

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	B (mm)	M _a †	Shipping Weight (kg)
Steel	Electroless Nickel Plated Steel	Thin Dense Chrome Coated Steel	Stainless Steel					A (mm)		Install Torque (Nm)	
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 †	Th	P _h *
	Maximum Transmitted		Hub Pressure (N/mm ²)
	Torque (Nm)	Thrust (kN)	
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.

$$M_t: 315 \times 0.6 = 189$$

$$T_h: 32 \times 0.6 = 19$$

$$*P_h: 144 \times 0.6 = 86$$

*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.

† 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%.