page XYZ