



Digital Torque bending bar

Developed for a major OEM client to test the ductility of steel alloys after they are cast or forged into club heads. This digital bending bar is the only method we know of with which a clubmaker can relate the torque needed to bend a hosel one degree in Ft/Lbs for a specific alloy and clubhead model.

The measurements made with the digital bending bar can then be tabulated and used for reference to ensure that the hosel is adjusted to the desired spec in as few strokes as possible to inhibit the onset of metal fatigue and to ensure that the stress applied remains within the elastic limit for the alloy from which the clubhead is made from.

The Digital Torque Bending Bar is ideally suited for manufacturing cells in charge of bringing clubheads into spec after the final polishing stages of manufacturing. This tool also works well in quality control stations, R&D labs as well as manufacturer sponsored tour vans and fitting centers.

Built around the Eclatorq DC4 1/2" Square Drive Digital Wrench capable of measuring loads up to 340N-m or 250Ft-Lb of torque with an accuracy of +/- 2%. The square drive bending bits are designed specifically for bending woods and irons while maintaining the exact lever arm pitch the wrench was designed for.



Key Features:

- Easy to read digital display.
- Audible buzzer and LED indicator
- 9 pre-settable torque targets.
- Green LED flashes when on target.
- Red LED flashes when over target.
- N-m/ Ft-Lb conversion.
- Accuracy +/- 2 % or better.
- Peak torque value capture
- Memory storage for up to 250 Data -points
- Serial Data out.

Standard Fittings

1



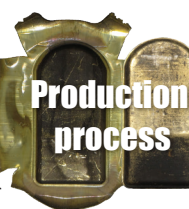
150635-13
Forged bit for 13mm hosels



150635-14
Forged bit for 14mm hosels



150635-16
Forged bit for 16mm hosels



2



150660-1
Cantilevered cam

- 1 Copper clad Open 13 mm bit fits 1/2" square drive . Other sizes available upon request.
- 2 Cam bit mounts on the standard 1/2" square drive. See 150650-SK1 for spare parts and instruction.

Service kit

150650-SK1
Square sheaves replacement kit for 150650

