

Bearings for Deck Machinery Applications

Tests confirm that *FEROFORM* and *RAILKO* marine bearings have better wear resistance than elastomeric and polyester / polyester bearing materials, thus providing ship owners with up to 4 times longer service life and lower operating costs.

Both *FEROFORM* and *RAILKO* bearings are self-lubricating and can be used for replacing metallic bearings. **TENMAT** materials will not seize or pressure weld, are capable of running dry and grease free, providing a maintenance-free solution.

FEROFORM and *RAILKO* marine bearings are approved by major classification societies. Fitted in over 8000 vessels worldwide, *FEROFORM* and *RAILKO* are used in all marine environments giving excellent life.

TENMAT are so confident of the superior performance of *FEROFORM* and *RAILKO* marine bearings that we offer a 15 year warranty.

TENMAT marine bearings are available in sheets, tubes and fully machined bearings. Design service available on request



Applications

- Anchor chain guide bushes
- Stern and stinger rollers bushes
- Hatch cover pads
- Davit, sheave & winch bushes
- Lifeboat release bearings
- Cylinder rod end bushes
- Cutter head bearings
- FPSO riser, turret and mooring pads
- FPSO turret slide pads

Key Benefits

- Non metallic: No galvanic corrosion
- Self-lubricating
- Does not cause seizure
- High wear & abrasion resistant
- Excellent stability: low thermal expansion and water swell
- Low stick slip
- Accepts misalignment
- Maintenance & grease free

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:

- Tubes
- Split bearings
- Stave bearings
- Fully machined bearings
- Complete packages in bronze or stainless steel 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

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