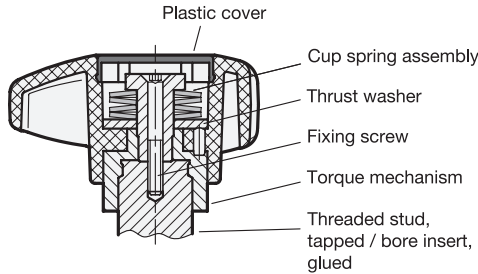


Metric



**Metric table**

Dimensions in: millimeters / inches

d <sub>1</sub>	d <sub>2</sub> Thread	d <sub>3</sub> H7 Bore	d <sub>4</sub> Thread	Length l						d <sub>5</sub>	d <sub>6</sub>	h <sub>1</sub>	h <sub>2</sub>	t min.	Torque ±10% in Nm		
				16	20	25	32	40	50						2	3	4
50 1.97	M 6	B 6	M 8	16 0.63	20 0.79	25 0.98	32 1.26	40 1.57	50 1.97	13.5 0.53	23.6 0.93	42 1.65	11 0.43	11 0.43	2	3	4
50 1.97	M 8	B 8	M 10	20 0.79	25 0.98	32 1.26	40 1.57	50 1.97	13.5 0.53	23.6 0.93	42 1.65	11 0.43	11 0.43	2	3	4	
63 2.48	M 8	B 8	M 8	25 0.98	32 1.26	40 1.57	50 1.97	63 2.48	16 0.63	28.1 1.11	47 1.85	13 0.51	14 0.55	3.2	4	4.7	
63 2.48	M 10	B 10	M 10	25 0.98	32 1.26	40 1.57	50 1.97	63 2.48	16 0.63	28.1 1.11	47 1.85	13 0.51	14 0.55	3.2	4	4.7	
80 3.15	M 10	B 10	M 10	25 0.98	32 1.26	40 1.57	50 1.97	63 2.48	19 0.75	34.1 1.34	55 2.17	15.5 0.61	17 0.67	4	5.5	7.5	
80 3.15	M 12	B 12	M 12	25 0.98	32 1.26	40 1.57	50 1.97	63 2.48	19 0.75	34.1 1.34	55 2.17	15.5 0.61	17 0.67	4	5.5	7.5	

**Specification**

**Knob**

Plastic, Polyamide (PA-HP)

- Glass fiber reinforced
- Black matte finish

**Torque mechanism**

Steel, hardened

**Other components**

Steel, blackened finish

**Cover**

Plastic, light gray

RoHS

**On request**

- Other dimensions of plain bore / tapped inserts or threaded studs as per GN 300
- Other inserts with special-tipped threaded studs as per GN 306
- Other torques
- Torque limiting turning counter-clockwise, or turning counter-clockwise and clockwise

Torque limiting three-lobed knobs GN 3664 are used when the manually applied torque is to be set or limited.

When turned clockwise, the torque mechanism of the three-lobed knob triggers an “over-engagement” as soon as the specified torque is reached. When turned counter-clockwise, the mechanism locks up to disable any torque limiting. This ensures that a maximum permissible torque is not exceeded, e.g. when tightening, while the torque required for loosening is always transmitted reliably.

**Technical Information**

ISO Fundamental Tolerances

Plastic Characteristics

Page

QVX

QVX

How to order (Insert)

**GN 3664-80-B12-7.5**

- 1 Handle diameter d<sub>1</sub>
- 2 Bore d<sub>3</sub> (Thread d<sub>2</sub>)
- 3 Torque

How to order (Threaded stud)

**GN 3664-50-M8-40-3**

- 1 Handle diameter d<sub>1</sub>
- 2 Thread d<sub>4</sub>
- 3 Length l
- 4 Torque

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4

