



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



Dimensions in: millimeters - inches

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 1.57	M 8	25 0.98	24 0.94	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	28 1.10	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 918.2**
Steel
 - Clamping bolt and thrust washer
Case-hardened
 - Hex threaded bolt
Nitrided to surface, property class 8.8
 - Lever body
Blackened finish
- **GN 918.7**
Stainless steel
 - Clamping bolt
AISI 303
Chemically nickel plated
 - Hex threaded bolt and thrust washer
AISI 630
Tempered
 - Lever body
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

Clamping cam units GN 918.2 / GN 918.7 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 eccentric cam 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 on tables with T-slots.

see also...

- *Technical Instructions* → page 735
- *Clamping Cam Units GN 918.2 / GN 918.7 (Screw from the Operator's Side)* → page XYZ
- *Clamping Cam Units GN 918.2 / GN 918.7 (Screw from the Back)* → page XYZ

How to order (Steel)	1 Diameter d ₁
GN918.2-50-SK-R	2 Type
	3 Clamping direction

How to order (Stainless steel)	1 Diameter d ₁
GN918.7-40-GV-L	2 Type
	3 Clamping direction

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4