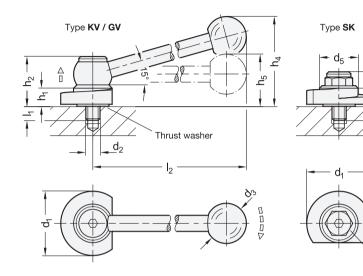
GN 918.1 Steel







Clamping direction

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

Metric table

Dimensions in: millimeters - inc										neters - <i>inch</i> e	
d ₁ -0.5	d ₂	d ₃	d ₅	h ₁	h ₂	h ₃	h₄ ≈	h ₅	I ₁	l₂ ≈	A/F
40	M 8	25	24	10	31	21.5	55	31	8	100	15
<i>1.57</i>		<i>0.</i> 98	0.94	<i>0.39</i>	<i>1.22</i>	<i>0.85</i>	2.17	<i>1.22</i>	0.31	<i>3.94</i>	<i>0.5</i> 9
50	M 10	30	28	12	35	24.5	62	36	11	116	19
1.97		<i>1.</i> 18	1.10	0.47	<i>1.38</i>	0.96	2.44	1.42	<i>0.43</i>	<i>4.57</i>	<i>0.75</i>

Specification

• GN 918.1

Steel

- Clamping bolt and thrust washer
- Case-hardened
- Hex threaded bolt

Nitrided to surface, property class 8.8 - Lever body

Blackened finish

• GN 918.6

- Stainless steel
- Clamping bolt AISI 303
- Chemically nickel plated
- Hex threaded bolt and thrust washer AISI 630 Tempered
- Lever body AISI 303
- Matte shot-blasted finish
- · Ball knob DIN 319 Plastic, Phenolic (PF) Black, shiny finish
- Strength Values of Screws → page XY
- Plastic Characteristics → page QVX
- Stainless Steel Characteristics → page
- RoHS compliant

Information

Clamping cam units GN 918.1 / GN 918.6 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.

The ball levers of types KV and GV 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.

Use of the thrust washer eliminates the need for special requirements on the design of the threaded hole, which allows, for example, mounting on tables with T-slots.

see also ...

- Technical Instructions → page 735
- Clamping Cam Units GN 918.1 / GN 918.6 (Screw from the Operator's Side) → page XYZ
- Clamping Cam Units GN 918.1 / GN 918.6 (Screw from the Back) → page XYZ

	How to order (Steel)	1 Diameter d ₁ 2 Type		
(Z	GN918.1-50-KV-R	3 Clamping direction		
ge XYZ	How to order (Stainless steel)	1 Diameter d ₁		
		2 Type		
	GN 918.6-50-SK-L	3 Clamping direction		

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