



1		2		2		2		3		4									
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				
27	M 3 - -	B 5	M 4	12	16	20	25	32	10	19	35	9,5	7	0,7	1	1,5			
27	M 4 M 5 M 6	B 6	M 5	12	16	20	25	32	10	19	35	9,5	9	0,7	1	1,5			
34	M 3 - -	B 5	M 5	12	16	20	25	32	10	21	37,5	9,5	7	1	1,5	2,2			
34	M 4 M 5 M 6	B 6	M 6	12	16	20	25	32	10	21	37,5	9,5	9	1	1,5	2,2			
42	M 6 - -	B 6	M 8	16	20	25	32	40	13,5	27	43,5	11,5	11	2	2,5	3,2			
42	M 8 - -	B 8	M 10	20	25	32	40	50	13,5	27	43,5	11,5	11	2	2,5	3,2			
52	M 10 - -	B 10	M 10	25	32	40	50	63	19	32	54	15,5	17	2,5	3	4			
52	M 12 - -	B 12	M 12	25	32	40	50	63	19	32	54	15,5	17	2,5	3	4			
62	M 10 - -	B 10	M 10	25	32	40	50	63	19	33	54	15,5	17	3	4	5,5			
62	M 12 - -	B 12	M 12	25	32	40	50	63	19	33	54	15,5	17	3	4	5,5			

Specification

- Knob
Aluminum
Black anodized
- Torque mechanism
Steel, hardened
- Other parts
Steel, blackened
- Cover cap
Plastic, light gray
- RoHS

On request

- Other dimensions of bore inserts, threaded inserts or threaded studs analog GN 300 → Page 428 / 429
- Other inserts with special threaded studs analog GN 306 → Page 436
- Other torques
- Torque limiting turning counterclockwise or turning counterclockwise and clockwise

Information

Torque limiting knurled knobs / knob screws GN 3663 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.

How to order (Bushing)	1 d ₁
GN 3663-62-M12-5,5	2 d ₂ (d ₃)
	4 Torque

How to order (Threaded stud)	1 d ₁
GN 3663-27-M4-20-0,7	2 d ₄
	3 Length l
	4 Torque