



Engineering Test Services

Product Development Support from Concept through Production

Our experienced Engineers provide Cost Effective Design Support and Data Analysis



- **Benchtop torque/tension systems:**
 - Up to 1000 ft lbs torque
 - Up to 120,000 lbs load
- Ability to dynamically monitor **torque, angle, time, speed, load, and friction coefficients.**
- Wide range of **DC electric tools** for accurate and tightly controlled fastener installation.
- **Portable equipment** available for in-plant product trials, tightening strategy development and assembly verification.
- **Ultrasonic clamp load measurement** for true in-place load at time of installation and any time during the life of the assembly.
- **Predictive joint design analysis** using SR1 Bolted Joint Calculation Software.
- **MTS 810 Material Fatigue Test System**
 - 250 kN capacity



Engineering & Testing Center

1524 East 14 Mile Road • Madison Heights, MI 48071
248-307-0567 • www.genfast.com