

## Reasons why to choose TENMAT bearings

**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.



Issue 3/16

### CORPORATE HQ

**TENMAT Ltd.**  
Ashburton Rd West  
Manchester M17 1TD  
Tel.: +44 161 872 2181  
Email: marine@tenmat.com

### NORTH AMERICA

**TENMAT Inc.**  
23 Copper Drive  
Newport, DE 19804  
Tel.: +1 302 633 6600  
Email: info@tenmat.us

### FRANCE

**TENMAT**  
56 Avenue Foch  
77370 Nangis  
Tel.: +33 1 60 58 56 56  
Email: info@tenmat.fr

### GERMANY

**TENMAT**  
Via Dante, 2/48  
16121 Genova  
Tel.: +49 7151 133 8468  
Email: info@tenmat.de

### ITALY

**TENMAT**  
Via Dante, 2/48  
16121 Genova  
Tel.: +39 10 545 1343  
Email: info@tenmat.it

### SWEDEN

**TENMAT**  
Stureplan 15  
111 45 Stockholm  
Tel.: +46 8 612 68 50  
Email: info@tenmat.com