



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> h <sub>9</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub> ≈	h <sub>5</sub>	h <sub>6</sub> -0.1	l <sub>2</sub> ≈	l <sub>3</sub>	A/F	w max.
40	12	22	27	32	37	42	M 6	25	9	10	30.5	21	55	31	2.5	100	8.5	15	5
1.57	0.47	0.87	1.06	1.26	1.46	1.65		0.98	0.354	0.39	1.20	0.83	2.17	1.22	0.004	3.94	0.33	0.59	0.2
40	47	57	62	67	77	82	M 6	25	9	10	30.5	21	55	31	2.5	100	8.5	15	5
1.57	1.85	2.24	2.56	2.67	3.03	3.23		0.98	0.354	0.39	1.20	0.38	2.17	1.22	0.004	3.94	0.33	0.59	0.2
50	10	20	30	40	50	60	M 8	30	11	12	34.5	24	62	36	2.5	116	10.5	19	5
1.97	0.39	0.78	1.18	1.57	1.97	2.36		1.18	0.433	0.47	1.36	0.94	2.44	1.42	0.004	4.57	0.41	0.75	0.2
50	70	80	90	100	-	-	M 8	30	11	12	34.5	24	62	36	2.5	116	10.5	19	5
1.97	2.76	3.15	3.54	3.94				1.18	0.433	0.47	1.36	0.94	2.44	1.42	0.004	4.57	0.41	0.75	0.2

**Specification**

- GN 918**  
Steel
  - Eccentric cam, threaded bushing and thrust washer  
Case-hardened
  - Socket cap screw DIN 912-12.9
  - Washer tempered
  - Lever body  
Blackened finish
- GN 918.5**  
Stainless steel
  - Eccentric cam  
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**

Eccentric cam units GN 918 / GN 918.5 allow the rapid and secure clamping and releasing at a relatively large clamping range and with high clamping force. The cam offers the advantage that the clamping force remains constant in every angular position and is self-locking at the same time.

Fastening the screw from the back allows the use, if there is no thread in the surrounding structure. The heavy duty washer absorbs and transfers the resulting screw forces. The centering step of the thrust washer provides protection from impermissible lateral forces on the socket cap screw.

The lever handles of types KVB and GVB feature a positive connection with the eccentric cam by means of a serration. During assembly, the position of the lever can thus be fixed in a position that is favorable for clamping.

see also...

- Technical Instructions → page 735
- Eccentric Cam Units GN 918 / GN 918.5 (Screw from the Operator's Side) → page XYZ
- Eccentric Cam Units GN 918 / GN 918.5 (with Threaded Bolt) → page XYZ

How to order (Steel)	1 Diameter d <sub>1</sub>
1 2 3 4	2 Type
<b>GN 918-50-GVB-L-70</b>	3 Clamping direction
	4 Length l <sub>1</sub>
How to order (Stainless steel)	1 Diameter d <sub>1</sub>
1 2 3 4	2 Type
<b>GN 918.5-40-KVB-R-67</b>	3 Clamping direction
	4 Length l <sub>1</sub>