

# Torque Multipliers

## Series

### Features

- Capacities to 4000 ft.-lbs. or metric equivalent.
- Multipliers can be used in any unit of measure, depending on the wrench.
- Reaction bar keeps gear box from turning.
- Gear train within multiplier has natural frictional loss. For normal requirements, a loss factor of 10% to 20% may be used.

As noted above, there is frictional loss in output torque due to the gears. As a result of the frictional loss, we recommend our Exacta 2, (1% Indicated Value) or our M-Series Flat Beam wrenches (2% Indicated Value).

The frictional loss has a significant impact on torque accuracy when compared with using only a torque wrench. Using a more accurate torque wrench reduces the torque output variable.



Part No.	Model	Style	Max Torque	Input Drive Size	Output Drive Size	Gear Ratio	Overall Length:	Weight
850369	TM 1000	Low-ratio	1000 ft. lbs.	½"	¾"	4-1	26 in.	12 lbs.
850367	TM 2000	Low-ratio	2000 ft. lbs.	¾"	1"	4-1	26 in.	14 lbs.
850368	TM 4000	Low-ratio	4000 ft. lbs.	1"	1½"	4.33:1	30½ in.	35 lbs.

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