



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

1

d ₁ -0.5	d ₂ Thread	d ₃	d ₄	d ₅	d ₆	h ₁	h ₂	h ₃	h ₄ ≈	h ₅	l ₁	l ₂ ≈	A/F
40 1.57	M 8	24 .94	25 .98	10 .39	20 .79	10 .39	31 1.22	21 .83	55 2.17	31 1.22	8 .31	100 3.94	15 .59
50 1.97	M 10	28 1.10	30 1.18	12 .47	24 .94	12 .47	34.5 1.36	24 .94	62 2.44	36 1.42	11 .43	116 4.57	19 .75

Dimensions in: millimeters - inches

Specification

- **GN 918**
Lever body
Steel
 - Eccentric cam and washer
Case hardened
 - Hexagon threaded bolt
Nitrided to surface, tensile strength class 8.8
 - Ball lever (Type KV / Type GV)
Blackened finish
- **GN 918.5**
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
Black, shiny finish
- RoHS compliant

Information

GN 918 / GN 918.5 eccentric cam units with a relatively long movement and high clamping force give rapid and safe clamping and release. The cam offers the advantage of the clamping force acting over the entire clamping area (i.e., it maintains the clamping force in all angular positions).

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.

The ball lever is linked to the eccentric cam via a serrated ratchet which allows the positioning of the lever in a preferred position. The eccentric cam can also be used with T-slot nuts on machine beds.

Eccentric cam units can also be used as stepless adjustable end stops. If the washer is removed, the eccentric cam can be clamped direct to its support.

see also...

- *Technical Instructions*
- *Double Cam Levers GN 917*
- *Top Clamping Cam Units GN 918.2*
- *Hubs with Eccentric Cam GN 919*

How to order (Steel)	1 Diameter d ₁
GN918-50-KV-L	2 Type
	3 Clamping direction

How to order (Stainless Steel)	1 Diameter d ₁
GN918.5-50-SK-R	2 Type
	3 Clamping direction

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4