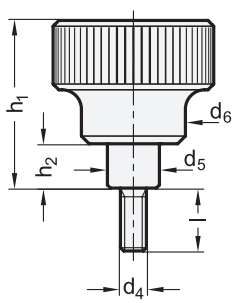

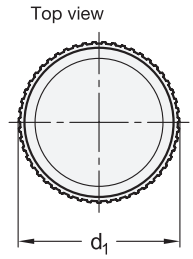

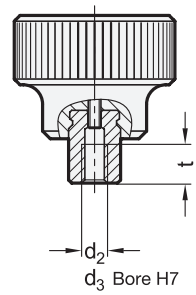

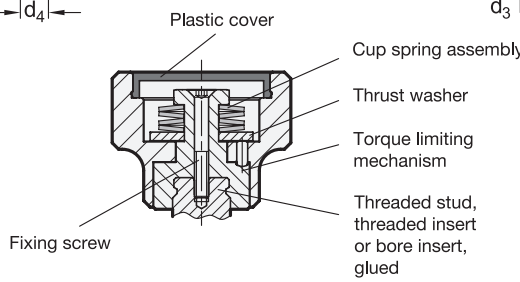

1 d1	2 d2 Thread			2 d3 H7 Bore	2 d4 Thread	3 Length l					d5	d6	h1	h2	t min.	4 Torque ±10% in Nm		
27	M 3	-	-	B 5	M 4	12	16	20	25	32	10	19	34	8,5	7	0,7	1	1,5
27	M 4	M 5	M 6	B 6	M 5	12	16	20	25	32	10	19	34	8,5	9	0,7	1	1,5
34	M 3	-	-	B 5	M 5	12	16	20	25	32	10	21	36,5	8,5	7	1	1,5	2,2
34	M 4	M 5	M 6	B 6	M 6	12	16	20	25	32	10	21	36,5	8,5	9	1	1,5	2,2
42	M 6	-	-	B 6	M 8	16	20	25	32	40	13,5	27	43	11	11	2	2,5	3,2
42	M 8	-	-	B 8	M 10	20	25	32	40	50	13,5	27	43	11	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, Polyamide (PA)
Light gray

RoHS

On request

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

Torque limiting knurled knobs / knurled 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. This configuration ensures that a maximum rated torque is not exceeded when tightening, but with the torque required for releasing always being transferred reliably. After removing the cover and loosening the countersunk screw, the thread or bore insert can be dismantled.

Technical Information	Page
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX

How to order (Internal thread)
1 2 4
GN 3663-62-M12-5,5

1	d_1
2	d_2 (d_3)
4	Torque

How to order (External thread)
1 2 3 4
GN 3663-27-M4-20-0,7

1	d_1
2	d_4
3	Length l
4	Torque