

Low-friction Composite Bearings "Cement" with Paving Machines

■ A partnership with TriStar gives you a competitive edge.



CJ Bearings

Asphalt is an aggregate of stone and sand that is mixed with liquid cement to form a "hot mix." When installed and maintained properly, an asphalt surface can last up to 30 years and remain strong and flexible enough to withstand hot temperatures as well as the freezing and thawing cycles of a cold environment.

...However, the durability of the asphalt surface is only as good as the quality of the installation.

CJ low-friction bearings help paving equipment apply a smooth asphalt surface despite rough pavement, hot asphalt mix and heavily-cantilevered conditions.

CJs "cement" their superiority in asphalt paving equipment

CJs are located on the inboard shafts that extend along the body of the pavers' guide plates.

As the guide plates move in and out to install the asphalt, these composite bearings carry the full load of the plates in a cantilevered movement.

CJs are perfect for this tough application, since they can easily tolerate the excessive friction generated by the motion of the guide plates to improve the machines' hydraulics and ability to maneuver.

Composite bearings are also unaffected by the abrasive stone/sand aggregate mix and remain thermally stable even as the mix reaches 300° or more.

Look for CJ bearings in any application that calls for extended, greaseless operation in tough conditions, including construction, [agriculture](#) and [marine applications](#)! Or submit a [quote request](#) today!

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



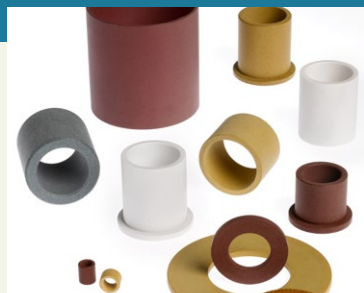
TriSteel[™]

- 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[™]

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