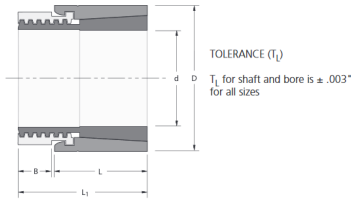
**Trantorque®**
# OE
## Metric




TOLERANCE ($T_L$)

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

## Trantorque OE – Metric

| Part Number | | | | d (mm) | D (mm) | L (mm) | $L_1$ (mm) | Wrench Size A (mm) | B (mm) | $M_a$† Install Torque (Nm) | Shipping Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Steel | Electroless Nickel Plated Steel | Thin Dense Chrome Coated Steel | Stainless Steel | | | | | | | | |
| TTQM1732 | TTQM1732EN | TTQM1732DC | TTQM1732SS | 17 | 32 | 22 | 29 | 30 | 6 | 110 | 0.1 |
| TTQM1832 | TTQM1832EN | TTQM1832DC | TTQM1832SS | 18 | 32 | 22 | 29 | 30 | 6 | 110 | 0.1 |
| TTQM1932 | TTQM1932EN | TTQM1932DC | TTQM1932SS | 19 | 32 | 22 | 29 | 30 | 6 | 110 | 0.1 |
| TTQM2035 | TTQM2035EN | TTQM2035DC | TTQM2035SS | 20 | 35 | 24 | 32 | 32 | 7 | 150 | 0.1 |
| TTQM2235 | TTQM2235EN | TTQM2235DC | TTQM2235SS | 22 | 35 | 24 | 32 | 32 | 7 | 150 | 0.1 |
| TTQM2438 | TTQM2438EN | TTQM2438DC | TTQM2438SS | 24 | 38 | 25 | 34 | 36 | 7 | 185 | 0.2 |
| TTQM2538 | TTQM2538EN | TTQM2538DC | TTQM2538SS | 25 | 38 | 25 | 34 | 36 | 7 | 185 | 0.2 |
| TTQM2845 | TTQM2845EN | TTQM2845DC | TTQM2845SS | 28 | 45 | 29 | 41 | 46 | 11 | 240 | 0.3 |
| TTQM3045 | TTQM3045EN | TTQM3045DC | TTQM3045SS | 30 | 45 | 29 | 41 | 46 | 11 | 240 | 0.3 |
| TTQM3250 | TTQM3250EN | TTQM3250DC | TTQM3250SS | 32 | 50 | 30 | 43 | 50 | 11 | 265 | 0.4 |
| TTQM3550 | TTQM3550EN | TTQM3550DC | TTQM3550SS | 35 | 50 | 30 | 43 | 50 | 11 | 265 | 0.3 |

## Performance Data Table

| d (mm) | $M_t$† Maximum Transmitted Torque (Nm) | Th Maximum Transmitted Thrust (kN) | $P_h$* Hub Pressure ($N/mm^2$) |
|---|---|---|---|
| 17 | 218 | 26 | 142 |
| 18 | 231 | 26 | 142 |
| 19 | 244 | 26 | 142 |
| 20 | 315 | 32 | 144 |
| 22 | 347 | 32 | 144 |
| 24 | 425 | 35 | 136 |
| 25 | 443 | 35 | 136 |
| 28 | 539 | 38 | 106 |
| 30 | 577 | 38 | 106 |
| 32 | 618 | 39 | 84 |
| 35 | 676 | 39 | 84 |

| *MULTIPLIERS* | |
|---|---|
| *Steel* | *1.0* |
| *Electroless Nickel Plated Steel* | *0.6* |
| *Thin Dense Chrome Coated Steel* | *0.9* |
| *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 20mm (d) Electroless Nickel Plated Trantorque OE.*

*Find 20mm (d) in Performance Data Table and use the multiplier of 0.6 for Electroless Nickel Plated Steel.*

*$M_t$ : 315 x 0.6 = 189*
*$T_h$ : 32 x 0.6 = 19*
**$P_h$ : 144 x 0.6 = 86*

**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.*

*† When installing Trantorque OE with an open-ended wrench, a reduction in installation torque by 50% is recommended. This will result in a Transmitted Torque ($M_t$) reduced by 50%.*