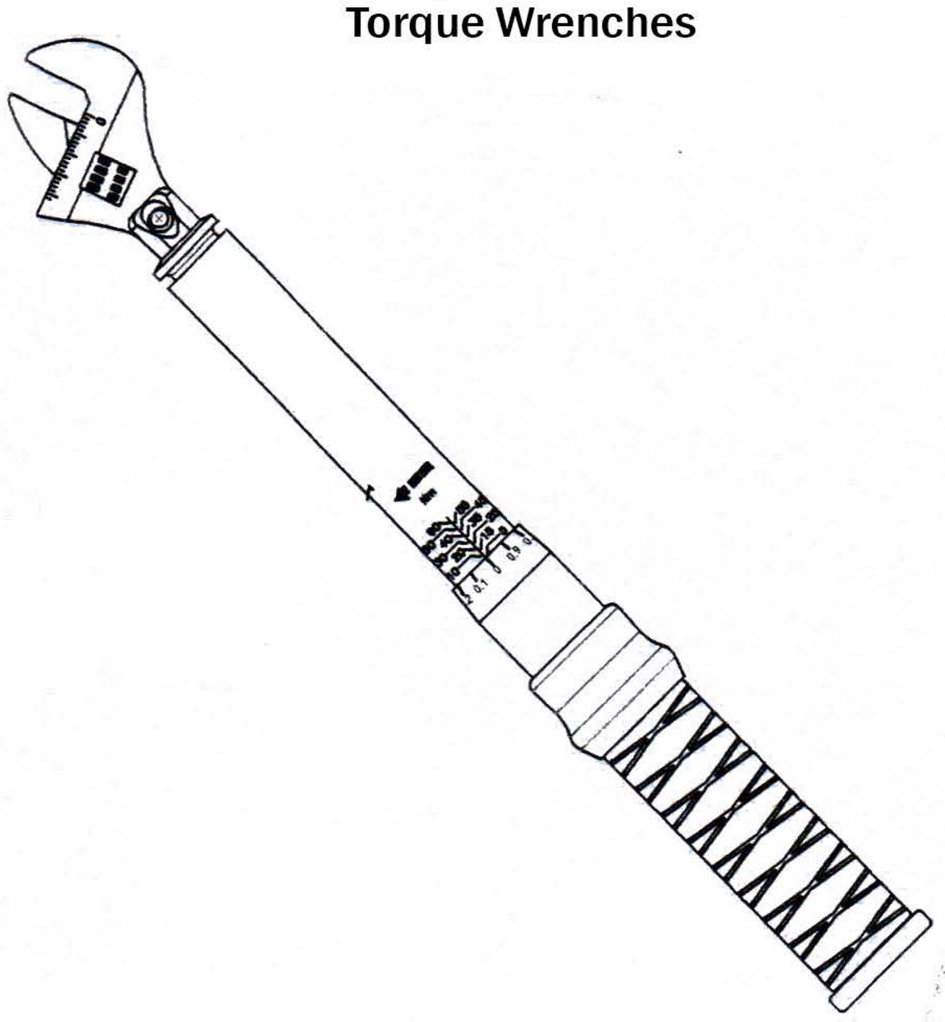
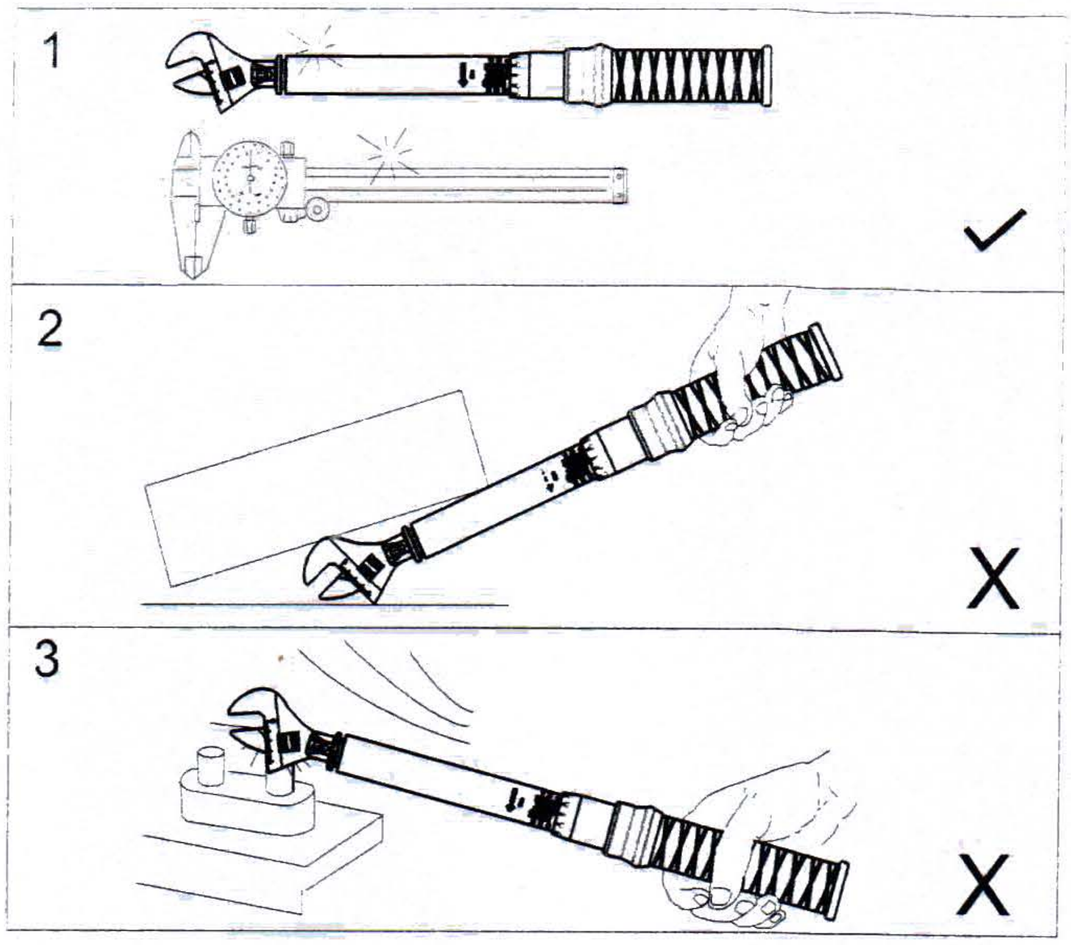
NovaTork®
INSTRUCTIONS

Monkey Spanner Head
Torque Wrenches



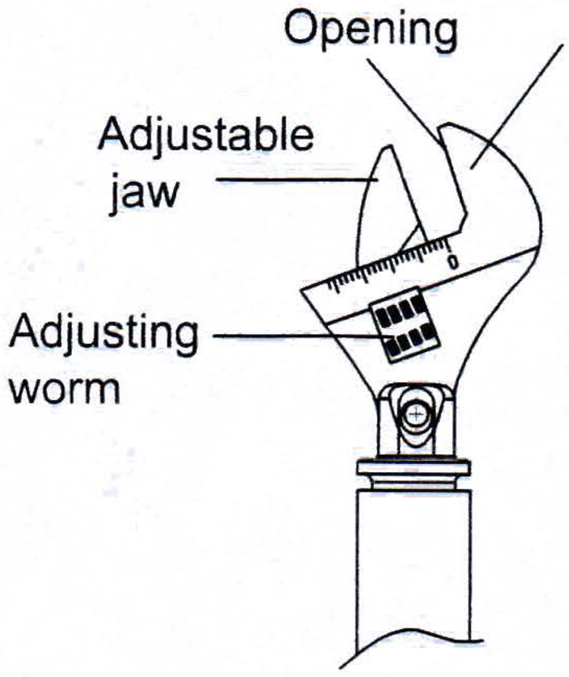
READ BEFORE YOU USE



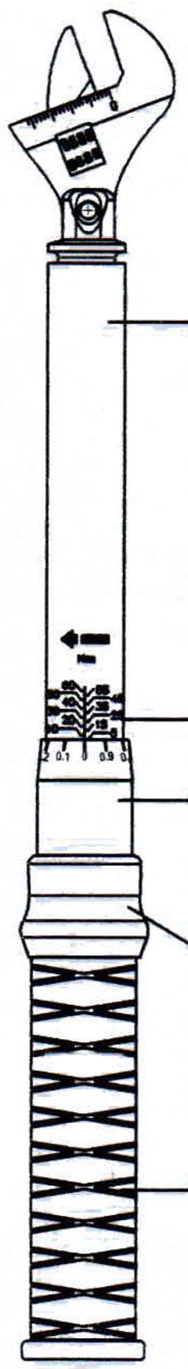
1.HB monkey spanner head torque wrench is a precision instrument intended to be used only to tighten screws, bolts and nuts to a desired torque.
2. Do not use it as a "nut breaker", pry bar, hammer, or in lieu of a regular ratchet wrench.
3.Do not apply torque in excess of the maximum capacity of the wrench. Apply load on the grip only, and do not use any handle extension bars (a piece of pipe put over the grip).

4. Make sure that you adjust the wrench to the exact torque units your specifications call for, or you will severely under-torque or over-torque, causing severe damage to the equipment you are working on.
5. Do not disassemble the wrench for any reason. Highly stressed internal components may cause severe injury when released in an unintended manner.
6. The wrench should be re-calibrated periodically. The calibration of the wrench should be checked at least once a year, after any abnormal handling or overloading, or after 5,000 cycles ("clicks").

Head types



Rotate the adjusting worm,open or close the adjustable jaw,can adjust the opening size of the jaws at any time.



HB monkey spanner head torque wrench indicates when the preset torque has been reached by releasing for a few degree of free travel, which is usually accompanied by an audible "click" signal.

Hardened alloy steel housing

EASY TO READ SCALES:

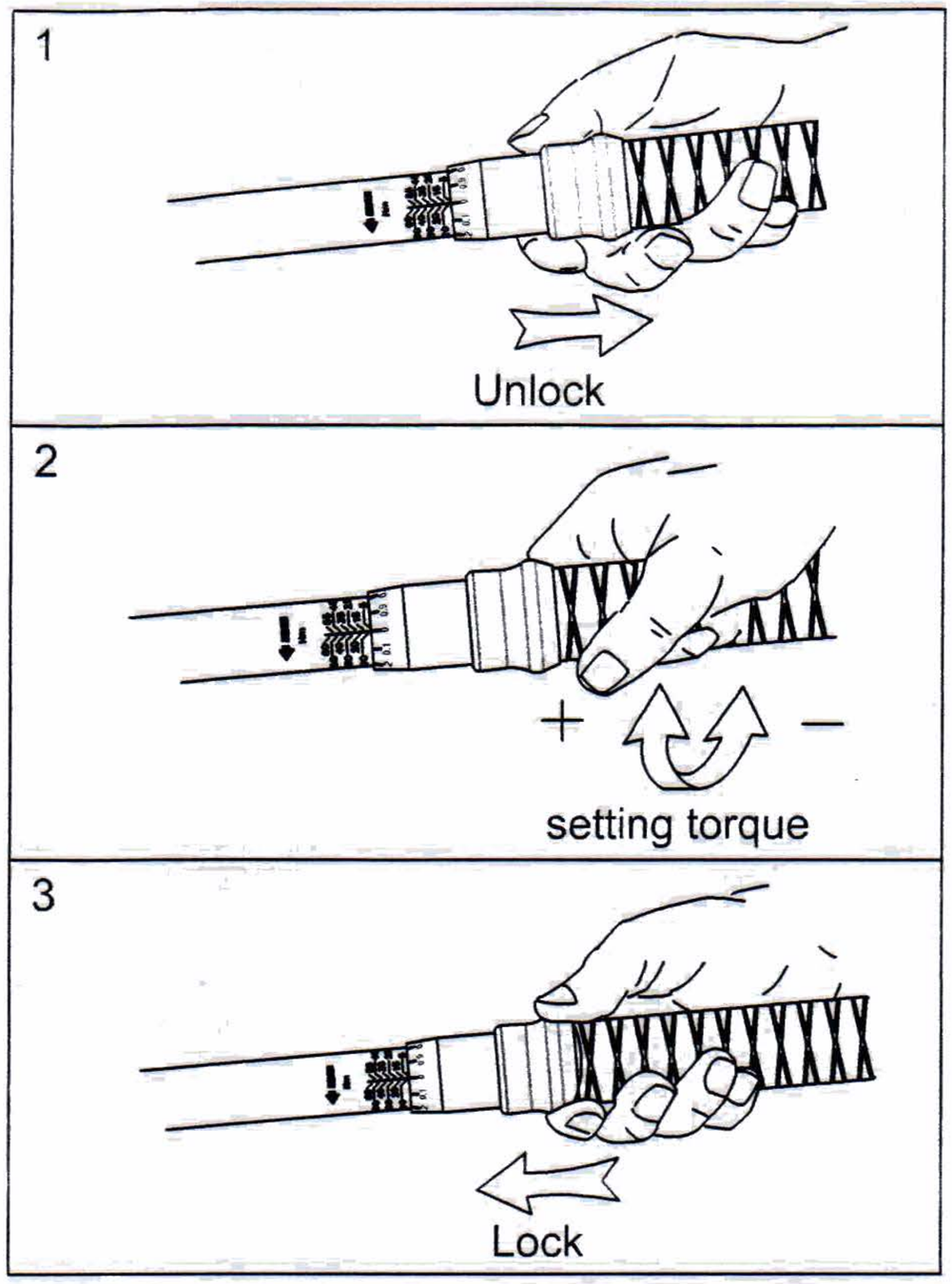
Major Torque Scale

Minor Torque Scale
(Convenient reference secondary units scale is located on back side)

Pull-adjust-release style lock knob secures selected torque from accidental change

All-metal durable knurled grip

SETTING TORQUE

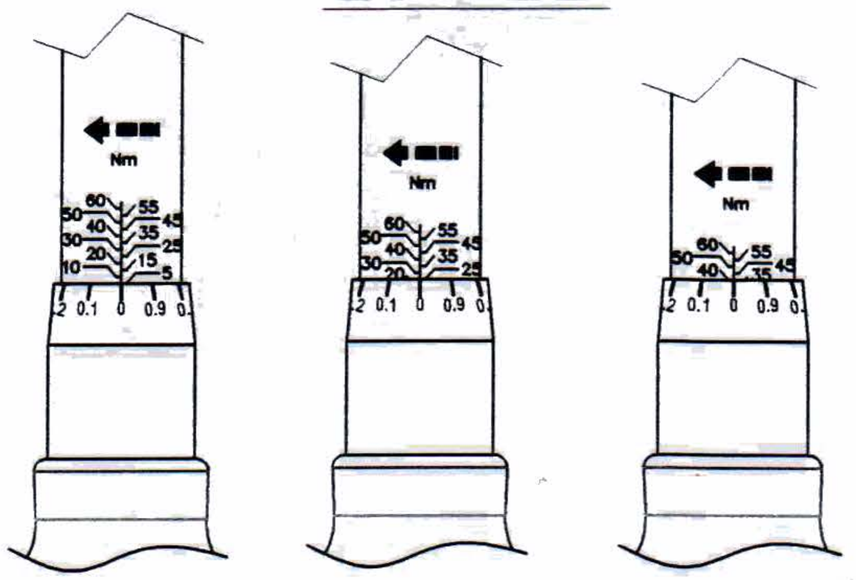


SETTING TORQUE

1.When the locking ring was pulling and rotate the handle clockwise will increase the torque value, counterclockwise will be decreased. When setting, from small value to a large value adjusting if the torque exceeds the set value, please adjusted back below the set torque value and then to reset it.
2. Loosen the locking ring and the handle will be locked.Secondary scale pointer will shift slightly outsides the middle position, but will not affect the accuracy of your settings.
3. Main scale will show both metric or English values of total torque, secondary scale shows the precise torque segments. Look at the example illustrated as below.

EXAMPLES OF SETTING

60 N.m wrench



5 N.m　　25 N.m　　40 N.m

How to use the torque

1. When used, first adjust the wrench to the fastener that needs to be tightened(as: bolts, screws or nuts) slightly larger, the right finger turns the turbine to force the wrench to press the fastener, so as not to slip when force is applied.
2. Hold the handle hard(only hold the handle). In case it affects the precision of the wrench.
3. If you want to achieve the desired results, you can do your homework with both hands. Place one hand on top of the other and do not put it anywhere else in the wrench.
4. Monkey spanner head torque wrench can not be used in reverse, so as not to damage the active lip.
5. Apply pressure evenly until the wrench is loose, or make a click of warning. The force should be stopped at this point, and the torque value should not be set too large.

SAFETY WARNING

Overtorqued or defective fasteners, sockets, as well as the wrench itself, may suddenly break causing you to lose balance, fall, or to suffer other trauma. Be sure that you have firm footing, are properly balanced, and if necessary are using appropriate harness, back support, or other safety device.

MAINTANANCE

1. When not in use, adjust the wrench to its lowest reading (except on Preset and Electronic torque wrenches), and store it in the provided case.
2. With the exception of the ratchet mechanism, do not lubricate the wrench. The ratchet mechanism may be lubricated as needed with a few drops of light machine oil.
3. Do not use acetone or other solvents to clean the wrench, use window cleaner or denatured alcohol applied with a clean cloth instead.
4. With the exception of the ratchet mechanism, there are no user-serviceable parts. Do not disassemble the torque wrench for any reason. When service is needed, send the wrench to the nearest factory-authorized service center.

CERTIFICATION

This torque wrench is certified to have been calibrated prior to shipment to the accuracy of +/- 4% in the clockwise direction.