



2 Type

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

3 Clamping direction

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

d ₁ -0,5	d ₂	d ₃	d ₅	h ₁	h ₂	h ₃	h ₄ ≈	h ₅	l ₁	l ₂ ≈	A/F
40	M 8	25	24	10	31	21,5	55	31	8	100	15
50	M 10	30	28	12	35	24,5	62	36	11	116	19

Specification

- GN 918.1**
Steel
 - Clamping bolt and thrust washer
Case-hardened
 - Threaded bolt nitrided
Property class 8.8
 - Lever
Blackened
- GN 918.6**
Stainless steel
 - Clamping bolt
AISI 303, chemically nickel plated
 - Threaded bolt and thrust washer
AISI 630, tempered
 - Lever
AISI 303, matte shot-blasted
- Ball knob DIN 319
Plastic, Duroplast
Black, shiny finish
- Strength Values of Screws → Page 2152
- Plastic Characteristics → Page 2158
- Stainless Steel Characteristics → Page 2166
- RoHS

Information

Clamping bolts GN 918.1 / GN 918.6 have a circumferential wedge surface. They allow for rapid and secure clamping and releasing with a relatively large clamping range and with high clamping force. Owing to the small pitch angle (wedge angle), the clamping bolt is self-locking.

The ball levers of types KV and GV form a positive connection with the clamping bolt by means of a serration. During assembly, the lever can thus be fixed in a position favorable for clamping or, in the relaxed position, rotated out of the clamping range.

Use of the thrust washer eliminates the need for special requirements on the design of the threaded hole, which allows, for example, mounting to tables with T-slots.

see also...

- Technical Instructions → Page 669
- Clamping Bolts GN 918.1 / GN 918.6 (Screw from the Operator's Side)
→ Page XYZ
- Clamping Bolts GN 918.1 / GN 918.6 (Screw from the Back)
→ Page XYZ

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How to order (Stainless steel)	1 d ₁
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