

| Model     | Item # | Torque Ranges    |                    | Graduation |         | Square Drive |
|-----------|--------|------------------|--------------------|------------|---------|--------------|
|           |        | American         | S.I.               | American   | S.I.    |              |
| EPT250i-D | 280033 | 50 - 250 lbf.in  | 6.2 - 28.8 N.m     | 1 lbf.in   | 0.1 N.m | 1/4"         |
| EPT250i-A | 280034 | 50 - 250 lbf.in  | 6.2 - 28.8 N.m     | 1 lbf.in   | 0.1 N.m | 3/8"         |
| EPT75F    | 280035 | 15 - 75 lbf.ft   | 23.7 - 105.1 N.m   | 0.5 lbf.ft | 0.5 N.m | 3/8"         |
| EPT150F   | 280036 | 10 - 150 lbf.ft  | 20.3 - 210.1 N.m   | 1 lbf.in   | 1 N.m   | 1/2"         |
| EPT250F   | 280037 | 30 - 250 lbf.ft  | 47.4 - 345.7 N.m   | 2 lbf.ft   | 2 N.m   | 1/2"         |
| EPT400F   | 280038 | 80 - 400 lbf.ft  | 142.3 - 559.2 N.m  | 2.5 lbf.ft | 2.5 N.m | 3/4"         |
| EPT550F   | 280039 | 110 - 550 lbf.ft | 183 - 779.5 N.m    | 2.5 lbf.ft | 5 N.m   | 3/4"         |
| EPT750F   | 280040 | 150 - 750 lbf.ft | 237.2 - 1050.6 N.m | 5 lbf.ft   | 5 N.m   | 1"           |

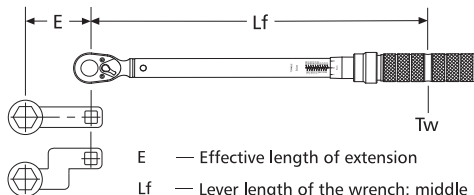
| Model     | Item # | Graduation | Length (mm) | Width (mm) | Lf (mm) |
|-----------|--------|------------|-------------|------------|---------|
| EPT250i-D | 280033 | 1 lbf.in   | 245         | 27.3       | 195.2   |
| EPT250i-A | 280034 | 1 lbf.in   | 245         | 27.3       | 195.2   |
| EPT75F    | 280035 | 0.5 lbf.ft | 410         | 36.4       | 329.5   |
| EPT150F   | 280036 | 1 lbf.ft   | 520         | 41         | 435     |
| EPT250F   | 280037 | 2 lbf.ft   | 610         | 41         | 525     |
| EPT400F   | 280038 | 2.5 lbf.ft | 1012        | 58         | 918.8   |
| EPT550F   | 280039 | 2.5 lbf.ft | 1125        | 58         | 1031.8  |
| EPT750F   | 280040 | 5 lbf.ft   | 1225        | 67         | 1127.6  |

## Calibration & Maintenance

Torque wrenches go out of calibration with use. A wrench must be properly calibrated and maintained on a preventative maintenance and calibration schedule. In order to maintain accuracy, it is crucial that a wrench be calibrated regularly using a torque tester.

## Calculations For Torque Wrench Extensions

When using extensions, the torque applied to the nut is greater than the setting. To ensure that the correct torque is applied when using extensions, keep the extension "in-line" with the axis of the wrench (as shown in diagram). To calculate the increase, use the formula below:



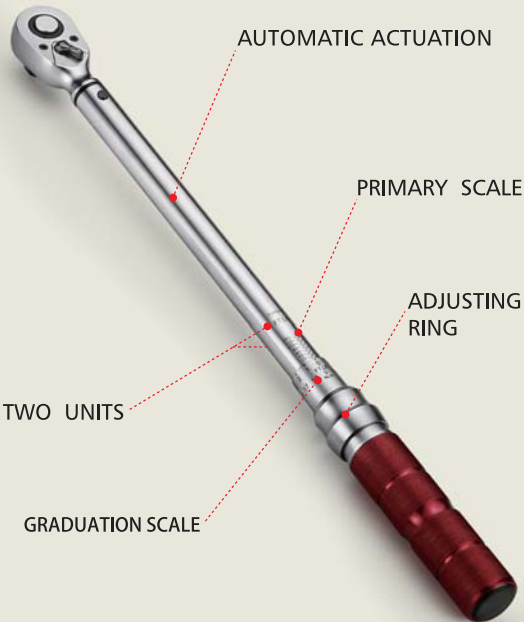
- E — Effective length of extension
- Lf — Lever length of the wrench: middle of handle to center of square drive
- Tw — Torque setting on the wrench
- Ta — Torque applied by the extension to the fastener

$$Tw \text{ (Torque Setting)} = Ta \times \frac{Lf}{Lf+E}$$

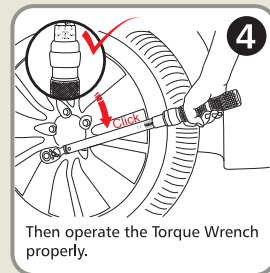
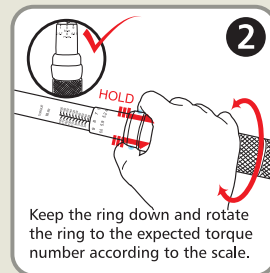
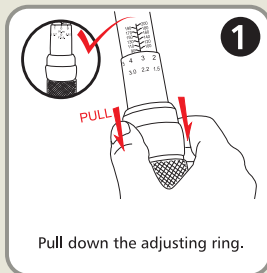


FOR INDUSTRIAL ASSEMBLY

# EPT TORQUE WRENCH

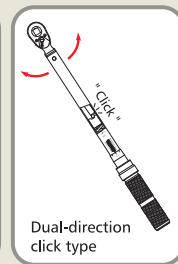
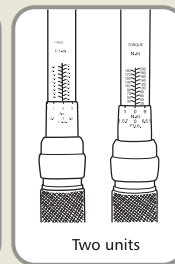
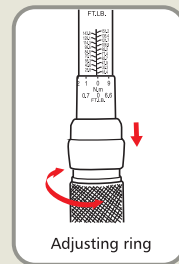


## OPERATION MANUAL



## TIPS FOR EPT TORQUE WRENCH

### FEATURES



### NOTE

