

**DEPENDABLE
PERFORMANCE**

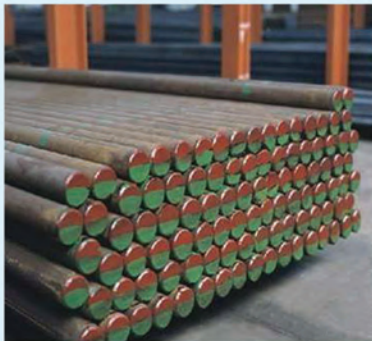


WJB HUB BEARINGS MANUFACTURING AND DESIGN BENEFITS

Manufacturing Process

- Bearing assembly using automatic machines.
- Machines are developed for production of OE hub and wheel bearings.
- Turning and grinding machines are imported from Europe, Korea and USA for better precision.
- Products are verified using state-of-the-art in-house test labs.
- ABS sensor output is automatically checked 100% according to OE specifications after sensor assembly.
- Rolling elements and raceways are measured and selected to ensure the proper bearing preload after assembly.

The Professional Source
for Every Bearing Need.



Bearing Features

- Steel is supplied only from top quality steel plants with audited cleanliness and material composition.
- Rolling elements and integral geometry are designed according to OE specifications and verified with fatigue calculations and bench testing.
- Hubs are designed to meet stringent fatigue requirements to reduce premature failure.
- All self-retained hub units are tested to maximize the orbital forming strength.
- Seal material and design is optimized to perform in harsh environments.

Quality Features

- 100% automatic rotating vibration check to identify internal defects or contamination.
- 100% inspection of critical interface dimensions using automatic machines or masks.
- Factories are certified to TS 16949.
- Incoming material and components are tested, measured and inspected to ensure fit and function.



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