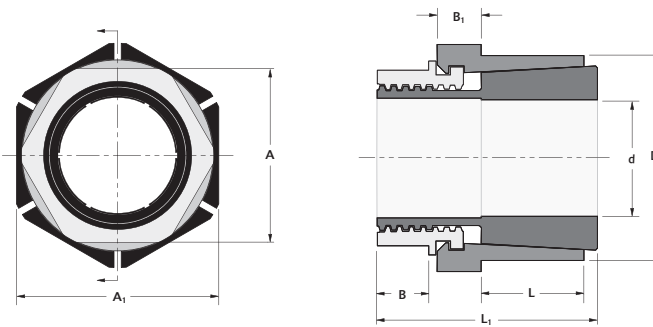


Power Transmission - Trantorque®

Trantorque®
GT
Inch



TOLERANCE (T_L)

T_L for shaft and bore is $\pm .003$ "
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 Install Torque (ft lb)	Shipping Weight (lb)
Steel	Electroless Nickel Plated Steel	Thin Dense Chrome Coated Steel	Stainless Steel					A (inch)	A ₁ (inch)				
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	T_h	P_h^*
	Maximum Transmitted		Hub Pressure (psi)
	Torque (ft lb)	Thrust (lbs)	
5/8	164	6282	14316
11/16	180	6282	14316
3/4	196	6282	14316
13/16	222	6554	10015
7/8	239	6554	10015
15/16	256	6554	10015
1	273	6554	10015
1 1/16	333	7524	8917
1 1/8	353	7524	8917
1 3/16	372	7524	8917
1 1/4	392	7524	8917
1 5/16	412	7529	5194
1 3/8	431	7529	5194
1 7/16	452	7529	5194
1 1/2	471	7529	5194
1 9/16	535	8219	4599
1 5/8	557	8219	4599
1 11/16	578	8219	4599
1 3/4	599	8219	4599
1 13/16	979	12963	5639
1 7/8	1013	12963	5639
1 15/16	1047	12963	5639
2	1080	12963	5639
2 1/16	1087	12650	4781
2 1/8	1120	12650	4781
2 3/16	1153	12650	4781
2 1/4	1186	12650	4781
2 5/16	1181	12260	4064
2 3/8	1213	12260	4064
2 7/16	1245	12260	4064
2 1/2	1277	12260	4064
2 9/16	1295	12127	3554
2 5/8	1326	12127	3554
2 11/16	1358	12127	3554
2 3/4	1390	12127	3554
2 13/16	1452	12394	3233
2 7/8	1485	12394	3233
2 15/16	1517	12394	3233
3	1549	12394	3233

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.

$$M_t: 1080 \times 0.6 = 648$$

$$T_h: 12963 \times 0.6 = 7778$$

$$*P_h: 5639 \times 0.6 = 3383$$

***IMPORTANT:**

After hub pressure (P_h) is determined, record D, L and P_h and refer to page 9 and 10 to calculate the minimum hub diameter.