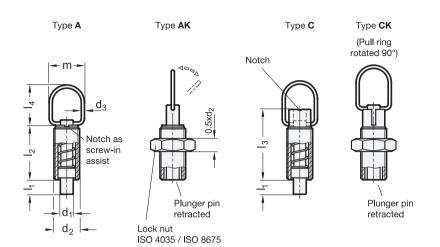


3.1







Type

Non lock-out, without lock nut AK Non lock-out, with lock nut

C Lock-out, without lock nut

CK Lock-out, with lock nut

## Metric table

| <b>U</b>   | 2     |            |                |                        |                |                |                | Dim               | ensions in: mill | imeters - <i>inche</i> s |
|--|-------|------------|----------------|------------------------|----------------|----------------|----------------|-------------------|------------------|--------------------------|
| <b>d</b> <sub>1</sub><br>Pin <sup>0</sup> <sub>-0.15</sub> | $d_2$ |            | d <sub>3</sub> | I <sub>1</sub><br>min. | l <sub>2</sub> | l <sub>3</sub> | I <sub>4</sub> | m                 | Spring load ≈    |                          |
| Bore H7  |       |            |                |                        |                |                |                |                   | Initial          | End                      |
| 5<br>0.20  | M 10  | M 10 x 1   | 1.5<br>0.06    | 5<br>0.20              | 22<br>0.87     | 28<br>1.10     | 23<br>0.91     | 18<br><i>0.71</i> | 5 N<br>1.12 lbf  | 15 N<br>3.37 lbf         |
| 6<br>0.24  | M 12  | M 12 x 1.5 | 2<br>0.08      | 6<br>0.24              | 24<br>0.94     | 31<br>1.22     | 25<br>0.98     | 22<br>0.87        | 6 N<br>1.35 lbf  | 21 N<br>4.72 lbf         |
| 8<br>0.31  | M 16  | M 16 x 1.5 | 2<br>0.08      | 9<br>0.35              | 34<br>1.34     | 44<br>1.73     | 25<br>0.98     | 22<br>0.87        | 7 N<br>1.57 lbf  | 27 N<br>6.07 lbf         |
| 10   | M 16  | M 16 x 1.5 | 2              | 9                      | 34<br>1.34     | 1.73           | 25             | 22                | 7 N<br>1.57 lbf  | 27 N<br>6.07 lbf         |

| Specification  | 4        |  |
|--|----------|--|
| <ul><li>Threaded body</li><li>Steel, blackened finish</li><li>Stainless steel AISI 303</li></ul> | ST<br>NI |  |
| Plunger pin Stainless steel AISI 303 Chemically nickel plated                                    |          |  |

- Spring Stainless steel AISI 301
- Pull ring Stainless steel AISI 301

· Lock nut

- DIN 439 B / ISO 4035 / ISO 8675 - Steel, blackened finish
- Stainless steel (A2)
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Stainless Steel Characteristics → page 2143
- RoHS compliant

## Information

GN 413 indexing plungers, due to its shape, the pull ring can be used both as a screw-in aid during assembly, and to retract the plunger pin for positioning or locking the pin in the retracted position (Type C / CK).

Lock-out types C / CK are used for applications where the plunger pin needs to stay in its retracted position. To achieve this, the pull ring is rotated by 90 degrees after being retracted. A notch keeps the plunger in the retracted position.

## see also...

• List of Indexing Plunger Types → page 915

| How to order       | 1 Pin diameter d <sub>1</sub> |
|--------------------|-------------------------------|
|                    | 2 Thread d <sub>2</sub>       |
| 1 2 3 4            | 3 Type                        |
| GN 413-8-M16-CK-ST | 4 Material                    |

