

Fastener Testing

Reliable quality assurance for fasteners, ranging from minuscule titanium screws for small aircraft components to 7-meter-long carbon steel bridge connectors.



For every single type of component, fasteners are indispensable. However, while they must be robust enough to ensure they (and the components they join) continue to function correctly over time, they are susceptible to stretching, cracking and shearing at low temperatures.

Companies in industries like wind power and construction are using larger and larger fasteners as their innovations develop, which makes them all the more safety-critical. Moreover, it makes it even more important for fasteners to be tested by specialist laboratories.

EXPERT TESTING OF FASTENERS, WHATEVER THE SIZE OR MATERIAL

As regular servants to industries like construction, wind power, aerospace, automotive, railway and shipbuilding, we are an **accredited partner** with a wealth of experience in testing all kinds of fasteners, whether **carbon steel, stainless steel, titanium** or any other material.

What's more, as **high-load specialists** we have unique expertise and facilities for **testing fasteners up to 7 metres in length**.

We always adopt the most appropriate test methods to test the right properties and meet the relevant regulations, and we work efficiently to ensure quick turnarounds and **reduce product lead-time.**

Our fastener testing methods include, but aren't limited to:

- Hardness
- Yield Strength
- Wedge and Axial Tensile
- Preload
- Proof Load
- Widening
- Flattening
- Fatigue
- Stress Rupture
- Creep
- Shear
- Torque
- Coating
- Interlocking
- Prevailing Torque
- Torque-to-Load Ratio
- Rotational Capacity
- Reusability
- Total Extension at Fracture
- Coefficient of Friction