



TORQUE MULTIPLIERS WITH HANDLES

Features

- Provides the operator with nut-turning power that requires only a fraction of the force required when using conventional tools.
- Input and output rotation is in the same direction.
- Reaction bar rotation is opposite to input direction and must rest securely against a rigid object to withstand the generated reaction force.
- By removing 4 screws, heads may be easily disassembled for inspection, cleaning and lubrication.

TORQUE MULTIPLIERS WITH HANDLES

Product Code	Max Output Ft. Lbs.	Multiplication Ratio*	Approx. Ft. Lbs. Rq'd for Max Output	Input Female Sq.	Output Male Sq.	Head Thickness Inc. Tang	Head Diam.	Oal. Lgth. Inc. Reaction Bar
TM-750LW	1000	3.6 to 1	275	1/2	3/4	3 3/32	3 1/2	22 1/2
TM-1000	2000	3.6 to 1	550	3/4	1	4 3/8	3 17/32	24
TM-1500	4000	3.9 to 1	1150	1	1 1/2	6 1/8	5 3/16	28 7/8
TM-2000	8000	4.6 to 1	1915	1	1 1/2	6 1/4	6 1/2	31
TM-2500	12000	5.4 to 1	2200	1	2 1/2	7 1/4	7 1/4	30

* Multipliers are mechanical devices which have frictional losses. A 10% factor was included in the multiplication ratio. For higher accuracy of multiplication ratio, output of unit should be checked on torque tester.



TORQUE MULTIPLIERS WITH PLANETARY-GEAR MECHANISM

Features

- Designed where high torques are necessary for fastening or breaking out stubborn fasteners.
- Allows operator safe and easy means of producing torque for job requirements.
- Precision planetary gear multiplies the operator's input from standard torque wrenches.
- Can also multiply the torque from air-driven (non-impact) wrenches.

TORQUE MULTIPLIERS WITH PLANETARY-GEAR MECHANISM

Product Code	Max Output Ft. Lbs.	Input Cap	Gear Ratio	Torque Ratio	Input Female Sq.	Output Sq. Size	Overall Length	Head Height Sq. to Top	Head Dia.
TM-290	750	227	4:1	3:1	1/2	3/4	8 1/2	3 1/4	2 13/16
TM-391	1200	200	6:3:1	6:0:1	1/2	3/4	19 39/64	4	3 13/16
TM-392	2200	162	15:0:1	13:6:1	1/2	1	19 39/64	5 3/4	4 1/16
TM-393	3200	173	20:25:1	18:5:1	1/2	1	19 39/64	6 1/2	4 1/16

