



**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						13.5	23.6	41.6
50 1.97	M 6	B 6	M 8	16	20	25	32	40	13.5	23.6	41.6	10.7	11	2	3	4
50 1.97	M 8	B 8	M 10	20	25	32	40	50	13.5	23.6	41.6	10.7	11	2	3	4
63 2.48	M 8	B 8	M 8	25	32	40	50	63	16	28.1	46.6	12.9	14	3.2	4	4.7
63 2.48	M 10	B 10	M 10	25	32	40	50	63	16	28.1	46.6	12.9	14	3.2	4	4.7
80 3.15	M 10	B 10	M 10	25	32	40	50	63	19	34.1	56.2	16.8	17	4	5.5	7.5
80 3.15	M 12	B 12	M 12	25	32	40	50	63	19	34.1	56.2	16.8	17	4	5.5	7.5

**Specification**

- Knob body  
Technopolymer (Polyamide PA-HP)  
- Glass fiber reinforced  
- Black, matte finish
- Torque mechanism  
Steel, hardened
- Other components  
Steel, blackened finish
- Cover  
Plastic, light gray
- RoHS compliant

**Information**

GN 3664 torque limiting three-lobed knobs 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.

**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

How to order (Insert)	1 Handle diameter d <sub>1</sub>
GN 3664-80-B12-7.5	2 Bore d <sub>3</sub> (Thread d <sub>2</sub> )
	4 Torque

How to order (Threaded stud)	1 Handle diameter d <sub>1</sub>
GN 3664-50-M8-40-3	2 Thread d <sub>4</sub>
	3 Length l
	4 Torque