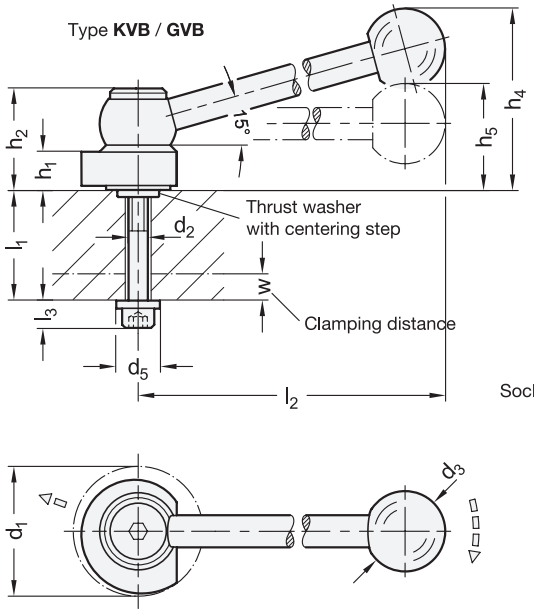

Inox Stainless Steel

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 d_1 −0,5	4 l_1 max.						d_2	d_3	d_4 h9	d_5	d_6	h_1	h_2	h_3	h_4 ≈	h_5	h_6 −0,1	h_7 ≈	l_2 ≈	l_3 ≈	A/F	w max.
40	12	22	27	32	37	42	M 6	25	9	12	20	10,3	30,5	21	55	31	2,5	0,2	100	8,5	15	5
40	47	57	62	67	77	82	M 6	25	9	12	20	10,3	30,5	21	55	31	2,5	0,2	100	8,5	15	5
50	10	20	30	40	50	60	M 8	30	11	16	24	12,3	34,5	24	62	36	2,5	0,2	116	10,5	19	5
50	70	80	90	100	-	-	M 8	30	11	16	24	12,3	34,5	24	62	36	2,5	0,2	116	10,5	19	5

Specification

GN 918
Steel
- Eccentric cam / threaded bushing / thrust washer
  Case-hardened
- Socket cap screw ISO 4762-12.9
- Washer tempered
- Lever blackened

GN 918.5
Edelstahl
- Eccentric cam
  AISI 303, chemically nickel plated
- Threaded bushing / thrust washer / washer
  AISI 630, tempered
- Socket cap screw ISO 4762-A2-70
- Lever
  AISI 303, matte shot-blasted

Ball knob DIN 319
Plastic, phenolic resin (PF)
Black, shiny finish

RoHS

Eccentrical cams GN 918 / GN 918.5 allow rapid and safe clamping and releasing with a relatively long movement and high clamping force. The small rising angle of the helix makes it self arresting.
The ball handle is linked with the clamping mechanism via a serrated ratchet thus allowing an „individual positioning“ of the hand lever.
Screw bolt and washer are matched to allow an effortless release from the clamped position. The washer „saves“ special requirements to the execution of the female thread and the clamping bolt can therefore also be used on T-Nuts on machine beds.

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

How to order (Steel)		
GN 918-50-GVB-L-70 (1 2 3 4)	1	d_1
	2	Type
	3	Clamping direction
	4	l_1

How to order (Stainless Steel)		
GN 918.5-40-KVB-R-67 (1 2 3 4)	1	d_1
	2	Type
	3	Clamping direction
	4	l_1