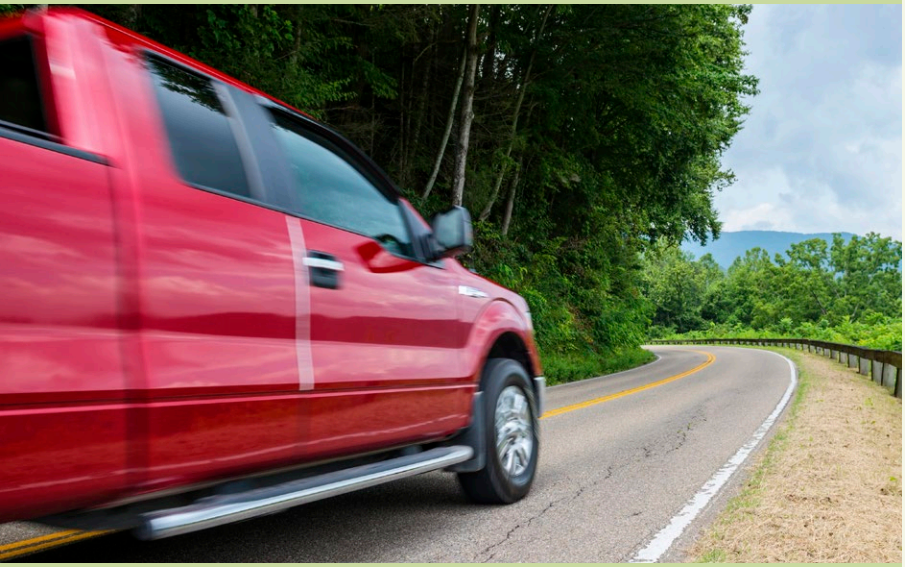
TriSteel™ is Geared Up for Performance

A partnership with TriStar gives you a competitive edge.



If you are seeking a cost-effective solution to increase performance, manage wear and tear, and improve efficiency then read on.

One industry faced with the constant pressure of developing new technologies to increase performance is automotive and truck transmission manufacturers. Unfortunately new technologies in the areas of CVTs, clutch systems, dual-mass flywheels and 4-wheel drive controls, place a toll on the sliding, oscillating and rotary parts.

As new technologies gear up to improve transmission performance, wear and tear on engine parts speed up. And this trend isn't expected to end soon as manufacturers work to meet increasing demands from vehicle owners as well as respond to new safety and environmental regulations.

TriSteel Bearings

The Solution? TriSteel Metal-Backed Bearings.

TriStar's TriSteel bearings are meeting, and exceeding, transmission manufacturers' requirements with excellent performance, efficiency and cost effectiveness.

There are many applications for these bearings including sliding linkages within the transmission, sliding posts on dual-mass flywheels, thrust plates in planetary gear boxes, and rotary sleeves in transfer cases.

With several liner combinations available, TriSteel bearings give the end user extensive options for long wear life, in either dry or lubricated service, with the cost-effectiveness demanded by the automotive industry.

TriSteel bearings handle PV's up to 1 million without lubrication – add lubrication and the PV is even higher. Friction coefficients of 0.08-0.12 with no lubrication allows the user to operate without stick slip at extremely high loads and speeds.

TriSteel bearings are available in metric and inch sizes in sleeve, flange and thrust designs. Custom sizes are available with very quick turnarounds.

We're ready to put our engineering expertise to work for you from prototype to production.

Engineering | Custom Fabrication | Manufacturing

CJ Composite

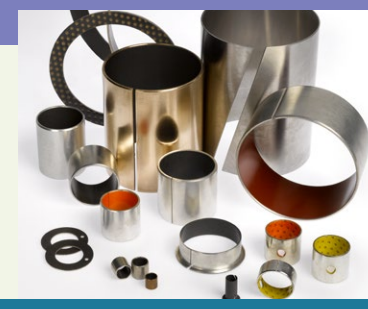
- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze

Ultracomp®

- Self-Lubricating
- High Load | Low Speed
- 54,400 PSI Compressive Strength
- Exceptional Resistance to Vibration and Impact

TriSteel™

- Self-Lubricating
- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free

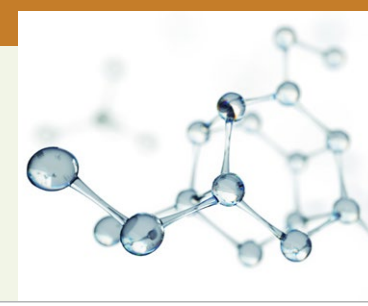


Rulon®

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant

Enhanced Materials Division

- Plasma Surface Treatment
- Specialized Primers & Coatings
- Material ID & Selection
- Process Engineering | Analysis & Testing



TriStar

Engineered Plastic Solutions™

tstar.com 1.800.874.7827

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