



1		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
Aluminium
black anodized
- Torque mechanism
Steel, hardened
- Other parts
Steel, blackened
- Cover cap
Plastic, light grey
- RoHS compliant

On request

- Other dimensions for inserts with bore, thread and threaded stud inserts analog GN 300 → Page 196 / 197
- Other inserts with special threaded studs analog GN 306 → New products
- Other torques
- Torque limiting turning anti-clockwise or turning anti-clockwise and clockwise

Information

Torque limiting knobs / Torque limiting 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 anti-clockwise, the mechanical system locks such that the torque is not limited. 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.

After removing the cover and loosening the countersunk screw, the thread or bore insert can be dismantled.

How to order (bushing)	1 d ₁
GN3663-62-M12-5,5	2 d ₂ (d ₃)
	4 Torque

How to order (screw)	1 d ₁
GN3663-27-M4-20-0,7	2 d ₄
	3 Length l
	4 Torque