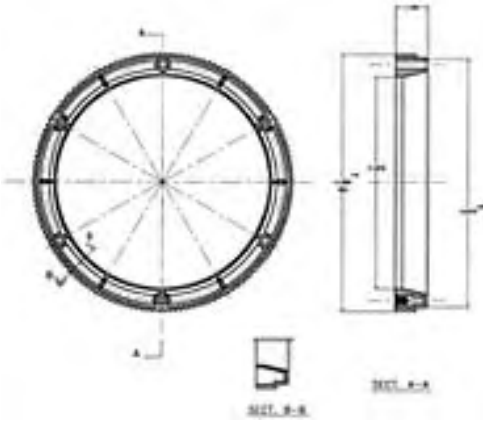


**Doing it right; the first time;
on time; every time.**



**Glass-reinforced nylon replaces
aluminum and urethane
predecessors**

**Torque Transmission has the
capability to produce
customized timing pulleys for
low and fractional horsepower
applications in a range of sizes
to 14.4" diameter.**

Torque Transmission, Fairport Harbor, OH – June, 2005

The Challenge

A Minnesota-based manufacturer of agricultural equipment challenged Torque Transmission to produce a less costly pulley than the 14.4 inch diameter 8mm HTD aluminum pulley they currently used. In addition, the new pulley had to provide equal or improved performance and strength. Easier said than done, especially under environmental conditions as harsh as those of a grain dryer.

The Solution

- Engineered a working prototype pulley within weeks of the request
- This Nylon 612 33% glass filled pulley passed the extensive and rigorous tests done by the manufacturer
- Produced a repeatable quality pulley that is lightweight and lowers inertia
- Produced a product that maintains tensile and flexural strength under the wide range of weather conditions grain dryers endure
- Small lot quantities—quick inventory turns

The Value to the Customer

- Superior value-to-cost ratio
- Quick turn-around time for fast results
- This pulley cost less than its all-aluminum counterpart and reduced costs by 66%

For more information call Helen Stauffer at 1-800-544-6642 or e-mail her at Hstauffer@TorqueTrans.com, or visit us at www.TorqueTrans.com.