



SS Stainless Steel

2 Type

- KVS** With ball lever, angular (serrations)
- GVS** With ball lever, straight (serrations)
- SKS** With hex

3 Clamping direction

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

Metric table

Dimensions in: millimeters - inches

1 $d_1 -0.5$	4 l_1									d_2	d_3	$d_4 h9$	h_1	h_2	h_3	$h_4 \approx$	h_5	$h_6 -0.1$	$l_2 \approx$	A/F
40	10*	15	20	25	30	35**	40	45*		M 6	25	9	10	36	26	55	31	2.5	100	15
1.57	0.39	0.59	0.79	0.98	1.18	1.38	1.57	1.77			0.98	0.354	0.39	1.41	1.02	2.17	1.22	0.004	3.94	0.59
40	50	55**	60	65*	70	75**	80	90		M 6	25	9	10	36	26	55	31	2.5	100	15
1.57	1.97	2.17	3.36	2.56	2.76	2.95	3.15	3.54			0.98	0.354	0.39	1.41	1.02	2.17	1.22	0.004	3.94	0.59
50	12	22	32	42	52	62	72	82		M 8	30	11	12	41	31	62	36	2.5	116	19
1.97	0.47	0.87	1.26	1.65	2.05	2.56	2.83	3.23			1.18	0.433	0.47	1.61	1.22	2.44	1.42	0.004	4.57	0.75
50	92	102	112	-	-	-	-	-		M 8	30	11	12	41	31	62	36	2.5	116	19
1.97	3.62	4.02	4.41								1.18	0.433	0.47	1.61	1.22	2.44	1.42	0.004	4.57	0.75

* only type KVS and GVS ** only type SKS

Specification

- **GN 918**
Steel
 - Eccentric cam, guide bushing and thrust washer
Case-hardened
 - Socket cap screw DIN 912-12.9
 - Lever body
Blackened finish
- **GN 918.5**
Stainless steel
 - Eccentric cam
AISI 303
Chemically nickel plated
 - Guide bushing and thrust 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 via screw from the operator's side bridges a larger clamping range. A sufficiently large screw-in depth t is necessary to safely absorb the screw forces. The centering step of the thrust washer provides protection from impermissible lateral forces on the socket cap screw.

The ball levers of types KVS and GVS 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 \(Screw from the Back\)](#) → page XYZ
- [Eccentric Cam Units GN 918 / GN 918.5 \(with Threaded Bolt\)](#) → page XYZ

How to order (Steel)	1 Diameter d_1
1 2 3 4 GN 918-50-SKS-R-62	2 Type
	3 Clamping direction
	4 Length l_1
How to order (Stainless steel)	1 Diameter d_1
1 2 3 4 GN 918.5-40-GVS-L-60	2 Type
	3 Clamping direction
	4 Length l_1