

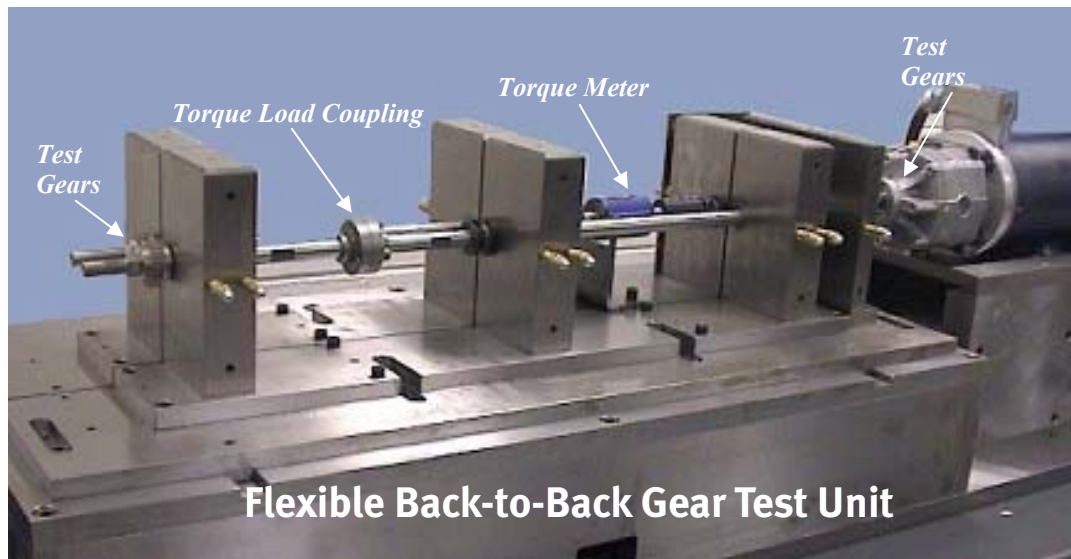


GKN SINTER METALS

GKN's Back-to-Back Gear Test Unit Advanced Equipment for Gear Testing and Evaluation

GKN Sinter Metals' gear test facility in Germantown, Wisconsin, features state-of-the-art equipment for gear testing and evaluation.

- ◆ Focus on optimizing gear material and design
- ◆ Evaluation of tooth strength, contact fatigue resistance, gear noise and vibration
- ◆ Simulates ASTM standard gear test D5182-97
- ◆ Powder metal baseline testing against either wrought or P/M
- ◆ Rapid evaluation (1-2 hours)
- ◆ Adjustable center distances from 1.5" – 6" diameter
- ◆ Load applied to gears via pre-torque of a coupled shaft
- ◆ Lubricated or dry testing dependant on final application



Test Gears

For further information on using P/M Technologies for your gear applications, call 1-248-371-0800; e-mail: infogears@gknsintermetals.com

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Technical Sheet