



SPECIFICATION

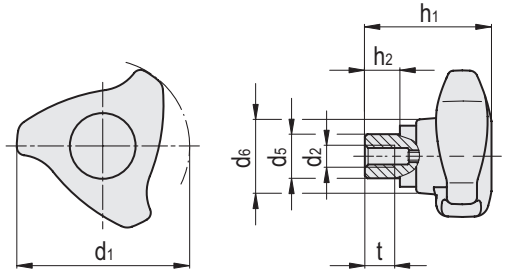
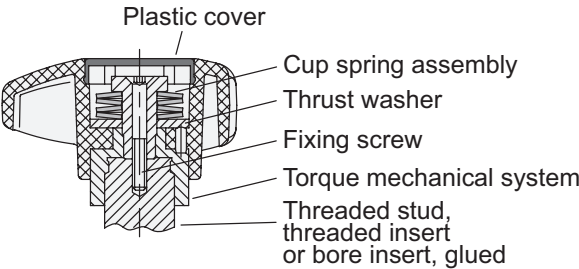
- Knob
SUPER-Technopolymer
glass fiber reinforced
black, matte
- Torque limiting mechanism
Steel, case-hardened
- Other parts
Steel, blackened
- Cover
Plastic light gray

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

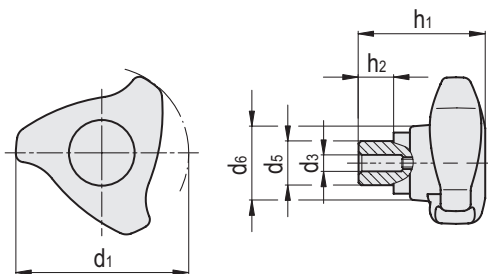
- Other dimensions of bore inserts or threaded inserts analog GN 3001 (see page).
- Other inserts with special threaded studs analog GN 306 (see page).
- Other torques.
- Torques limiting turning anti-clockwise or turning anti-clockwise and clockwise.



Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
50	1.95
63	2.48
80	3.12

GN 3664 (d2)

Code	Description	d1	d2	d5	d6	h1	h2	tmin	Tightening torque ±10% [Nm]	Δ
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

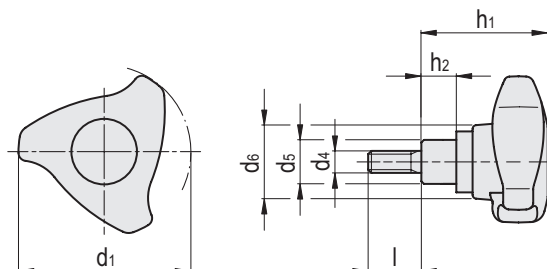


GN 3664 (d3)

METRIC

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

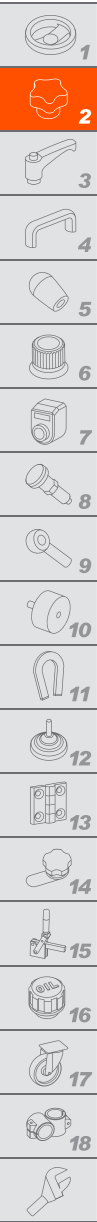
Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
50	1.95
63	2.48
80	3.12



GN 3664 (d4 - l)

METRIC

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

Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
50	1.95
63	2.48
80	3.12

GN 3664 (d4 - I)

METRIC

Code	Description	d1	d4	d5	d6	h1	h2	l	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