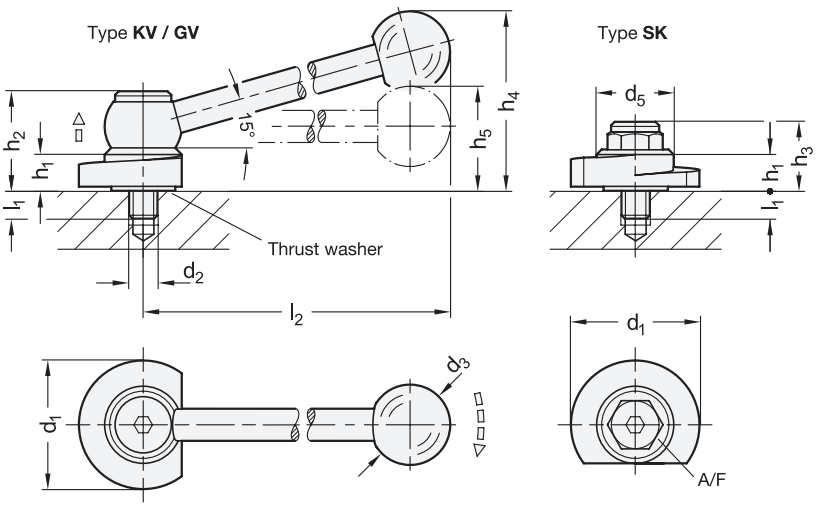
Clamping Bolts

Upward Clamping, with Threaded Bolt

Ganter Norm®



Inox Stainless Steel

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

1

d_1 −0,5	d_2	d_3	d_5	d_6	h_1	h_2	h_3	h_4 ≈	h_5	h_7 ≈	l_1	l_2 ≈	A/F
40	M 8	25	24	20	10,3	31	21,5	55	31	0,2	8	100	15
50	M 10	30	28	24	12,3	35	24,5	62	36	0,2	11	116	19

Specification

GN 918.1
Steel
- Clamping bolt / 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 / thrust washer
  AISI 630, tempered
- Lever
  AISI 303, matt shot-blasted

Ball knob DIN 319
Plastic, phenolic resin (PF)
Black, shiny finish

RoHS

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 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...	Page
GN 918.1 Clamping Bolts (Screw from the Operator's Side)	QVX
GN 918.1 Clamping Bolts (Screw from the Back)	QVX

Technical Information	
Technical instructions	QVX
Strength Values of Screws	QVX
Plastic Characteristics	QVX

How to order (Steel)
1 2 3
GN 918.1-50-KV-R

1	d_1
2	Type
3	Clamping direction

How to order (Stainless Steel)
1 2 3
GN 918.6-50-SK-L

1	d_1
2	Type
3	Clamping direction