TECHNICAL DETAILS

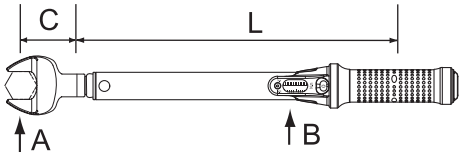
- Range: 20~200 Nm (10-150 lbf-ft)
- Resolution: 1 Nm
- Tolerance: ± 4%
- Length: 500mm (19.7”)
- Weight: 1,15Kg (40.6oz)
- Automatic quick-release, audible and palpable click, when selected torque is reached.
- Right-handed (CW)

EXTENSIONS & ADAPTERS

When using an extension or adapter (increasing the effective length of the torque wrench) the output torque value will change. To calculate the new torque output of the wrench use the following formula:

$$A = \frac{L + C}{L} \times B$$

A = Torque exterted at end of adapter
L = Distance between square drive and hand position
B = Wrench scale reading
C = Length of adapter or extension



A number of variables will affect the accuracy of the above calculation: length of the adapter or extension, length of the wrench and variations in hand position.

CALIBRATION

Each torque wrench is calibrated according to DIN ISO 6789 & ASME B107.300-2010 standards and is certfied to meet the accuracy specifications as outlined in DIN ISO 6789 and ASME B107.300-2010 standards.

TIPS

- During calibration, always look straight at and level with the graduated torque scale to avoid calibration errors.

CONVERSION CHART

CONVERT FROM	TO	MULTIPLY BY
Lbf-ft	Nm	1.356
Nm	Lbf-ft	0.73756

03.60.0354

TORQUE SUGGESTED*

TYPE OF CHUCK/COLLET	Nm	Lbf-ft
ER16	57 Nm	42 Lbf-ft
ER20	80 Nm	59 Lbf-ft
ER25	104 Nm	77 Lbf-ft
ER32	135 Nm	100 Lbf-ft
ER40	176 Nm	130 Lbf-ft
EOC25	122 Nm	90 Lbf-ft

Imported by CMT

*** Suggested tightening torque for CMT Chuck/Collet**

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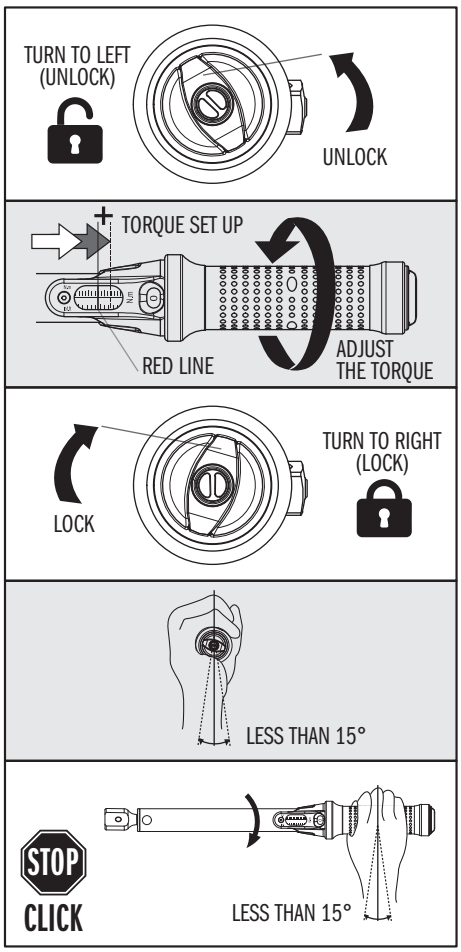
CMT ORANGE TOOLS®

TW-200
TORQUE WRENCH

OPERATION



SAFETY INSTRUCTIONS

WARNING

- TORQUE WRENCH MAY ONLY BE USED FOR THE CONTROLLED TIGHTENING OF SCREWS AND NUTS.
- THE TORQUE WRENCH IS A MEASURING/TESTING INSTRUMENT AND MUST NEVER BE USED TO LOOSEN SCREW CONNECTIONS.
- FUNCTION DIRECTION: THE TORQUE WRENCH CAN ONLY BE OPERATED CLOCKWISE TO CHECK THE TORQUE (ACCORDING TO THE MARKING ON THE TORQUE WRENCH).
- USE OF DAMAGED TORQUE WRENCH, SOCKETS, EXTENSIONS AND ACCESSORIES MAY RESULT IN INJURY.
- DO NOT USE TORQUE WRENCH AS A HAMMER OR AS A LEVER BAR.
- NEVER USE TORQUE WRENCH TO BREAK LOOSE FASTENERS.
- TORQUE WRENCHES THAT ARE NOT PROPERLY CALIBRATED MAY CAUSE DAMAGE TO PARTS OR TOOLS.
- OVER TIGHTENING OF FASTENERS MAY RESULT IN BREAKAGE.
- DO NOT USE EXTENSIONS ON HANDLE AS DAMAGE TO TORQUE WRENCH WILL RESULT.

ALWAYS USE EYE PROTECTION WHILE USING HAND TOOLS.

INJURY MAY RESULT FROM ELECTRICAL SHOCK

- HANDLE IS NOT INSULATED, DO NOT USE ON LIVE ELECTRICAL OR HIGH VOLTAGE CIRCUITS.

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CARE AND MAINTENANCE

1. The torque wrench is a precision instrument and must be stored with care.
2. The torque wrench must be stored in its protective case and in a clean and dry environment. Keep away from humidity and dirt.
3. The torque wrench is lubricated for its entire lifespan and should not be oiled. The only exception is the ratchet head which can be lubricated as needed for smooth operation.
4. The torque wrench is a precision measuring instrument. Calibration must be performed by the owner regularly to ensure accuracy. Suggested timeframe for calibration is at least every 12 months or even shorter depending on use and individual situations. Please seek assistance from qualified professionals.
5. The calibration of the torque wrench may only be carried out by an authorized laboratory or workshop.
6. Never disassemble the torque wrench by yourself. If the torque wrench requires disassembly or repair, please seek assistance from qualified professionals. Incorrect action taken to disassemble the torque wrench may result in serious damage or injury.
7. Set the torque value to the lowest scale value after use.