Shaft Mount Speed Red
Solid

Accessories
Available accessories include:
• Twin Tapered Bushing Kits
• Backstop Assembly
• Heavy Duty Motor Mounts
• Torque Arm (included)

Ground Gearing
Vortex gears are made from a high-grade, case-hardened steel and are precision ground to AGMA standards, not shaved. This creates a much smoother surface finish, allowing gears to transmit more horsepower, run quieter, and last longer.

1 Seals
Spring-loaded, double-lip oil seals ride on shafts with ground seal seats. This minimizes oil leakage and provides longer seal life. The seal is protected by a metal-reinforced guard.

2 Shafts
All shafts are one-piece, heat-treated, alloy steel for high strength. Shafts also have centerless ground bearing seats to provide ideal shaft fits for longer bearing life.
At Vortex, we build reducers that are strong enough to handle the toughest applications. Our reducers are designed for rugged reliability and smooth-running performance. Check out the features found in every Vortex reducer that make it better than the competition.

When we say Vortex is "The Strong Silent Type", we mean it.

3 Rigid Housing
Cast iron housings dampen the effects of vibration and shock, and feature a highly corrosion-resistant finish. A generous oil sump provides ideal lubrication to gears and bearings, increasing the life of the unit.

4 Premium Quality Bearings
A combination of tapered roller bearings and ball bearings are used to provide the highest load capacities and longest bearing life possible. The bearings also run in shouldered housings, allowing perfect gear alignment for smooth operation and long life.

5 Twin Tapered Bushings
Twin tapered bushings allow for easy mounting and removal. This bushing system provides tight and even gripping at both ends of the reducer.
Direct Drop-In

Vortex shaft mount speed reducers are a direct drop-in for TXT style reducers and are mechanically interchangeable with most commonly used reducers. If you are ready to make the switch or want to learn more about which Vortex reducer is best suited for your application, contact your local distributor or Vortex representative. Additional information and engineering assistance are available online at www.vortexreducer.com.