



"This thing on?
Testing
testing
1, 2, 3..."

Four actually. Drive, Ductility, Torsional Strength and Hydrogen Embrittlement.

They may not really be listening but we definitely are. That's why at Beacon we proactively performance test every single case hardened lot according to the required ASME specifications to verify all our manufacturer's results. But why? We do this to verify conformance and give our customers an additional level of protection. We strongly believe that if you need something to perform as expected, it's a good idea to make sure it already does. Since we see ourselves as the crucial link between the manufacturer and you it's our commitment to maintain the highest level of quality on every product we offer. For us it's all about the details and your complete satisfaction.

Now, imagine how much time and money you will save by eliminating the need for duplicate inspections when you partner with us for all your high performance fasteners!

Drive Test - We validate that the screw's material and surface hardness will make its own mating thread without excess torque or thread deformation.

Torsional Strength Test - We ensure that the material hardness will meet or exceed minimum strength requirements.

Ductility Test - We confirm the screw's toughness and strength to maintain the flexibility needed to accommodate any seating surface variations.

Hydrogen Embrittlement Test - We perform a 24-hour test where samples from every case-hardened electroplated lot are under continuous torque to assure no evidence of failure.


Beacon[™]
FASTENERS AND COMPONENTS, INC.

The Partner to World Class Distributors