



SS Stainless Steel

**2 Type**

- KVB** With ball lever, angular (serrations)
- GVB** With ball lever, straight (serrations)
- SKB** With hex

**3 Clamping direction**

- R** By clockwise rotation (drawn version)
- L** By counter-clockwise rotation

**Metric table**

**1 4**

Dimensions in: millimeters - inches

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>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub> ≈	h <sub>5</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	10	30.5	21	55	31	100	8.5	15	5	5
1.57	0.47	0.87	1.06	1.26	1.46	1.65	M 6	0.98	0.47	0.94	0.39	1.20	0.83	2.17	1.22	3.94	0.33	0.59	0.2	0.2
40	47	57	62	67	77	82	M 6	25	12	24	10	30.5	21	55	31	100	8.5	15	5	5
1.57	1.85	2.24	2.56	2.67	3.03	3.23	M 6	0.98	0.47	0.94	0.39	1.20	0.83	2.17	1.22	3.94	0.33	0.59	0.2	0.2
50	10	20	30	40	50	60	M 8	30	16	28	12	34.5	24	62	36	116	10.5	19	5	5
1.97	0.39	0.78	1.18	1.57	1.97	2.36	M 8	1.18	0.63	1.10	0.47	1.36	0.94	2.44	1.42	4.57	0.41	0.75	0.2	0.2
50	70	80	90	100	-	-	M 8	30	16	28	12	34.5	24	62	36	116	10.5	19	5	5
1.97	2.76	3.15	3.54	3.94	-	-	M 8	1.18	0.63	1.10	0.47	1.36	0.94	2.44	1.42	4.57	0.41	0.75	0.2	0.2

**Specification**

**GN 918.2**

- Steel
- Clamping bolt, threaded bushing and thrust washer  
Case-hardened
- Socket cap screw DIN 912-12.9
- Washer tempered
- Lever body  
Blackened finish

**GN 918.7**

- 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 body  
AISI 303  
Matte shot-blasted finish

**Ball knob DIN 319**

- Plastic, Phenolic (PF)
- Black, shiny finish

**Strength Values of Screws → page 2127**

**Plastic Characteristics → page QVX**

**Stainless Steel Characteristics → page 2143**

**RoHS compliant**

**Information**

Clamping cam units 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 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...**

- *Technical Instructions* → page 735
- *Clamping Cam Units GN 918.2 / GN 918.7 (Screw from the Operator's Side)* → page XYZ
- *Clamping Cam Units GN 918.2 / GN 918.7 (with Threaded Bolt)* → page XYZ

<b>How to order (Steel)</b>	<b>1</b> Diameter d <sub>1</sub>
<b>GN 918.2-40-GVB-L-77</b>	<b>2</b> Type
	<b>3</b> Clamping direction
	<b>4</b> Length l <sub>1</sub>
<b>How to order (Stainless steel)</b>	<b>1</b> Diameter d <sub>1</sub>
<b>GN 918.7-50-SKB-R-60</b>	<b>2</b> Type
	<b>3</b> Clamping direction
	<b>4</b> Length l <sub>1</sub>

1.1  
1.2  
1.3  
1.4  
1.5  
1.6  
1.7  
1.8  
1.9  
2.0  
2.1  
2.2  
2.3  
2.4