



## AST series

### Bearings

A specialized heat treatment enriches bearing steel surfaces with carbon and nitrogen, enhancing wear resistance and fatigue strength. The process creates a hard, durable surface while maintaining a tough core for high load and speed applications. This ensures superior performance and extended service life in demanding conditions

#### Features

- ✓ Enhanced wear resistance
- ✓ Increased fatigue strength
- ✓ Better dimensional stability
- ✓ Improved reliability (3X)
- ✓ Better performance in demanding application conditions like a contaminated environment

#### Benefits

- ✓ The enriched surface layer provides enhanced protection against wear compared to standard heat treatments
- ✓ Better resistance to rolling contact fatigue, reducing the risk of surface cracking under cyclic loading
- ✓ Improved surface hardness extended service life

#### Application

- ✓ Automotive
- ✓ Industrial
- ✓ Railways

## Ball & Roller Bearings



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