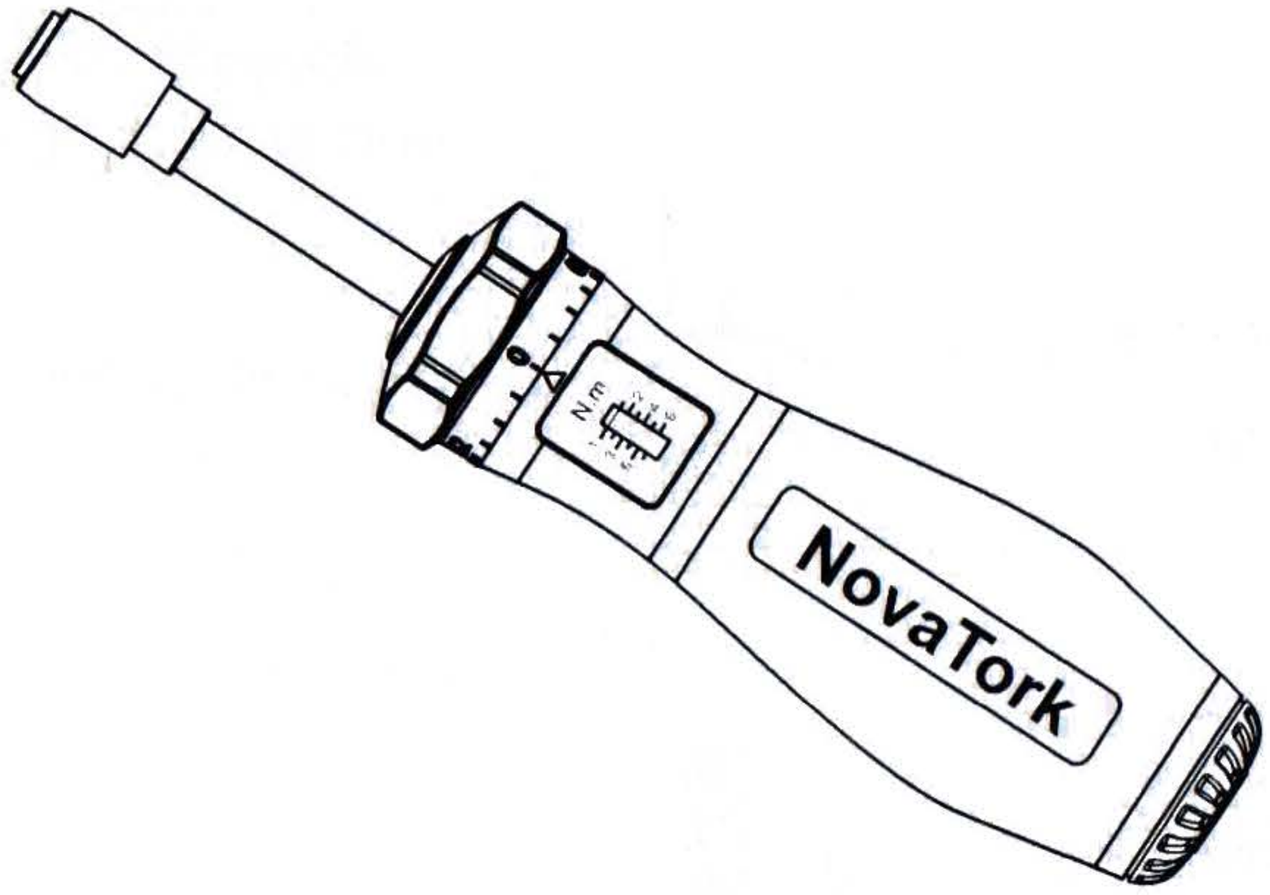
NovaTork®

INSTRUCTIONS

Mechanical Torque Screwdriver

Model: MS, MSM



Shanghai UB Machinery Co., Ltd.

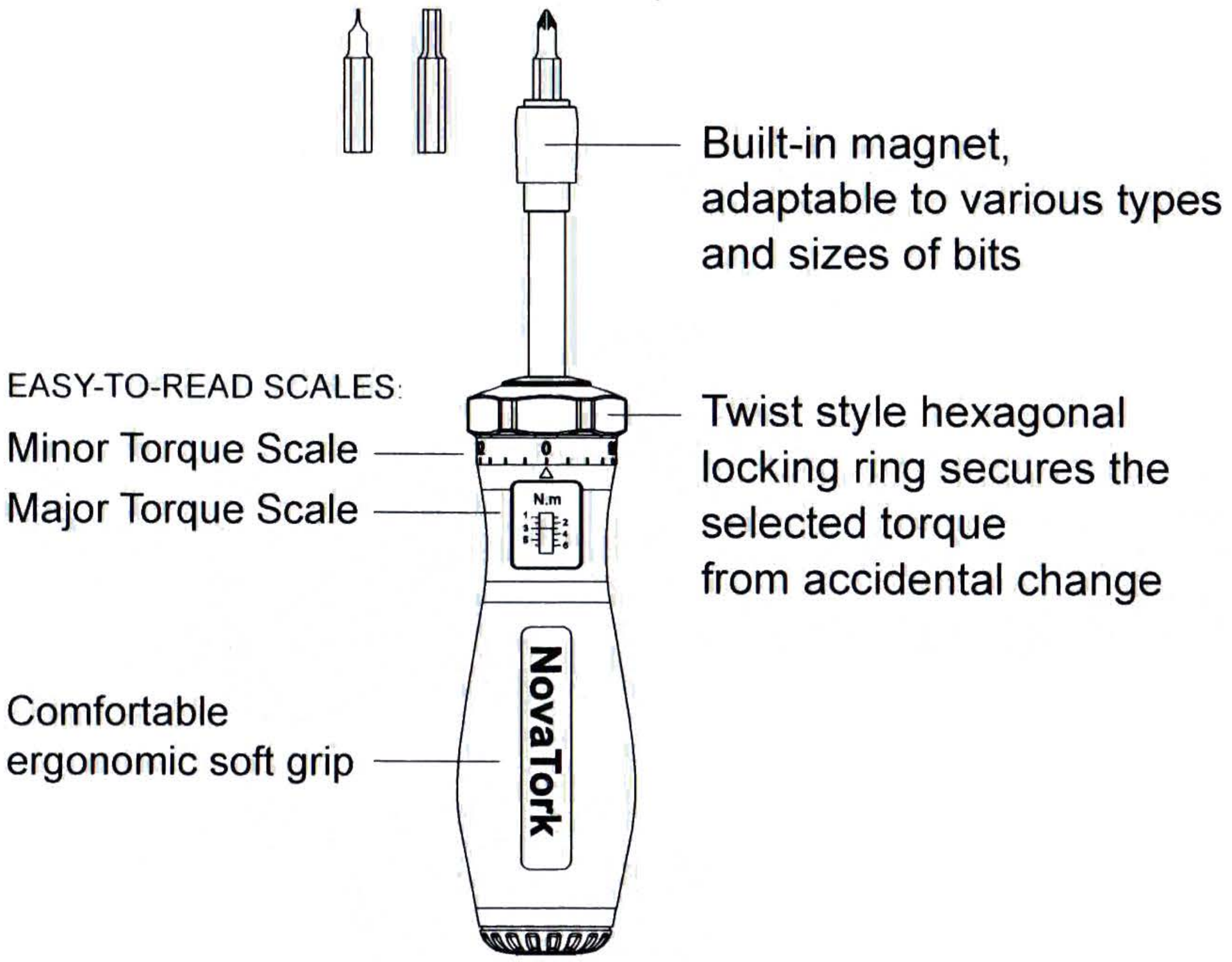
I Overview

- This torque screwdriver is a precision instrument intended to be used only to tighten small screws, bolts and nuts to a desired torque. Do not use it in lieu of a regular screwdriver.
- Accuracy: ±6%, complies with the Standards:

  GB/T 15729-2008;

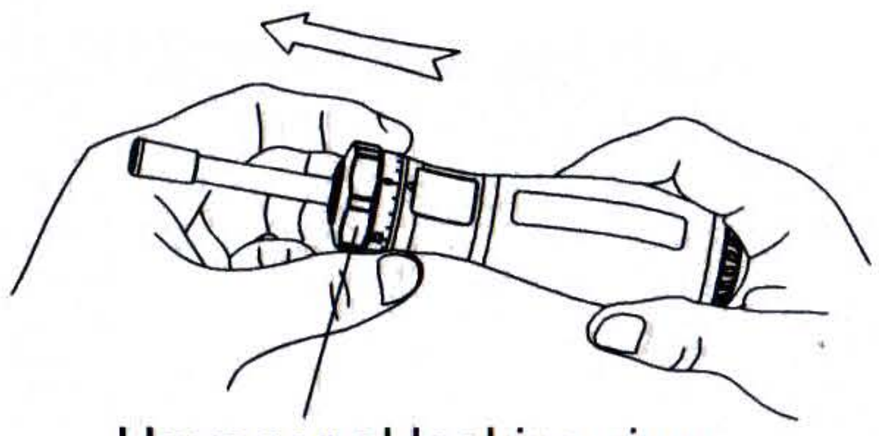
  ISO 6789-2017;

  ASME B107.14-2010



II How to Operate

1. Unlock: Pull out the hexagonal locking ring in the direction shown to unlock.

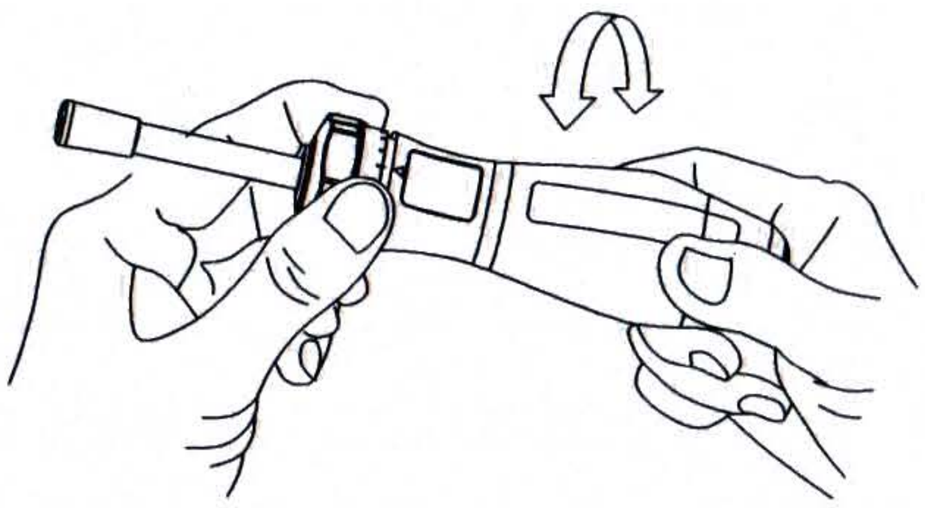


Hexagonal locking ring

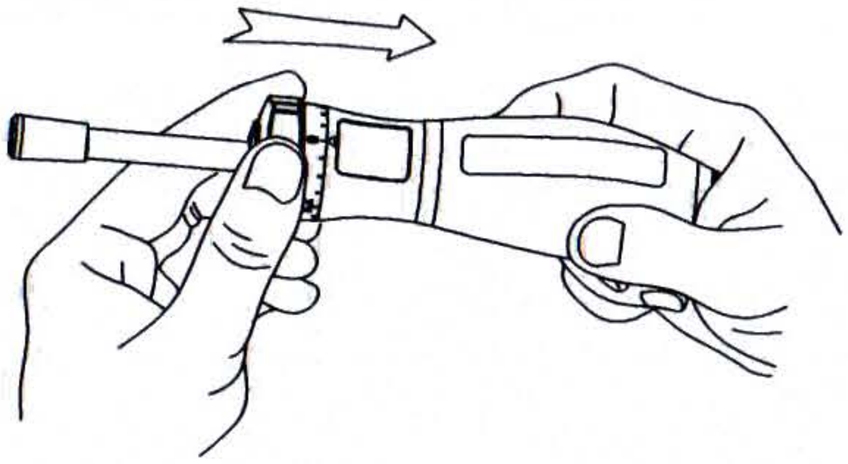
2. Adjust the torque: Hold the locking ring by one hand, and turn the grip by another hand to adjust torque.

Turn clockwise to increase torque, turn counterclockwise to decrease torque.

The reading on major scale plus the reading on the minor scale is the set torque value.



3. Lock: Push back the hexagonal locking ring to lock the torque setting.



4. Operate: The axis of the screw must be consistent with the screw-in direction. The screw-in force must be evenly applied.

When a "Click" sound is heard, the torque has reached the set value, and the force should be stopped.



(The default torque value is calibrated in a clockwise direction. If you need to use the torque counterclockwise, please specify when ordering)

5. When the set torque value is relatively large:

You can insert a T-bar with 1/4" square drive into the 1/4" square hole at the end to tighten, and you should stop applying force when you hear a " click" sound.



III Warnings

1. Torque screwdrivers cannot be used as general tools for knocking, prying, etc., otherwise the internal parts will be damaged and accuracy will be affected.

2. Apply load to the grip only, and do not use any power drivers. Any such misuse will result in inaccurate readings, and it may damage the screwdriver.

3. Do not disassemble the screwdriver for any reason. Highly stressed internal components may cause severe injury when released in an unintended manner, and the calibration will be lost.

4. It is recommended to use alcohol to clean the surface. Do not use other solvents. Inappropriate solvents may cause damage to the surface.

5. The screwdriver should be re-calibrated periodically. The calibration of the screwdriver should be checked at least once a year, after any abnormal handling or overloading, or after 5,000 releases.