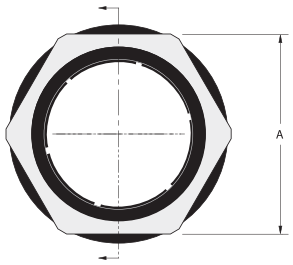
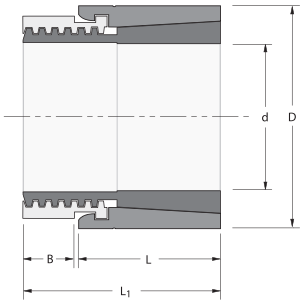
Trantorque® OE Inch





TOLERANCE (T_L)

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

Trantorque OE – Inch

Part Number				d (inch)	D (inch)	L (inch)	L_1 (inch)	Wrench Size A (inch)	B (inch)	M_a† Install Torque (ft lb)	Shipping Weight (lb)
Steel	Electroless Nickel Plated Steel	Thin Dense Chrome Coated Steel	Stainless Steel								
6410069	6410069EN	6410069DC	6410069SS	11/16	1 1/4	7/8	1 5/32	1 1/8	1/4	82	0.2
6410075	6410075EN	6410075DC	6410075SS	3/4	1 1/4	7/8	1 5/32	1 1/8	1/4	82	0.2
6410081	6410081EN	6410081DC	6410081SS	13/16	1 3/8	15/16	1 1/4	1 1/4	1/4	111	0.2
6410088	6410088EN	6410088DC	6410088SS	7/8	1 3/8	15/16	1 1/4	1 1/4	1/4	111	0.2
6410094	6410094EN	6410094DC	6410094SS	15/16	1 1/2	1	1 11/32	1 3/8	5/16	137	0.4
6410100	6410100EN	6410100DC	6410100SS	1	1 1/2	1	1 11/32	1 3/8	5/16	137	0.3
6410106	6410106EN	6410106DC	6410106SS	1 1/16	1 5/8	1 1/16	1 15/32	1 1/2	3/8	155	0.4
6410113	6410113EN	6410113DC	6410113SS	1 1/8	1 5/8	1 1/16	1 15/32	1 1/2	3/8	155	0.4
6410119	6410119EN	6410119DC	6410119SS	1 3/16	1 3/4	1 1/8	1 19/32	1 5/8	7/16	177	0.5
6410125	6410125EN	6410125DC	6410125SS	1 1/4	1 3/4	1 1/8	1 19/32	1 5/8	7/16	177	0.5
6410131	6410131EN	6410131DC	6410131SS	1 5/16	1 7/8	1 3/16	1 11/16	1 3/4	1/2	196	0.6
6410138	6410138EN	6410138DC	6410138SS	1 3/8	1 7/8	1 3/16	1 11/16	1 3/4	1/2	196	0.6
6410144	6410144EN	6410144DC	6410144SS	1 7/16	2	1 1/4	1 25/32	1 7/8	1/2	196	0.7
6410150	6410150EN	6410150DC	6410150SS	1 1/2	2	1 1/4	1 25/32	1 7/8	1/2	196	0.6

Performance Data Table

d (inch)	M_t† Maximum Transmitted Torque (ft lb)	Th Maximum Transmitted Thrust (lbs)	P_h* Hub Pressure (psi)
11/16	166	5805	20843
3/4	181	5805	20843
13/16	241	7113	21014
7/8	259	7113	21014
15/16	311	7963	19639
1	332	7963	19639
1 1/16	364	8224	17211
1 1/8	386	8224	17211
1 3/16	431	8712	15664
1 1/4	454	8712	15664
1 5/16	489	8938	14004
1 3/8	512	8938	14004
1 7/16	500	8336	11469
1 1/2	512	8336	11469

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 1" (d) Electroless Nickel Plated Trantorque OE.

Find 1" (d) in Performance Data Table and use the multiplier of 0.6 for Electroless Nickel Plated Steel.

M_t : 332 x 0.6 = 199
T_h : 7963 x 0.6 = 4778
**P_h : 19639 x 0.6 = 11783*

**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%.