



ROST FRET  
Inox  
Stainless  
Steel

## 2 Type

- KV** with ball lever, angular (serration)
- GV** with ball lever, straight (serration)
- SK** with hexagon

## 3 Clamping direction

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

1

$d_1 - 0,5$	$d_2$	$d_3$	$d_4$	$h_1$	$h_2$	$h_3$	$h_4 \approx$	$h_5$	$l_1$	$l_2 \approx$	A/F
40	M 8	24	25	10	31	21	55	31	8	100	15
50	M 10	28	30	12	34,5	24	62	36	11	116	19

## Specification

### • GN 918.1

Steel

- Eccentric cam and washer case hardened
- Screw bolt nitrided  
Tensile strength class 8.8
- Ball lever blackened

### • GN 918.6

Stainless Steel

- Eccentric cam  
AISI 303  
chemically nickel plated
- Screw bolt and washer  
AISI 630  
tempered
- Ball lever  
AISI 303  
matte shot-blasted

This information applies to both standards:

- Ball knob DIN 319  
Plastic  
Duroplast  
black, shiny finish

• *Strength values of screws* → Page 1481

• *Stainless Steel characteristics* → Page 1489

• **RoHs compliant**

## Information

Clamping bolts GN 918.1 / GN 918.6 have a circumferential wedge surface, allowing the rapid and safe clamping and releasing at a relatively large adjustable range and with high clamping force. Owing to the small pitch angle (wedge angle), the eccentric cam is self-arresting.

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.

Screw bolt and washer (see technical instructions) are matched to ensure that the clamping bolt can be easily turned after tightening. Using a washer requires no special requirements in terms of the threaded hole design. This means it can also be mounted on tables using T grooves.

Clamping bolts have the advantage that they can be turned after releasing in the clamping zone.

The use of GN 605 ball point screws with flattened ball is recommended in connection with the clamping bolts. → Page 782

see also...

- *Technical instructions* → Page 473

How to order (Steel)

1 2 3  
GN918.1-50-KV-R

1  $d_1$

2 Type

3 Clamping direction

How to order (Stainless Steel)

1 2 3  
GN918.6-40-SK-L

1  $d_1$

2 Type

3 Clamping direction