



SS Stainless Steel

2 Type

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

3 Clamping direction

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

Metric table

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Dimensions in: millimeters - inches

d ₁ -0.5	d ₂	d ₃	h ₁	h ₂	h ₃	h ₄ ≈	h ₅	l ₁	l ₂ ≈	A/F
40 1.57	M 8	25 0.98	10 0.39	31 1.22	21.5 0.85	55 2.17	31 1.22	8 0.31	100 3.94	15 0.59
50 1.97	M 10	30 1.18	12 0.47	35 1.38	24.5 0.96	62 2.44	36 1.42	11 0.43	116 4.57	19 0.75

Specification

- **GN 918**
Steel
 - Eccentric cam and thrust washer
Case-hardened
 - Hex threaded bolt
Nitrided to surface, property class 8.8
 - Lever body
Blackened finish
- **GN 918.5**
Lever body
Stainless steel
 - Eccentric cam
AISI 303
Chemically nickel plated
 - Hexagon threaded bolt and thrust washer
AISI 630
Tempered
 - Ball lever
AISI 303
Matte shot-blasted finish
- Ball knob DIN 319
Plastic, Phenolic (PF)
Black, shiny finish
- *Strength Values of Screws* → page 2127
- *Plastic Characteristics* → page QVX
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

Eccentric cam units GN 918 / GN 918.5 allow the rapid and secure clamping and releasing at a relatively large clamping range and with high clamping force. The cam offers the advantage that the clamping force remains constant in every angular position and is self-locking at the same time.

The ball levers of types KV and GV feature a form-locking connection with the eccentric cam by means of a serrated ratchet. During assembly, the position of the lever can thus be fixed in a position that is favorable for clamping.

The use of the thrust washer eliminates the need for special requirements on the execution of the threaded hole, so that it can also be mounted on tables with T-slots, for example.

see also...

- *Technical Instructions* → page 735
- *Double Cam Levers GN 917* → page 738
- *Clamping Cam Units GN 918.2* → page 737
- *Hubs with Eccentric Cam GN 919* → www.jwwinco.com
- *Eccentric Cam Units GN 918 / GN 918.5 (Screw from the Operator's Side)* → page XYZ
- *Eccentric Cam Units GN 918 / GN 918.5 (Screw from the Back)* → page XYZ

<p>How to order (Steel)</p> <p>GN918-40-SK-L</p>	<p>1 Diameter d₁</p> <p>2 Type</p> <p>3 Clamping direction</p>
<p>How to order (Stainless steel)</p> <p>GN918.5-50-KV-R</p>	<p>1 Diameter d₁</p> <p>2 Type</p> <p>3 Clamping direction</p>