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SPECIFICATION

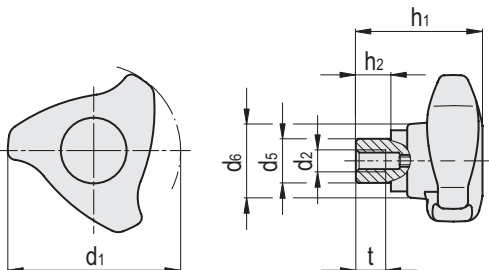
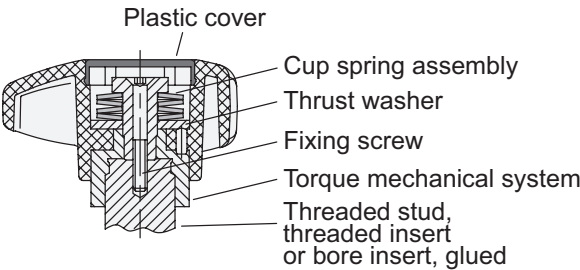
- Knob
- SUPER-Technopolymer
- glass fiber reinforced
- black, matte
- Torque limiting mechanism
- Steel, case-hardened
- Other parts
- Steel, blackened
- Cover
- Plastic light gray

FEATURES AND APPLICATIONS

Torque limiting tristar knobs GN 3664 are used when the torque applied by hand must be set or limited. !da duplicazione!
When turned clockwise, the torque mechanism of the tristar knob triggers a "slipping" effect after the specified torque is reached. When turned anti-clockwise, the mechanism locks up to disable any torque limiting. This ensures that a maximum permissible torque is not exceeded, while the torque required for loosening is always transmitted reliably.

ON REQUEST

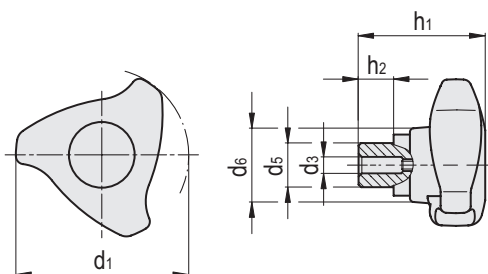
- Other dimensions of bore inserts or threaded inserts analog GN 3001 (see page).
- Other inserts with special threaded studs analog GN 306 (see page).
- Other torques.
- Torques limiting turning anti-clockwise or turning anti-clockwise and clockwise.



GN 3664 (d2)

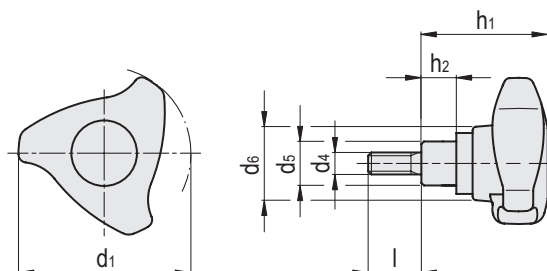
Code	Description	d1	d2	d5	d6	h1	h2	tmin	Tightening torque ±10% [Nm]	ΔΔ
GN.21611	GN 3664-50-M6-2	50	M6	13.5	23.6	41.6	10.7	11	2	62
GN.21612	GN 3664-50-M6-3	50	M6	13.5	23.6	41.6	10.7	11	3	62
GN.21613	GN 3664-50-M6-4	50	M6	13.5	23.6	41.6	10.7	11	4	63
GN.21616	GN 3664-50-M8-2	50	M8	13.5	23.6	41.6	10.7	11	2	60
GN.21617	GN 3664-50-M8-3	50	M8	13.5	23.6	41.6	10.7	11	3	60
GN.21618	GN 3664-50-M8-4	50	M8	13.5	23.6	41.6	10.7	11	4	61
GN.21691	GN 3664-63-M8-3,2	63	M8	16	28.1	46.6	12.9	14	3.2	104
GN.21692	GN 3664-63-M8-4	63	M8	16	28.1	46.6	12.9	14	4	104
GN.21693	GN 3664-63-M8-4,7	63	M8	16	28.1	46.6	12.9	14	4.7	106
GN.21697	GN 3664-63-M10-3,2	63	M10	16	28.1	46.6	12.9	14	3.2	101
GN.21696	GN 3664-63-M10-4	63	M10	16	28.1	46.6	12.9	14	4	101
GN.21698	GN 3664-63-M10-4,7	63	M10	16	28.1	46.6	12.9	14	4.7	103
GN.21771	GN 3664-80-M10-4	80	M10	19	34.1	56.2	16.8	17	4	172
GN.21772	GN 3664-80-M10-5,5	80	M10	19	34.1	56.2	16.8	17	5.5	172
GN.21773	GN 3664-80-M10-7,5	80	M10	19	34.1	56.2	16.8	17	7.5	174
GN.21776	GN 3664-80-M12-4	80	M12	19	34.1	56.2	16.8	17	4	167
GN.21777	GN 3664-80-M12-5,5	80	M12	19	34.1	56.2	16.8	17	5.5	167
GN.21778	GN 3664-80-M12-7,5	80	M12	19	34.1	56.2	16.8	17	7.5	169

Clamping elements



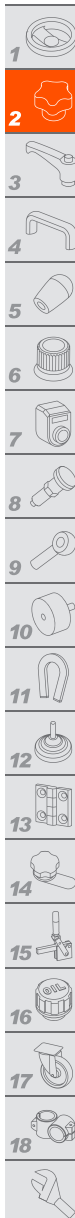
GN 3664 (d3)

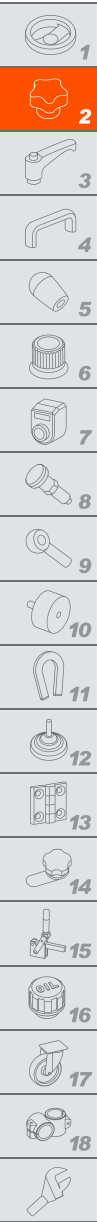
Code	Description	d1	d3 H7	d5	d6	h1	h2	Tightening torque $\pm 10\%$ [Nm]	
GN.21601	GN 3664-50-B6-2	50	B6	13.5	23.6	41.6	10.7	2	62
GN.21602	GN 3664-50-B6-3	50	B6	13.5	23.6	41.6	10.7	3	62
GN.21603	GN 3664-50-B6-4	50	B6	13.5	23.6	41.6	10.7	4	63
GN.21606	GN 3664-50-B8-2	50	B8	13.5	23.6	41.6	10.7	2	57
GN.21607	GN 3664-50-B8-3	50	B8	13.5	23.6	41.6	10.7	3	57
GN.21608	GN 3664-50-B8-4	50	B8	13.5	23.6	41.6	10.7	4	58
GN.21681	GN 3664-63-B8-3,2	63	B8	16	28.1	46.6	12.9	3.2	105
GN.21682	GN 3664-63-B8-4	63	B8	16	28.1	46.6	12.9	4	105
GN.21683	GN 3664-63-B8-4,7	63	B8	16	28.1	46.6	12.9	4.7	107
GN.21686	GN 3664-63-B10-3,2	63	B10	16	28.1	46.6	12.9	3.2	101
GN.21687	GN 3664-63-B10-4	63	B10	16	28.1	46.6	12.9	4	101
GN.21688	GN 3664-63-B10-4,7	63	B10	16	28.1	46.6	12.9	4.7	103
GN.21761	GN 3664-80-B10-4	80	B10	19	34.1	56.2	16.8	4	173
GN.21762	GN 3664-80-B10-5,5	80	B10	19	34.1	56.2	16.8	5.5	173
GN.21763	GN 3664-80-B10-7,5	80	B10	19	34.1	56.2	16.8	7.5	175
GN.21766	GN 3664-80-B12-4	80	B12	19	34.1	56.2	16.8	4	167
GN.21767	GN 3664-80-B12-5,5	80	B12	19	34.1	56.2	16.8	5.5	167
GN.21768	GN 3664-80-B12-7,5	80	B12	19	34.1	56.2	16.8	7.5	169



GN 3664 (d4 - l)

Code	Description	d1	d4	d5	d6	h1	h2	l	Tightening torque $\pm 10\%$ [Nm]	
GN.21621	GN 3664-50-M8-16-2	50	M8	13.5	23.6	41.6	10.7	16	2	75
GN.21622	GN 3664-50-M8-16-3	50	M8	13.5	23.6	41.6	10.7	16	3	75
GN.21623	GN 3664-50-M8-16-4	50	M8	13.5	23.6	41.6	10.7	16	4	76
GN.21626	GN 3664-50-M8-20-2	50	M8	13.5	23.6	41.6	10.7	20	2	70
GN.21627	GN 3664-50-M8-20-3	50	M8	13.5	23.6	41.6	10.7	20	3	70
GN.21628	GN 3664-50-M8-20-4	50	M8	13.5	23.6	41.6	10.7	20	4	71
GN.21631	GN 3664-50-M8-25-2	50	M8	13.5	23.6	41.6	10.7	25	2	72
GN.21632	GN 3664-50-M8-25-3	50	M8	13.5	23.6	41.6	10.7	25	3	72
GN.21633	GN 3664-50-M8-25-4	50	M8	13.5	23.6	41.6	10.7	25	4	73
GN.21636	GN 3664-50-M8-32-2	50	M8	13.5	23.6	41.6	10.7	32	2	74
GN.21637	GN 3664-50-M8-32-3	50	M8	13.5	23.6	41.6	10.7	32	3	74
GN.21638	GN 3664-50-M8-32-4	50	M8	13.5	23.6	41.6	10.7	32	4	75
GN.21641	GN 3664-50-M8-40-2	50	M8	13.5	23.6	41.6	10.7	40	2	76
GN.21642	GN 3664-50-M8-40-3	50	M8	13.5	23.6	41.6	10.7	40	3	76
GN.21643	GN 3664-50-M8-40-4	50	M8	13.5	23.6	41.6	10.7	40	4	77
GN.21646	GN 3664-50-M10-20-2	50	M10	13.5	23.6	41.6	10.7	20	2	73
GN.21647	GN 3664-50-M10-20-3	50	M10	13.5	23.6	41.6	10.7	20	3	73
GN.21648	GN 3664-50-M10-20-4	50	M10	13.5	23.6	41.6	10.7	20	4	74
GN.21651	GN 3664-50-M10-25-2	50	M10	13.5	23.6	41.6	10.7	25	2	76
GN.21652	GN 3664-50-M10-25-3	50	M10	13.5	23.6	41.6	10.7	25	3	76
GN.21653	GN 3664-50-M10-25-4	50	M10	13.5	23.6	41.6	10.7	25	4	77
GN.21656	GN 3664-50-M10-32-2	50	M10	13.5	23.6	41.6	10.7	32	2	80
GN.21657	GN 3664-50-M10-32-3	50	M10	13.5	23.6	41.6	10.7	32	3	80
GN.21658	GN 3664-50-M10-32-4	50	M10	13.5	23.6	41.6	10.7	32	4	81
GN.21661	GN 3664-50-M10-40-2	50	M10	13.5	23.6	41.6	10.7	40	2	82
GN.21662	GN 3664-50-M10-40-3	50	M10	13.5	23.6	41.6	10.7	40	3	82
GN.21663	GN 3664-50-M10-40-4	50	M10	13.5	23.6	41.6	10.7	40	4	83
GN.21666	GN 3664-50-M10-50-2	50	M10	13.5	23.6	41.6	10.7	50	2	87
GN.21667	GN 3664-50-M10-50-3	50	M10	13.5	23.6	41.6	10.7	50	3	87
GN.21668	GN 3664-50-M10-50-4	50	M10	13.5	23.6	41.6	10.7	50	4	88





Clamping elements

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GN 3664 (d4 - I)

Code	Description	d1	d4	d5	d6	h1	h2	I	Tightening torque ±10% [Nm]	
GN.21701	GN 3664-63-M8-25-3,2	63	M8	16	28.1	46.6	12.9	25	3.2	116
GN.21702	GN 3664-63-M8-25-4	63	M8	16	28.1	46.6	12.9	25	4	116
GN.21703	GN 3664-63-M8-25-4,7	63	M8	16	28.1	46.6	12.9	25	4.7	118
GN.21706	GN 3664-63-M8-32-3,2	63	M8	16	28.1	46.6	12.9	32	3.2	120
GN.21707	GN 3664-63-M8-32-4	63	M8	16	28.1	46.6	12.9	32	4	120
GN.21708	GN 3664-63-M8-32-4,7	63	M8	16	28.1	46.6	12.9	32	4.7	121
GN.21711	GN 3664-63-M8-40-3,2	63	M8	16	28.1	46.6	12.9	40	3.2	82
GN.21712	GN 3664-63-M8-40-4	63	M8	16	28.1	46.6	12.9	40	4	82
GN.21713	GN 3664-63-M8-40-4,7	63	M8	16	28.1	46.6	12.9	40	4.7	83
GN.21716	GN 3664-63-M8-50-3,2	63	M8	16	28.1	46.6	12.9	50	3.2	126
GN.21717	GN 3664-63-M8-50-4	63	M8	16	28.1	46.6	12.9	50	4	126
GN.21718	GN 3664-63-M8-50-4,7	63	M8	16	28.1	46.6	12.9	50	4.7	128
GN.21721	GN 3664-63-M8-63-3,2	63	M8	16	28.1	46.6	12.9	63	3.2	130
GN.21722	GN 3664-63-M8-63-4	63	M8	16	28.1	46.6	12.9	63	4	130
GN.21723	GN 3664-63-M8-63-4,7	63	M8	16	28.1	46.6	12.9	63	4.7	132
GN.21726	GN 3664-63-M10-25-3,2	63	M10	16	28.1	46.6	12.9	25	3.2	122
GN.21727	GN 3664-63-M10-25-4	63	M10	16	28.1	46.6	12.9	25	4	122
GN.21728	GN 3664-63-M10-25-4,7	63	M10	16	28.1	46.6	12.9	25	4.7	124
GN.21731	GN 3664-63-M10-32-3,2	63	M10	16	28.1	46.6	12.9	32	3.2	82
GN.21732	GN 3664-63-M10-32-4	63	M10	16	28.1	46.6	12.9	32	4	82
GN.21733	GN 3664-63-M10-32-4,7	63	M10	16	28.1	46.6	12.9	32	4.7	84
GN.21736	GN 3664-63-M10-40-3,2	63	M10	16	28.1	46.6	12.9	40	3.2	129
GN.21737	GN 3664-63-M10-40-4	63	M10	16	28.1	46.6	12.9	40	4	129
GN.21738	GN 3664-63-M10-40-4,7	63	M10	16	28.1	46.6	12.9	40	4.7	131
GN.21741	GN 3664-63-M10-50-3,2	63	M10	16	28.1	46.6	12.9	50	3.2	134
GN.21742	GN 3664-63-M10-50-4	63	M10	16	28.1	46.6	12.9	50	4	134
GN.21743	GN 3664-63-M10-50-4,7	63	M10	16	28.1	46.6	12.9	50	4.7	136
GN.21746	GN 3664-63-M10-63-3,2	63	M10	16	28.1	46.6	12.9	63	3.2	140
GN.21747	GN 3664-63-M10-63-4	63	M10	16	28.1	46.6	12.9	63	4	140
GN.21748	GN 3664-63-M10-63-4,7	63	M10	16	28.1	46.6	12.9	63	4.7	142
GN.21781	GN 3664-80-M10-25-4	80	M10	19	34.1	56.2	16.8	25	4	194
GN.21782	GN 3664-80-M10-25-5,5	80	M10	19	34.1	56.2	16.8	25	5.5	194
GN.21783	GN 3664-80-M10-25-7,5	80	M10	19	34.1	56.2	16.8	25	7.5	196
GN.21786	GN 3664-80-M10-32-4	80	M10	19	34.1	56.2	16.8	32	4	198
GN.21787	GN 3664-80-M10-32-5,5	80	M10	19	34.1	56.2	16.8	32	5.5	198
GN.21788	GN 3664-80-M10-32-7,5	80	M10	19	34.1	56.2	16.8	32	7.5	200
GN.21791	GN 3664-80-M10-40-4	80	M10	19	34.1	56.2	16.8	40	4	202
GN.21792	GN 3664-80-M10-40-5,5	80	M10	19	34.1	56.2	16.8	40	5.5	202
GN.21793	GN 3664-80-M10-40-7,5	80	M10	19	34.1	56.2	16.8	40	7.5	204
GN.21796	GN 3664-80-M10-50-4	80	M10	19	34.1	56.2	16.8	50	4	208
GN.21797	GN 3664-80-M10-50-5,5	80	M10	19	34.1	56.2	16.8	50	5.5	208
GN.21798	GN 3664-80-M10-50-7,5	80	M10	19	34.1	56.2	16.8	50	7.5	210
GN.21801	GN 3664-80-M10-63-4	80	M10	19	34.1	56.2	16.8	63	4	213
GN.21802	GN 3664-80-M10-63-5,5	80	M10	19	34.1	56.2	16.8	63	5.5	213
GN.21803	GN 3664-80-M10-63-7,5	80	M10	19	34.1	56.2	16.8	63	7.5	215
GN.21806	GN 3664-80-M12-25-4	80	M12	19	34.1	56.2	16.8	25	4	201
GN.21807	GN 3664-80-M12-25-5,5	80	M12	19	34.1	56.2	16.8	25	5.5	201
GN.21808	GN 3664-80-M12-25-7,5	80	M12	19	34.1	56.2	16.8	25	7.5	203
GN.21811	GN 3664-80-M12-32-4	80	M12	19	34.1	56.2	16.8	32	4	205
GN.21812	GN 3664-80-M12-32-5,5	80	M12	19	34.1	56.2	16.8	32	5.5	205
GN.21813	GN 3664-80-M12-32-7,5	80	M12	19	34.1	56.2	16.8	32	7.5	207
GN.21816	GN 3664-80-M12-40-4	80	M12	19	34.1	56.2	16.8	40	4	210
GN.21817	GN 3664-80-M12-40-5,5	80	M12	19	34.1	56.2	16.8	40	5.5	210
GN.21818	GN 3664-80-M12-40-7,5	80	M12	19	34.1	56.2	16.8	40	7.5	212
GN.21821	GN 3664-80-M12-50-4	80	M12	19	34.1	56.2	16.8	50	4	218
GN.21822	GN 3664-80-M12-50-5,5	80	M12	19	34.1	56.2	16.8	50	5.5	218
GN.21823	GN 3664-80-M12-50-7,5	80	M12	19	34.1	56.2	16.8	50	7.5	220
GN.21826	GN 3664-80-M12-63-4	80	M12	19	34.1	56.2	16.8	63	4	227
GN.21827	GN 3664-80-M12-63-5,5	80	M12	19	34.1	56.2	16.8	63	5.5	227
GN.21828	GN 3664-80-M12-63-7,5	80	M12	19	34.1	56.2	16.8	63	7.5	229