

TORQUE TOOL 1-25

E\\ Manual. 20190923

CONGRATULATIONS ON YOUR PURCHASE OF A HIGH QUALITY, TORQUE WRENCH EQUIPPED WITH A CLICK MECHANISM.

The maximum permissible precision of the appliance is $\pm 4\%$ as per EN ISO 6789. Every torque wrench is supplied with a test certificate, from which you can see the precision of your wrench. Please read the following information carefully so as to ensure a long service life of the tool. Please pay attention to the directional arrow in front of the main scale. This indicates the working direction in which the handle of the wrench may be subjected to strain.

Setting the desired torque value

Hold the torque wrench firmly at the handle. Pull the red locking ring located at the middle of the grip downwards until it distinctly unlatches [1]. Now the torque wrench can be adjusted to the value you need to set. Now hold the main tube of the wrench firmly and turn the handle [2] until the desired torque value appears on the corresponding scale below or behind the red line. (When turning the torque wrench towards 0Nm on the left side of the main scale 2 triangular are becoming visible; stop turning the torque wrench then [3].) The full Nm values can be read off from the main scale facing the ratchet side. The one-tenth Nm values can be read off on the fine adjustment scale. Once the desired value has been set, lock the wrench again by pushing the red locking ring in the direction of the ratchet head and back into its original position [4]. In this way you prevent any unintended modification of the value. Please remember that unlocking and locking is only possible at adjustment settings that are directly in the middle of the fine adjustment scale.

Handling the torque wrench

Please always apply the wrench using the handle. The hand needs to be positioned at the centre of the handle for precise measuring results. A distinct jerk is felt and a simultaneous audible click is heard [5] when the set torque has been reached. The higher the set value, the more intensive the signals are. After the signals, all further tightening activities are to be avoided as otherwise the set torque value will be exceeded. When the wrench is relieved of tension, the click mechanism automatically resets and is then ready for the next screw tightening job.



Important information on care and maintenance

Please never extend the torque wrench with a tube or similar device as this will change the set value and may also result in damage to the wrench. Please never turn the wrench above or below the predetermined limit values on the main scale. Treat your torque wrench as a measuring instrument (callipers, micrometer etc.). When the wrench is locked by means of the red locking ring, do not apply any force to try to turn the handle. Never immerse the appliance in petrol or solvents as this will destroy the mechanism's lubrication. Attention: Should it not be intended to use the torque wrench for a longer period, adjust the wrench to the lowest settable value to relieve the wrench's spring mechanism. When the wrench has not been used for some time, you should use the appliance about 5 to 10 times in the lower measurement ranges to ensure an even distribution of the lubricants in the mechanism.

Verification of the calibration

Since mechanical appliances are subject to a certain degree of wear and tear, it is necessary to verify the calibration of the torque wrench after 5,000 cycles.