

## G493-375 Torsion Test Fixture

Converts linear force and motion from Electromechanical Test Machine into torque and angular motion at torques to 21 Nm (187 lb)

- Inexpensive solution to lower force torsion testing requirements
- Conversion Ratio:  $T=0.375F$  (e.g.  $T=0.375 \text{ in} \cdot 500\text{Lbf} = 187.5 \text{ in-lb}$ )
- Rated 175 in-lb (20 Nm) torque output (with a 500 lb axial input)
- Rates full 360 degrees
- Operates in one direction only (corresponding to tensile direction)
- Includes 1 Jacobs chuck (specimen dia. range 0.08" to 0.5")
- Includes adjustable mounting head for customer torque cell or grip.
- Requires male 5/8" post adapter with 8mm pin or adapters.
- Angle measurement via test machine linear position encoder

