

TENMAT Bearings - The Smart Choice

TENMAT *FEROFORM* and RAILKO technical composite materials, are widely recognised as the industry standard for demanding applications.

Fitted in over 8000 vessels worldwide, **TENMAT** marine bearings combine high strength with excellent wear resistance and durability, yielding hard wearing composites that outlive rubber and thermoplastics in all types of service conditions.

FEROFORM and RAILKO marine bearings work with any type of water, run with smaller clearances than elastomeric bearings, are dimensionally and thermally more stable, and have superior wear resistance. Thus providing ship owners with longer service life and lower operational costs.

TENMAT are so confident of the superior performance of *FEROFORM* and RAILKO marine bearings that we offer a 15 year warranty. Stock is available through our worldwide network of distributors.

TENMAT marine bearings are available in tubes, half shells, stave bearings, fully machined bearings and can include bronze or stainless steel housings if required. Bearing design including calculation sheet and technical assistance is also available.

Applications

- Stern Tube Bearings
- Propeller Bearings
- Rudder Bearings
- Steering Gear Bearings
- Deck Equipment Bearings

Key Benefits

- Market-Leading wear performance
- Clean water systems not required
- Excellent stability, minimal water swell and thermal expansion
- Low noise
- Shaft friendly
- Accepts misalignment
- Self-lubricating

Key Features

- Approved by all major classification societies
- Significant worldwide stocks
- Easy to machine, fit and install



TOTAL MARINE SOLUTIONS

Worldwide Stocks

TENMAT holds significant stocks of *FEROFORM* and *RAILKO* base tubes at strategic locations worldwide. Stock is designed to cover the widest range of shaft sizes currently in use and allow for immediate despatch to any location, when required.

Non-stock sizes can be typically manufactured and despatched within 2-3 days.

15 Year Warranty

TENMAT offers a 15 year manufacturer's defect warranty on *FEROFORM* and *RAILKO* marine bearings*.

Warranty is subject to standard operating parameters, as underwritten by all major marine classification societies, and is applicable to :

- Any specific brand of water quality package.
- Any shaft line.

In the unlikely event of a proven bearing failure, **TENMAT** will provide a replacement bearing free of charge.

* Subject to terms and conditions.

Availability

TENMAT bearings can be supplied in:

- Base tubes
- Split bearings
- Stave bearings
- Complete packages in bronze housings
- ID from 20mm up to 1150mm
- OD from 30mm up to 1260mm
- Lengths up to 1200mm
- Custom sizes available on request
- Product also available in sheets

Major Marine Classifications

RAILKO and *FEROFORM* materials are fully approved by ALL major marine classification societies for critical applications and used by over 30 navies worldwide.

Contact **TENMAT** today to receive further information about *FEROFORM* and *RAILKO* bearings and other proven solutions for Marine applications.



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