



SS Stainless Steel

**2 Type**

- KV** With ball lever, angular (serrations)
- GV** With ball lever, straight (serrations)
- SK** With hexagon

**3 Clamping direction**

- R** By clockwise rotation (drawn version)
- L** By counter-clockwise rotation

**Metric table**



Dimensions in: millimeters - inches

| d <sub>1</sub> -0.5 | d <sub>2</sub> Thread | d <sub>3</sub> | d <sub>4</sub> | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | h <sub>4</sub> ≈ | h <sub>5</sub> | l <sub>1</sub> | l <sub>2</sub> ≈ | A/F       |
|---------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|------------------|-----------|
| 40<br>1.57          | M 8                   | 24<br>.94      | 25<br>.98      | 10<br>.39      | 31<br>1.22     | 21<br>.83      | 55<br>2.17       | 31<br>1.22     | 8<br>.31       | 100<br>3.94      | 15<br>.59 |
| 50<br>1.97          | M 10                  | 28<br>1.10     | 30<br>1.18     | 12<br>.47      | 34.5<br>1.36   | 24<br>.94      | 62<br>2.44       | 36<br>1.42     | 11<br>.43      | 116<br>4.57      | 19<br>.75 |

**Specification**

- **GN 918.2**  
Lever body  
Steel  
- Eccentric cam and washer  
Case hardened  
- Hexagon threaded bolt  
Nitrided to surface, tensile strength class 8.8  
- Ball lever  
Blackened finish
- **GN 918.6**  
Lever body  
Stainless steel  
- Eccentric cam  
European Standard No. 1.4305 (AISI 303)  
Chemically nickel plated  
- Hexagon threaded bolt and washer  
European Standard No. 1.4542 (AISI 630)  
Tempered  
- Ball lever  
European Standard No. 1.4305 (AISI 303)  
Matte shot-blasted finish

This information applies to both series:

- Ball knob DIN 319  
Plastic  
Duroplast (Phenolic PF)  
Black, shiny finish

• RoHS compliant

**Information**

GN 918.2 / GN 918.7 top clamping cam units come with a rotating helix. They allow rapid and safe clamping and releasing with a relatively long movement and high clamping force.

The ball levers of types KV and GV feature a form-locking connection with the eccentric cam by means of a serrated ratchet. During installation, this allows the lever to be fixed in a clamped position that is conveniently oriented with respect to the eccentric cam.

Bolt and washer are matched to allow an effortless release from the clamped position. The clamping bolt can also be used with T-slot nuts on machine beds.

Top clamping cam units offer the advantage that they can be rotated away from the clamping area after release.

Top clamping cam units can also be used as stepless adjustable end stops. If the washer is removed, the bolt can be clamped direct to its support. Spherical clamping bolts with flat faced ball GN 605 socket set screws are recommended for use with these clamping bolts → see page XYZ

see also...

- *Technical Instructions*
- *Bottom Clamping Cam Units GN 918.1 (Steel)*
- *Bottom Clamping Cam Units GN 918.6 (Stainless Steel)*

|   |   |                         |
|---|---|-------------------------|
| <p>How to order (Steel)</p> <p><b>GN918.2-50-SK-R</b></p> | 1 | Diameter d <sub>1</sub> |
|   | 2 | Type                    |
|   | 3 | Clamping direction      |

|   |   |                         |
|---|---|-------------------------|
| <p>How to order (Stainless steel)</p> <p><b>GN918.7-40-GV-L</b></p> | 1 | Diameter d <sub>1</sub> |
|   | 2 | Type                    |
|   | 3 | Clamping direction      |

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4