



**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 <sub>1</sub> -0,5	l <sub>1</sub> max.						d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	d <sub>6</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub> ≈	h <sub>5</sub>	h <sub>7</sub> ≈	l <sub>2</sub> ≈	l <sub>3</sub>	A/F	w max.
40	12	22	27	32	37	42	M 6	25	12	24	20	10,3	30,5	21	55	31	0,2	100	8,5	15	5
40	47	57	62	67	77	82	M 6	25	12	24	20	10,3	30,5	21	55	31	0,2	100	8,5	15	5
50	10	20	30	40	50	60	M 8	30	16	28	24	12,3	34,5	24	62	36	0,2	116	10,5	19	5
50	70	80	90	100	-	-	M 8	30	16	28	24	12,3	34,5	24	62	36	0,2	116	10,5	19	5

**Specification**

**GN 918.1**

**Steel**

- Clamping bolt / threaded bushing / thrust washer
- Case-hardened
- Socket cap screw ISO 4762-12.9
- Washer tempered
- Lever blackened

**GN 918.6**

**Stainless steel**

- Clamping bolt
- AISI 303, chemically nickel plated
- Threaded bushing / thrust washer / washer
- AISI 630, tempered
- Socket cap screw ISO 4762-A2-70
- Lever
- AISI 303, matt shot-blasted

**Ball knob DIN 319**

Plastic, phenolic resin (PF)  
Black, shiny finish

RoHS

**Technical Information**

Page

Technical instructions	QVX
Strength Values of Screws	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

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 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.

see also...

	Page
<b>GN 918.1</b> Clamping Bolts (with Threaded Bolt)	QVX
<b>GN 918.1</b> Clamping Bolts (Screw from the Operator's Side)	QVX

**How to order (Steel)**

1	d <sub>1</sub>
2	Type
3	Clamping direction
4	l <sub>1</sub>

**GN 918.1-40-SKB-L-37**

**How to order (Stainless steel)**

1	d <sub>1</sub>
2	Type
3	Clamping direction
4	l <sub>1</sub>

**GN 918.6-50-KVB-R-90**

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4

