



ROSTSTAHL® Rostfrei
Inox
Stainless
Steel

- 2 Type**
- KVB** With ball lever, angular (serration)
 - GVB** With ball lever, straight (serration)
 - SKB** With hex
- 3 Clamping direction**
- R** By clockwise rotation (drawn version)
 - L** By anti-clockwise rotation

1 **4**

d ₁ -0,5	l ₁ max.						d ₂	d ₃	d ₄	d ₅	h ₁	h ₂	h ₃	h ₄ ≈	h ₅	l ₂ ≈	l ₃	A/F	w max.
40	12	22	27	32	37	42	M 6	25	12	24	10	30,5	21	55	31	100	8,5	15	5
40	47	57	62	67	77	82	M 6	25	12	24	10	30,5	21	55	31	100	8,5	15	5
50	10	20	30	40	50	60	M 8	30	16	28	12	34,5	24	62	36	116	10,5	19	5
50	70	80	90	100	-	-	M 8	30	16	28	12	34,5	24	62	36	116	10,5	19	5

Specification

- **GN 918.1**
Steel
 - Clamping bolt, threaded bushing and thrust washer
Case-hardened
 - Socket cap screw DIN 912-12.9
 - Washer tempered
 - Lever blackened
- **GN 918.6**
Stainless steel
 - Clamping bolt
AISI 303, chemically nickel plated
 - Threaded bushing, thrust washer and washer
AISI 630, tempered
 - Socket cap screw DIN 912-A2-70
 - Lever
AISI 303, matte shot-blasted
- Ball knob DIN 319
Plastic, Duroplast
Black, shiny finish
- *Strength Values of Screws* → Page 2152
- *Plastic Characteristics* → Page 2158
- *Stainless Steel Characteristics* → Page 2166
- **RoHS**

Information

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.

Fastening with a bushing allows use even if there is no thread in the surrounding structure. The heavy duty washer directs the resulting screw forces into the surrounding structure.

The ball levers of types KVB / GVB form a positive connection with the clamping bolt 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.

- see also...
- *Technical Instructions* → Page XYZ

How to order (Steel)

1	d ₁
2	Type
3	Clamping direction
4	l ₁

GN918.1-40-SKB-L-37

How to order (Stainless steel)

1	d ₁
2	Type
3	Clamping direction
4	l ₁

GN918.6-50-KVB-R-90