

TIMKEN® SURE-FIT™ UNIVERSAL BACKING RING

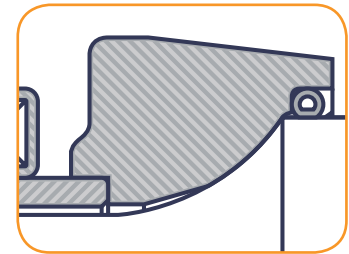
Loose backing rings account for approximately 40 percent of all bearing-related wheel set removals and cost the rail industry millions of dollars each year. Timken can help change that.



The Timken® Sure-Fit™ universal backing ring is designed to significantly reduce loose backing ring problems by providing an interference fit between the axle dust guard diameter section and the backing ring. Sure-Fit backing rings work on an untoleranced or non-fitted axle with dust guard diameters up to .050" under current Association of American Railroads (AAR) minimum dust guard specifications. The Class F Sure-Fit backing ring has full AAR approval and the Class E has conditional approval.

SURE-FIT BACKING RINGS ARE DESIGNED TO:

- **Reduce wheel set removals**
- **Enhance water exclusion capabilities to help prevent fillet corrosion and pitting**
- **Improve safety and reliability of the wheel set**
- **Increase axle life and reduce axle scrap rate**
- **Protect your wheel set investment**



- *The compressible ring provides a spring force that holds the backing ring tightly to the axle.*
- *The casting is reusable at the time of reconditioning when the insert ring is replaced.*

SURE-FIT BACKING RINGS MEET THE NEW AAR REQUIREMENTS

AAR rules require fitted applications for Class E and Class F bearings using either a fitted backing ring on a toleranced dust guard or a universal fitted backing ring on dust guards too small to provide a 0.002" interference fit. A half-million Sure-Fit backing rings in service stand as evidence of Timken's track record for exceptional performance. Contact a local Timken sales or service representative for more information.

LET US HELP

To learn more about the benefits of the Sure-Fit backing ring or Timken's other rail products and services, contact a local Timken sales or service representative or visit www.timken.com/rail.

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