

Marking Preset Torque Wrenches

Ink & Punch Style

Belknep's Marking Preset Torque Wrenches are designed for FINAL TORQUE VERIFICATION only, and are not intended to be used for torquing down the fastener. They will leave a positive mark (ink or indentation) for torque verification, so that a simple visual inspection is all that is needed to confirm that torque has been applied. THEY WILL NOT MARK ACCIDENTALLY.

EACH APPLICATION IS UNIQUE, therefore, in order for us to quote accurately, we'll need the following information:

- 1.) Target torque requirement
- 2.) Size and type of fastener
- 3.) Picture(s) of the application
- 4.) Sample of the fastener (helpful, but not always required.)

INK MARKING

- Accuracy is $\pm 4\%$.
- Marks in CW direction only.
- Manually operated.
- Includes (2) non-coagulating ink cartridges.
- Available ink colors:
Red, Blue, Yellow, Green and White.
- Felt tip left uncovered after long periods of time may require minimal priming.
- Approximate ink cartridge cycles is 350-400 (operator/application dependent.)
- Ink is also available by the quart.
- Cannot mark any type of screws (but may be able to mark an adjacent area.)

Hex Size A.T.F. (Across The Flats) and Torque Limitations

TOP Ink Style

Minimum Hex Size: 1/2" or 12mm
Torque Range:* 4-135 Ft.Lbs.
5.4-183 Nm

SIDE Ink Style

Minimum Hex Size: 9/16" or 14mm.
Torque Range:* 5-135 Ft.Lbs.
6.8-183 Nm

PUNCH MARKING

- Accuracy is $\pm 4\%$.
- Torques in CW direction only.
- Requires 90 psi standard, non-lubricated shop air.
- Replaceable striking pin will eventually become a bit dull, but can easily be resharpened on a belt sander.
- Approximate striking pin cycles are application dependent. In our lab tests, we obtained a minimum of 300 punches before resharpening and 10 resharpenings before replacing.
- Cannot mark any type of screws (but may be able to mark an adjacent area.)

Hex Size A.T.F. (Across The Flats) and Torque Limitations

TOP Punch Style

Minimum Hex Size: 7/16" or 11mm
Torque Range:* 4-150 Ft.Lbs.
5.4-203.4 Nm

SIDE Punch Style

Minimum Hex Size: 9/16" or 14mm
Torque Range:* 5-150 Ft.Lbs.
6.8-183 Nm

* **NOTE:** Please check your requirements with us, as torque output capacity will be limited by the socket size or the opening size of the head.