

# TORQUE TOOLS MULTIPLIERS

**Snap-on** INDUSTRIAL BRANDS



## 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	½	¾	3 ½	3 ½	22 ½
TM-1000	2000	3.6 to 1	550	¾	1	4 ¾	3 17/32	24
TM-1500	4000	3.9 to 1	1150	1	1 ½	6 ⅛	5 3/16	28 7/8
TM-2000	8000	4.6 to 1	1915	1	1 ½	6 ¼	6 ½	31
TM-2500	12000	5.4 to 1	2200	1	2 ½	7 ¼	7 ¼	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	3:3:1	½	¾	8 ½	3 ¼	2 13/16
TM-391	1200	200	6:3:1	6:0:1	½	¾	19 39/64	4	3 15/16
TM-392	2200	162	15:0:1	13:6:1	½	1	19 39/64	5 ¾	4 1/16
TM-393	3200	173	20:25:1	18:5:1	½	1	19 39/64	6 ½	4 1/16

