


Metric



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

1

Dimensions in: millimeters - inches

d ₁ -0.5	d ₂ Thread	d ₃	d ₄	h ₁	h ₂	h ₃	h ₄ ≈	h ₅	l ₁	l ₂ ≈	A/F
40 1.57	M 8	24 0.94	25 0.98	10 0.39	31 1.22	21 0.83	55 2.17	31 1.22	8 0.31	100 3.94	15 0.59
50 1.97	M 10	28 1.10	30 1.18	12 0.47	34.5 1.36	24 0.94	62 2.44	36 1.42	11 0.43	116 4.57	19 0.75

Specification

- **GN 918.1**
Lever body
Steel
 - Eccentric cam and washer
Case-hardened
 - Hex threaded bolt
Nitrided to surface, property class 8.8
 - Ball lever
Blackened finish
 - **GN 918.6**
Lever body
Stainless steel
 - Eccentric cam
AISI 303
Chemically nickel plated
 - Hex threaded bolt and washer
AISI 630
Tempered
 - Ball lever
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 918.1 / GN 918.6 bottom 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.

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

Bottom 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. GN 605 socket set screws are recommended for use with these clamping bolts. → page 1102 / 1104

see also...

- *Technical Instructions* → page 735

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How to order (Stainless steel)	1 Diameter d ₁
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