



KELTEK

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Instructions for Use of Keltek Heavy Duty Breakover Preset Torque Wrenches (8 and 12 inch long, 1-inch diameter handles with knurled grip)

This wrench is designed to allow a gentle breakover at the preset torque. During this breakover, the wrench handle will pivot 17 degrees around the pivot point without exceeding the preset torque. This design eliminates torque overshoot, which can happen with sudden breakover (click type) mechanisms, by allowing the user time to release the pressure on the handle.

If wrench is used infrequently, breakover mechanism should be worked several times on a test fitting before the wrench is used in its application.

- 1) Place wrench on fitting to be tightened.
- 2) Place hand over knurled portion such that pressure will be applied directly at the midpoint of the knurl and at 90 degrees to the handle. This positioning ensures that the distance between the applied force and the tool turning center will be the same as when the tool was calibrated
- 3) Apply steady, slow pressure (do not exceed one inch pound per second when approaching the torque setting).
- 4) Release pressure when the pivoting motion is felt.
- 5) A torque wrench is an instrument. Treat it with care.

WARNING!

- 1) User should maintain a balanced stance while using torque wrench.
- 2) Torque wrench should not be used near moving machinery, sharp objects, exposed voltage sources, or anywhere that unexpected movement could cause injury.
- 3) Torque wrench should not be torqued beyond factory setting.

