

KAMASA TOOLS Torque Wrench

Dear Customers,

You have purchased a high quality torque wrench from Kamasa Tools. You have a robust precise instrument with a release accuracy of $\pm 3\%$ of the torque setting (ex works).

Please note: every instrument is only as good as the user. Please read and carefully observe the following operating instructions.

1. Square end drive
2. Switch lever
3. Analogue display
4. Measuring curve
5. Handle and adjustment mechanism
6. Lock button



Technical data

| | | | | |
|----------------------|---------------------|---------|---------|---------|
| Square end drive | 3/8"Dr. | 1/2"Dr. | 1/2"Dr. | 3/4"Dr. |
| Torque range (NM) | 20-110 | 30-210 | 50-350 | 50-700 |
| Torque range (Ft/Lb) | 20-80 | 20-150 | 50-250 | 50-500 |
| Release accuracy | $\pm 3\%$ (ex work) | | | |

Adjustment of the torque value

Withdraw the lock button (5) at the end of the handle

Set the desired torque on the analogue scale (3) by turning the handle

Depress the lock button- the set value is locked

Operation

Adjust the torque wrench a few times in the lower torque range when first using the torque wrench or following a lengthy storage period to ensure the mechanism is uniformly lubricated.

Pull slowly and evenly. The set torque is signified by a perceptible jolt and by a simultaneous clicking noise.

Once the set torque has been achieved, stop pulling!

Important!

The "Kamasa Tools Torque Wrench" is suitable for both right and left hand threads.

To change from right to left operation, push the square end drive through and turn the wrench.

The torque function is switched off by repositioning the locking lever (2).

Note

Only adjust torque wrench using the handle!

Do not use an extension on the handle. This would impair the set value being correctly signaled!

Never set the torque above or below the limit of the scale!

Handle your torque wrench as carefully as you would treat a measurement instrument!

Do not attempt to turn the handle with the lock button locked!

Maintenance and Inspection

Set the torque to the lowest setting following use to relieve stress on the compressive spring.

Only clean the unit using dry materials- do not dip it in petrol or solvent!