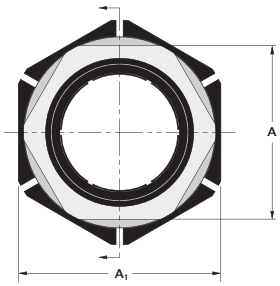
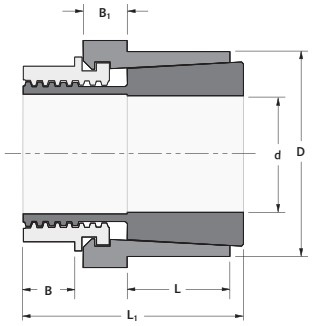
Trantorque

# GT

## Inch



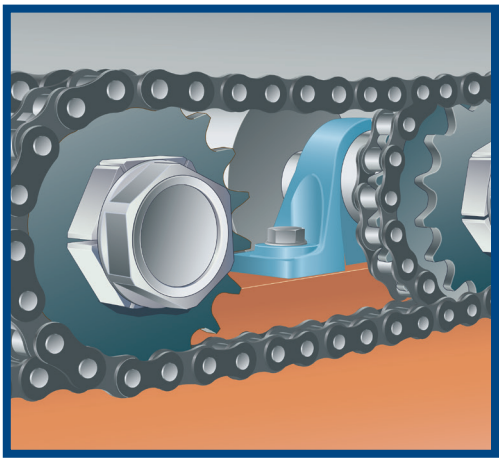

TOLERANCE ($T_L$)

$T_L$ 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 | 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 x 0.6 = 648
$T_h$ : 12963 x 0.6 = 7778
*$P_h$ : 5639 x 0.6 = 3383

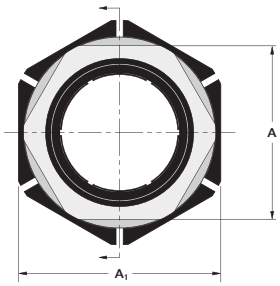
* IMPORTANT:
After hub pressure ($P_h$) is determined, record D, L and Ph and refer to page 9 and 10 to calculate the minimum hub diameter.

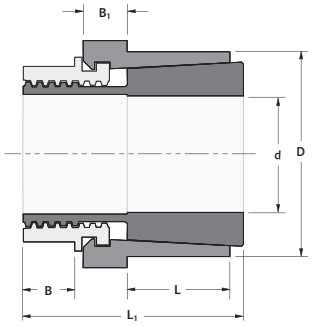
Please note not all catalog items shown are stock. Some products are make-to-order (MTO) based on annual demand. Please verify with your customer service representative for current availability of the item desired.

Trantorque

# GT

## Metric




TOLERANCE ($T_L$)

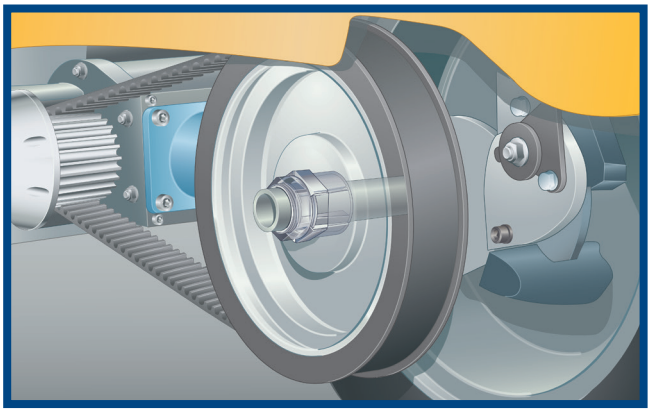
$T_L$ for shaft and bore is ± .08mm for all sizes

## 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 |

Please note not all catalog items shown are stock. Some products are make-to-order (MTO) based on annual demand. Please verify with your customer service representative for current availability of the item desired.

Trantorque
# GT
**Metric**



## Performance Data Table

| d (mm) | Mt Maximum Transmitted Torque (Nm) | Th Maximum Transmitted Thrust (kN) | Ph* Hub Pressure ($N/mm^2$) |
|---|---|---|---|
| 15 | 210 | 28 | 99 |
| 16 | 224 | 28 | 99 |
| 17 | 238 | 28 | 99 |
| 18 | 252 | 28 | 99 |
| 19 | 266 | 28 | 99 |
| 20 | 292 | 29 | 68 |
| 22 | 322 | 29 | 68 |
| 24 | 351 | 29 | 68 |
| 25 | 366 | 29 | 68 |
| 28 | 466 | 33 | 61 |
| 30 | 499 | 33 | 61 |
| 32 | 532 | 33 | 61 |
| 34 | 569 | 33 | 36 |
| 35 | 585 | 33 | 36 |
| 36 | 602 | 33 | 36 |
| 38 | 636 | 33 | 36 |
| 40 | 728 | 36 | 31 |
| 42 | 765 | 36 | 31 |
| 45 | 1296 | 58 | 39 |
| 48 | 1383 | 58 | 39 |
| 50 | 1440 | 58 | 39 |
| 55 | 1549 | 56 | 33 |
| 60 | 1641 | 55 | 28 |
| 65 | 1759 | 54 | 25 |
| 70 | 1894 | 54 | 25 |
| 75 | 2079 | 55 | 22 |

| 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.

$M_t$ : 499 x 0.6 = 266
$T_h$ : 33 x 0.6 = 20
*$P_h$ : 61 x 0.6 = 37

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