



## 6 in 1 Calibration Standard

Clubmakers have always relied on their instruments to fit, measure, cut and assemble golf clubs to high levels of craftsmanship and precision, subjecting instruments in every day use to much tear and wear. Thus, instruments need to be maintained and calibrated periodically with a reliable, traceable and credible standard to ensure accurate and repeatable measurements consistent with applicable industry standards and accepted practices.

To this end, we've created this unique 6 in 1 calibration standard that provides base measurements for weight, swing weight, MOI, length, frequency and deflection, eliminating the need for multiple standards to proliferate throughout the workshop or lab.

Unlike standards produced using generic steel shafts, the Auditor 6 in 1 calibration standard is produced from a high grade AISI 52100 high carbon chromium steel selected for its high strength, low wear, uniformity and long term stability. Each and every component used to produce this standard is precision machined, individually inspected and hand assembled before it's given a final dimensional check.

Calibration is performed on a specially designed and fully instrumented bench with stringent setup routines that are implemented every step of the process.

Each calibration standard is individually numbered and issued with an Auditor calibration certificate for reference before it's packed into its own protective tube. The Auditor Calibration Standard can be used to calibrate other instruments within the class irrespective of brand name or make.

### Typical values:

- Total Weight: 701 +/- 1.0 gram
- Total Length: 831 +/- 1.0 mm
- Swing Weight 14": C9.5 +/- 0.3 Sw
- 2 MOI lxx (2nd Moment) 2862 Kg.cm +/- 1.0%
- Frequency (5" clamp): 289.5 +/- 0.5 cpm
- Spring rate:(5" clamp) 30 gr/mm +/- 0.3 gram
- Center of mass (Cg-x) 572 mm +/- 1.0

