



d ₁	d ₂ Thread	d ₃ H7 Bore	d ₄ Thread	Length l						d ₅	d ₆	h ₁	h ₂	t min.	Torque ±10% in Nm		
50	M 6	B 6	M 8	16	20	25	32	40	13,5	23,6	42	11	11	2	3	4	
50	M 8	B 8	M 10	20	25	32	40	50	13,5	23,6	42	11	11	2	3	4	
63	M 8	B 8	M 8	25	32	40	50	63	16	28,1	47	13	14	3,2	4	4,7	
63	M 10	B 10	M 10	25	32	40	50	63	16	28,1	47	13	14	3,2	4	4,7	
80	M 10	B 10	M 10	25	32	40	50	63	19	34,1	55	15,5	17	4	5,5	7,5	
80	M 12	B 12	M 12	25	32	40	50	63	19	34,1	55	15,5	17	4	5,5	7,5	

Specification

Knob

- Plastic, Polyamide (PA-HP)
- Glass fiber reinforced
- Black matte finish

Torque limiting mechanism

Steel, hardened

Other parts

Steel, blackened

Cover

Plastic, light gray

RoHS

On request

- Other dimensions of bore inserts or threaded inserts analog GN 300
- Other inserts with special threaded studs analog GN 306
- Other torques
- Torque limiting turning counterclockwise or turning counterclockwise and clockwise

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

When turned clockwise, the torque mechanical system of the knurled knob triggers an „over-engagement“ as soon as the specified torque is reached. When turning counterclockwise, the mechanical system locks such that the torque is not limited. For example, when tightening, this will ensure that the maximum permissible torque is not exceeded. On the other hand, the torque necessary for releasing will always be transferred reliably.

Technical Information

ISO Fundamental Tolerances

Plastic Characteristics

Page

QVX

QVX

How to order (Bushing)

GN 3664-80-B12-7,5

- 1 d₁
- 2 d₃ (d₂)
- 3 Torque

How to order (Screw)

GN 3664-50-M8-40-3

- 1 d₁
- 2 d₄
- 3 Length l
- 4 Torque

