



Socket cap screw ISO 4762



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

d <sub>1</sub> -0,5	l <sub>1</sub>	d <sub>2</sub>	d <sub>3</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						
40	10*	15	20	25	30	35**	40	45*	M 6	25	24	20	10,3	36	26	55	31	0,2	100	15
40	50	55**	60	65*	70	75**	80	90	M 6	25	24	20	10,3	36	26	55	31	0,2	100	15
50	12	22	32	42	52	62	72	82	M 8	30	28	24	12,3	41	31	62	36	0,2	116	19
50	92	102	112	-	-	-	-	-	M 8	30	28	24	12,3	41	31	62	36	0,2	116	19

\* only type KVS and GVS \*\* only type SKS

**Specification**

**GN 918.2**

**Steel**

- Clamping bolt / guide bushing / thrust washer Case-hardened
- Socket cap screw ISO 4762-12.9
- Lever Blackened

**GN 918.7**

**Stainless steel**

- Clamping bolt AISI 303, chemically nickel plated
- Guide bushing / thrust 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

Clamping bolts GN 918.2 / GN 918.7 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 via screw from the operator's side bridges a greater clamping range. A sufficiently large screw-in depth t is necessary to safely absorb the screw forces.

The ball levers of types KVS / GVS 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 918.2</b> Clamping Bolts (with Threaded Bolt)	QVX
<b>GN 918.2</b> Clamping Bolts (Screw from the Back)	QVX

**How to order (Steel)**

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

**GN 918.2-50-KVS-L-12**

**How to order (Stainless steel)**

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

**GN 918.7-40-GVS-R-45**

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4

