Gear Bearings

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DESCRIPTION

This technology is a spur partial tooth gear bearing. The bearing has upper and lower halves including integrated roller surfaces disposed between gear teeth, where integrated roller surfaces are in phase with each other. The upper and lower halves include roller sections integrated into a gear bearing structure. The roller sections are integrally disposed between peak partial teeth. The peak partial teeth extend radially outwardly from the roller sections.

FEATURES AND BENEFITS

- This technology makes the roller bearing action stronger and more effective in the bearing
- The bearings providr a more compact gear bearing while eliminating the need for a separate roller to distribute non-axial forces applied to the bearing.

APPLICATIONS

- Transportation
- Power Tools
- Medical Equipment
- Farm Equipment
- Industrial Machinery

FOR MORE INFORMATION

If you are interested in more information or want to pursue transfer of this technology, GSC-14480-1, please contact:

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