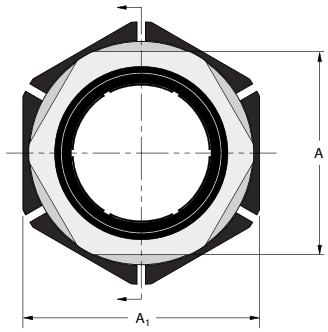
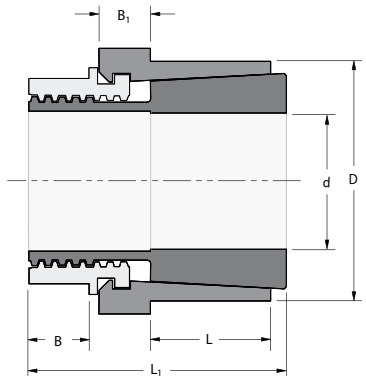
Trantorque® GT Inch





TOLERANCE (T_L)

T_L for shaft and bore is ± .003" for all sizes

Trantorque GT – Inch

Part Number				d (inch)	D (inch)	L (inch)	L_1 (inch)	Wrench Size		B (inch)	B_1 (inch)	M_a	Shipping Weight (lb)
Steel	Electroless Nickel Plated Steel	Thin Dense Chrome Coated Steel	Stainless Steel					A (inch)	A_1 (inch)			Install Torque (ft lb)	
6202120UP	6202120EN	6202120DC	6990120	5/8	1 1/2	3/4	1 1/2	1 1/4	1 1/2	5/16	5/16	100	0.5
6202140UP	6202140EN	6202140DC	6990140	11/16	1 1/2	3/4	1 1/2	1 1/4	1 1/2	5/16	5/16	100	0.5
6202160UP	6202160EN	6202160DC	6990160	3/4	1 1/2	3/4	1 1/2	1 1/4	1 1/2	5/16	5/16	100	0.5
6202190UP	6202190EN	6202190DC	6990190	13/16	1 3/4	7/8	1 7/8	1 1/2	1 3/4	7/16	3/8	125	0.7
6202200UP	6202200EN	6202200DC	6990200	7/8	1 3/4	7/8	1 7/8	1 1/2	1 3/4	7/16	3/8	125	0.7
6202220UP	6202220EN	6202220DC	6990220	15/16	1 3/4	7/8	1 7/8	1 1/2	1 3/4	7/16	3/8	125	0.7
6202240UP	6202240EN	6202240DC	6990240	1	1 3/4	7/8	1 7/8	1 1/2	1 3/4	7/16	3/8	125	0.7
6202270UP	6202270EN	6202270DC	6990270	1 1/16	2	1	2 1/4	1 3/4	2	1/2	9/16	167	1.1
6202280UP	6202280EN	6202280DC	6990280	1 1/8	2	1	2 1/4	1 3/4	2	1/2	9/16	167	1.1
6202300UP	6202300EN	6202300DC	6990300	1 3/16	2	1	2 1/4	1 3/4	2	1/2	9/16	167	1.1
6202320UP	6202320EN	6202320DC	6990320	1 1/4	2	1	2 1/4	1 3/4	2	1/2	9/16	167	1.1
6202350UP	6202350EN	6202350DC	6990350	1 5/16	2 3/8	1 1/2	2 3/4	2	2 3/8	9/16	1/2	192	1.1
6202360UP	6202360EN	6202360DC	6990360	1 3/8	2 3/8	1 1/2	2 3/4	2	2 3/8	9/16	1/2	192	1.9
6202380UP	6202380EN	6202380DC	6990380	1 7/16	2 3/8	1 1/2	2 3/4	2	2 3/8	9/16	1/2	192	1.8
6202400UP	6202400EN	6202400DC	6990400	1 1/2	2 3/8	1 1/2	2 3/4	2	2 3/8	9/16	1/2	192	1.8
6202430UP	6202430EN	6202430DC	6990430	1 9/16	2 5/8	1 11/16	3 1/8	2 1/4	2 5/8	9/16	11/16	234	2.5
6202440UP	6202440EN	6202440DC	6990440	1 5/8	2 5/8	1 11/16	3 1/8	2 1/4	2 5/8	9/16	11/16	234	2.4
6202460UP	6202460EN	6202460DC	6990460	1 11/16	2 5/8	1 11/16	3 1/8	2 1/4	2 5/8	9/16	11/16	234	2.4
6202480UP	6202480EN	6202480DC	6990480	1 3/4	2 5/8	1 11/16	3 1/8	2 1/4	2 5/8	9/16	11/16	234	2.3
6202510UP	6202510EN	6202510DC	6990510	1 13/16	2 7/8	2	3 9/16	2 1/2	2 7/8	5/8	3/4	409	3.5
6202520UP	6202520EN	6202520DC	6990520	1 7/8	2 7/8	2	3 9/16	2 1/2	2 7/8	5/8	3/4	409	3.4
6202540UP	6202540EN	6202540DC	6990540	1 15/16	2 7/8	2	3 9/16	2 1/2	2 7/8	5/8	3/4	409	3.3
6202560UP	6202560EN	6202560DC	6990560	2	2 7/8	2	3 9/16	2 1/2	2 7/8	5/8	3/4	409	3.2
6202562UP	6202562EN	6202562DC	6990562	2 1/16	3 1/8	2 1/8	3 3/4	2 3/4	3 1/8	5/8	13/16	442	3.8
6202564UP	6202564EN	6202564DC	6990564	2 1/8	3 1/8	2 1/8	3 3/4	2 3/4	3 1/8	5/8	13/16	442	4
6202566UP	6202566EN	6202566DC	6990566	2 3/16	3 1/8	2 1/8	3 3/4	2 3/4	3 1/8	5/8	13/16	442	3.8
6202568UP	6202568EN	6202568DC	6990568	2 1/4	3 1/8	2 1/8	3 3/4	2 3/4	3 1/8	5/8	13/16	442	3.7
6202570UP	6202570EN	6202570DC	6990570	2 5/16	3 3/8	2 1/4	3 7/8	3	3 3/8	11/16	3/4	467	4.4
6202572UP	6202572EN	6202572DC	6990572	2 3/8	3 3/8	2 1/4	3 7/8	3	3 3/8	11/16	3/4	467	4.5
6202574UP	6202574EN	6202574DC	6990574	2 7/16	3 3/8	2 1/4	3 7/8	3	3 3/8	11/16	3/4	467	4.4
6202576UP	6202576EN	6202576DC	6990576	2 1/2	3 3/8	2 1/4	3 7/8	3	3 3/8	11/16	3/4	467	4.2
6202580UP	6202580EN	6202580DC	6990580	2 9/16	3 5/8	2 3/8	4 1/16	3 1/4	3 5/8	11/16	13/16	500	5
6202582UP	6202582EN	6202582DC	6990582	2 5/8	3 5/8	2 3/8	4 1/16	3 1/4	3 5/8	11/16	13/16	500	5.1
6202584UP	6202584EN	6202584DC	6990584	2 11/16	3 5/8	2 3/8	4 1/16	3 1/4	3 5/8	11/16	13/16	500	5
6202586UP	6202586EN	6202586DC	6990586	2 3/4	3 5/8	2 3/8	4 1/16	3 1/4	3 5/8	11/16	13/16	500	5
6202590UP	6202590EN	6202590DC	6990590	2 13/16	3 7/8	2 1/2	4 1/4	3 1/2	3 7/8	3/4	13/16	550	6
6202592UP	6202592EN	6202592DC	6990592	2 7/8	3 7/8	2 1/2	4 1/4	3 1/2	3 7/8	3/4	13/16	550	6
6202594UP	6202594EN	6202594DC	6990594	2 15/16	3 7/8	2 1/2	4 1/4	3 1/2	3 7/8	3/4	13/16	550	6
6202596UP	6202596EN	6202596DC	6990596	3	3 7/8	2 1/2	4 1/4	3 1/2	3 7/8	3/4	13/16	550	5

Trantorque®
GT
Inch

Performance Data Table

d (inch)	M_t Maximum Transmitted Torque (ft lb)	Th Maximum Transmitted Thrust (lbs)	P_h* Hub Pressure (psi)
5/8	153	5857	13347
11/16	168	5857	13347
3/4	183	5857	13347
13/16	207	6110	9336
7/8	223	6110	9336
15/16	239	6110	9336
1	255	6110	9336
1 1/16	311	7014	8313
1 1/8	329	7014	8313
1 3/16	347	7014	8313
1 1/4	365	7014	8313
1 5/16	384	7019	4842
1 3/8	402	7019	4842
1 7/16	421	7019	4842
1 1/2	439	7019	4842
1 9/16	499	7663	4287
1 5/8	519	7663	4287
1 11/16	539	7663	4287
1 3/4	559	7663	4287
1 13/16	913	12085	5257
1 7/8	944	12085	5257
1 15/16	976	12085	5257
2	1007	12085	5257
2 1/16	1013	11793	4457
2 1/8	1044	11793	4457
2 3/16	1075	11793	4457
2 1/4	1106	11793	4457
2 5/16	1101	11430	3789
2 3/8	1131	11430	3789
2 7/16	1161	11430	3789
2 1/2	1191	11430	3789
2 9/16	1207	11306	3313
2 5/8	1237	11306	3313
2 11/16	1266	11306	3313
2 3/4	1295	11306	3313
2 13/16	1354	11555	3014
2 7/8	1384	11555	3014
2 15/16	1414	11555	3014
3	1444	11555	3014

MULTIPLIERS	
Steel	*1.0*
Electroless Nickel Plated Steel	*0.6*
Thin Dense Chrome Coated Steel	*1.1*
Stainless Steel	*0.3*

The data in the Performance Data Table is for a steel unit. To obtain data for other materials, use the multiplier provided.

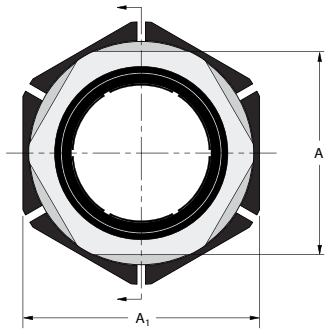
For example, you require a 2" (d) Electroless Nickel Plated Trantorque GT.

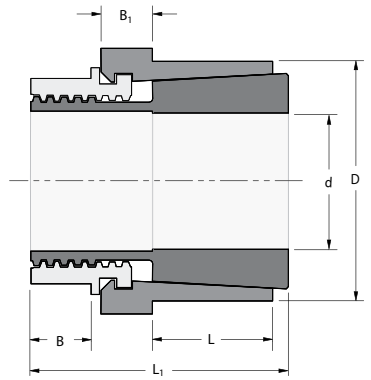
Find 2" (d) in Performance Data Table and use the multiplier of 0.6 for Electroless Nickel Plated Steel.

M_t : 1007 x 0.6 = 604
T_h : 12085 x 0.6 = 7251
**P_h : 5257 x 0.6 = 3154*

**IMPORTANT:*
After hub pressure (P_h) is determined, record D, L and Ph and refer to page 70 to calculate the minimum hub diameter.

Trantorque®
GT
Metric





TOLERANCE (T_L)

T_L for shaft and bore is ± .08mm for all sizes

Trantorque GT – Metric

Part Number				d (mm)	D (mm)	L (mm)	L_1 (mm)	Wrench Size		B (mm)	B_1 (mm)	M_a	Shipping Weight (kg)
Steel	Electroless Nickel Plated Steel	Thin Dense Chrome Coated Steel	Stainless Steel					A (mm)	A_1 (inch)			Install Torque (Nm)	
6202800UP	6202800EN	6202800DC	6990800	15	38.0	19.1	38.1	32	1 1/2	8.0	8.9	136	0.2
6202803UP	6202803EN	6202803DC	6990803	16	38.0	19.1	38.1	32	1 1/2	8.0	8.9	136	0.2
6202804UP	6202804EN	6202804DC	6990804	17	38.0	19.1	38.1	32	1 1/2	8.0	8.9	136	0.2
6202805UP	6202805EN	6202805DC	6990805	18	38.0	19.1	38.1	32	1 1/2	8.0	8.9	136	0.2
6202808UP	6202808EN	6202808DC	6990808	19	38.0	19.1	38.1	32	1 1/2	8.0	8.9	136	0.2
6202811UP	6202811EN	6202811DC	6990811	20	45.0	22.2	47.6	38	1 3/4	11.1	9.5	170	0.4
6202815UP	6202815EN	6202815DC	6990815	22	45.0	22.2	47.6	38	1 3/4	11.1	9.5	170	0.4
6202820UP	6202820EN	6202820DC	6990820	24	45.0	22.2	47.6	38	1 3/4	11.1	9.5	170	0.3
6202825UP	6202825EN	6202825DC	6990825	25	45.0	22.2	47.6	38	1 3/4	11.1	9.5	170	0.3
6202830UP	6202830EN	6202830DC	6990830	28	51.0	25.4	57.2	46	2	12.7	14.3	225	0.5
6202835UP	6202835EN	6202835DC	6990835	30	51.0	25.4	57.2	46	2	12.7	14.3	225	0.5
6202840UP	6202840EN	6202840DC	6990840	32	51.0	25.4	57.2	46	2	12.7	14.3	225	0.5
6202845UP	6202845EN	6202845DC	6990845	34	60.5	38.1	69.9	50	2 3/8	14.3	12.7	260	0.9
6202850UP	6202850EN	6202850DC	6990850	35	60.5	38.1	69.9	50	2 3/8	14.3	12.7	260	0.9
6202855UP	6202855EN	6202855DC	6990855	36	60.5	38.1	69.9	50	2 3/8	14.3	12.7	260	0.9
6202860UP	6202860EN	6202860DC	6990860	38	60.5	38.1	69.9	50	2 3/8	14.3	12.7	260	0.8
6202865UP	6202865EN	6202865DC	6990865	40	67.0	42.9	79.4	60	2 5/8	14.3	17.4	316	1.2
6202870UP	6202870EN	6202870DC	6990870	42	67.0	42.9	79.4	60	2 5/8	14.3	17.4	316	1.1
6202876UP	6202876EN	6202876DC	6990876	45	73.0	50.8	90.5	65	2 7/8	15.9	19.1	554	1.6
6202880UP	6202880EN	6202880DC	6990880	48	73.0	50.8	90.5	65	2 7/8	15.9	19.1	554	1.6
6202885UP	6202885EN	6202885DC	6990885	50	73.0	50.8	90.5	65	2 7/8	15.9	19.1	554	1.5
6202900UP	6202900EN	6202900DC	6990900	55	80.0	54.0	95.3	70	3 1/8	15.9	20.7	600	1.8
6202910UP	6202910EN	6202910DC	6990910	60	86.0	57.2	98.4	75	3 3/8	17.5	19.1	635	2
6202920UP	6202920EN	6202920DC	6990920	65	92.0	60.3	103.2	82	3 5/8	17.5	20.7	680	2
6202930UP	6202930EN	6202930DC	6990930	70	92.0	60.3	103.2	82	3 5/8	17.5	20.7	680	2
6202940UP	6202940EN	6202940DC	6990940	75	100.0	63.5	108.0	90	3 7/8	19.1	20.7	750	3

Trantorque® GT Metric

Performance Data Table

d (mm)	M_t Maximum Transmitted Torque (Nm)	Th Maximum Transmitted Thrust (kN)	P_h* Hub Pressure (N/mm^2)
15	196	26	93
16	209	26	93
17	222	26	93
18	235	26	93
19	248	26	93
20	273	27	64
22	300	27	64
24	327	27	64
25	341	27	64
28	434	31	57
30	465	31	57
32	496	31	57
34	530	31	33
35	546	31	33
36	561	31	33
38	592	31	33
40	679	34	29
42	713	34	29
45	1208	54	36
48	1289	54	36
50	1343	54	36
55	1444	53	31
60	1530	51	26
65	1640	50	23
70	1766	50	23
75	1939	52	21

MULTIPLIERS	
Steel	*1.0*
Electroless Nickel Plated Steel	*0.6*
Thin Dense Chrome Coated Steel	*1.1*
Stainless Steel	*0.3*

The data in the Performance Data Table is for a steel unit. To obtain data for other materials, use the multiplier provided.

For example, you require a 30mm (d) Electroless Nickel Plated Trantorque GT.

Find 30mm (d) in Performance Data Table and use the multiplier of 0.6 for Electroless Nickel Plated Steel.

M_t : 465 x 0.6 = 279
T_h : 31 x 0.6 = 19
**P_h : 57 x 0.6 = 34*

**IMPORTANT:*
After hub pressure (P_h) is determined, record D, L and Ph and refer to page 70 to calculate the minimum hub diameter.