

Rulon[®] J Gets into the Groove for Turntable Application



With the return of vinyl records to our lives there has been a surge in new designs for turntables. Gone are the days of misaligned needles on warped platters. Today's consumer-grade turntable systems are actually better than studio quality devices of the past.

One turntable manufacturer came to us with a unique concept that called for a specialized solution. With this design, the turntable has a platter that can be vertically positioned so that the vertical tracking angle between the cartridge stylus on the tone arm and the record on the platter can be adjusted.

Two [Rulon J](#) bearings support the vertical spindle allowing a mechanical lifter to make the adjustment without touching the tone arm and maximizing the stylus-to-vinyl contact.

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■ A partnership with TriStar gives you a competitive edge.



Rulon J

Rulon J Has What It Takes – Lowest Friction & No Noise

Rulon J was selected by TriStar's engineering team because the customer needed the [lowest possible friction](#) [to prevent stick slip or chatter in motion], as well as a material that would produce no noise. Rulon J was also selected for its acoustic dampening properties — for which it has also been specified for high-end speaker systems.

Finally, Rulon J is self-lubricating, giving the customer a maintenance-free service life with virtually no wear on the bearing or the spindle.

Learn More about Rulon

Each material in the Rulon product line has been engineered to provide specific benefits in critical applications. From materials with [FDA/USP approval for food processing and medical applications](#), to variants specifically engineered for compressor piston flip seals, there's surely an ideal grade for your needs.

To learn more about the Rulon product line, grab a copy of our [free Rulon technical paper](#).

1-800-TriStar [874-7827]

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



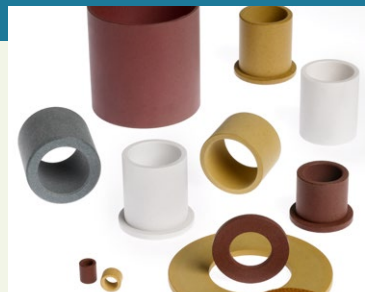
TriSteel[™]

- 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



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