

cleanskin CLIK

RATCHETING 1/4" TORQUE WRENCH 2-24Nm

OPERATION MANUAL

SAFETY MESSAGE



WARNING



Read operation manual completely before using torque instrument and store for future reference.



Wear safety goggles-both user and bystanders



- An out of calibration torque wrench can cause part or tool breakage
- Periodic re-calibration is necessary to maintain accuracy
- Do not exceed rated torque as overtorquing can cause wrench or part failure
- Do not use torque instrument to break fasteners loose



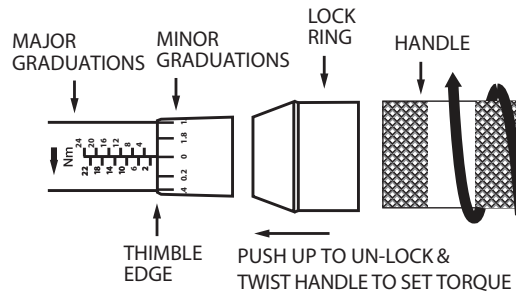
- Do not use extension on the handle to apply torque
- Broken or slipping tools can cause injury.



CAUTION - RATCHET HEAD

Ratchet mechanism may slip or break if dirty, mismatched or worn parts are used, or direction lever is not fully engaged. Ratchets that slip or break can cause injury.

ADJUSTMENT OF TORQUE SETTINGS



A. To unlock handle hold tube and push lock ring up allowing handle to turn CW or CCW.

B. Set wrench to desired torque as follows:
EXAMPLE - 6 Nm

1. Line up thimble edge with the "6" graduation cross line and zero with vertical line. Wrench is now set at 6 Nm. (See Figure I)
2. Turn handle and set thimble graduation to "1" on vertical line. Wrench is now set at 7 Nm. (See Figure II)

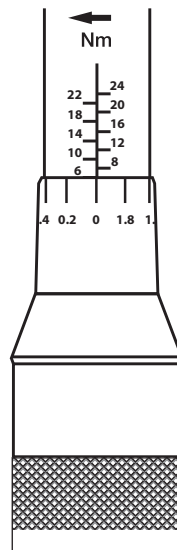


Figure I
Set to 6Nm

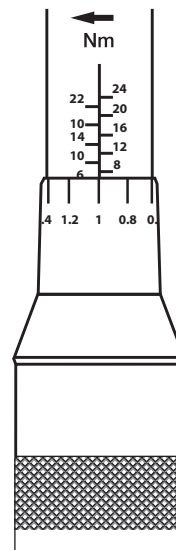
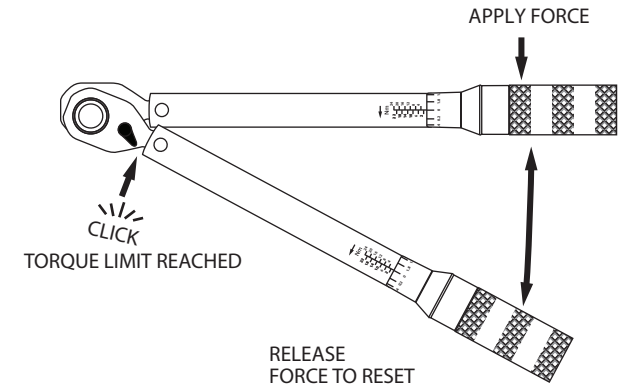


Figure II
Set to 7Nm

3. Lock handle by releasing lock-ring until it clicks and handle doesn't turn.
4. To torque fastener, keep hand centered on the grip handle. Apply a slow steady force in the desired direction until a click/impulse is heard or felt. Stop pulling and allow the wrench to reset.



CONVERSIONS

1 ft.-lb. =	1 in.-lb. =	1 Nm =
0.138 m-kg	0.0833 ft.-lb.	0.737 ft.-lb.
12.0 in.-lb.	0.113 Nm	8.85 in.-lb.
1.35 Nm	0.0115 m-kg	0.102 m-kg
13.8 cm-kg	1.15 cm-kg	10.2 cm-kg

MAINTENANCE / SERVICE

1. The torque wrench's internal mechanism is permanently lubricated during assembly. Do not attempt to lubricate the internal mechanism.
2. Clean torque wrench by wiping. Do not immerse.
3. Store torque wrench in protective tube at its lowest torque setting. Do not force handle below lowest setting.
4. If wrench has not been used for a long period of time, operate it several times at a low torque setting. This will allow internal lubricant to recoat moving parts.