



asiatic[®]
ENGINE BEARINGS
— SINCE 1974 —

ENGINEERED FOR PERFORMANCE. BUILT FOR RELIABILITY.

Manufacturer of Non-Ferrous & Bi-Metallic
Thin/Thick Shell Bearings | Bushes | Thrust Washers

MESSAGE FROM THE DIRECTOR

A CONTINUED COMMITMENT TO QUALITY AND TRUST

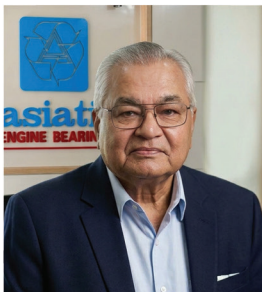
It gives me immense pleasure to present **ASIATIC BEARING CO.**, a trusted manufacturer of Non-Ferrous and Bi-Metallic Bearings, Bushes and Thrust Washers, with a manufacturing legacy dating back to **1974**.

Over the decades, we have built our reputation on three fundamental principles — **Quality, Reliability and Customer Satisfaction**. Our continuous focus on quality raw materials, controlled manufacturing processes and stringent quality assurance enables us to deliver products for demanding industrial applications.

Our products serve a wide range of industries including Compressors (Refrigeration & Air), Automobiles, Tractors, Railways, Defence, Marine, Earthmoving Equipment, Stationary Engines and Generating Sets.

As we strengthen our presence in international markets, our objective is to build long-term partnerships with customers who value consistent quality, technical capability, dependable service and competitive solutions.

We look forward to meeting industry professionals, OEMs, distributors and business partners for long-term cooperation and opportunities.



Mr. K. V. Saparia
Founder/Chairman
ASIATIC BEARING CO.



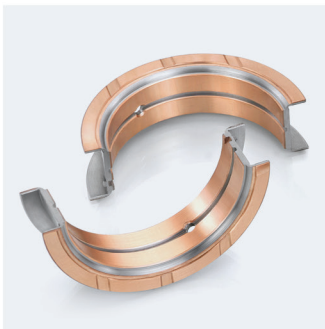
50+ YEARS OF ENGINEERING EXPERIENCE.

Established in 1974, Asiatic Bearing Co. is a specialised manufacturer of Non-Ferrous and Bi-Metallic thin & thick shell bearing solutions for a diverse range of industrial applications.

Our experience has been built through decades of working with demanding applications where dimensional accuracy, material integrity, reliability and consistent performance are essential.

From individual components to recurring OEM requirements, we work closely with customers to understand their technical requirements and provide solutions aligned with their application.

OUR CORE PRODUCTS



**Thin/Thick Shell
Non-Ferrous & Bi-Metallic
Bearings**



**Thin/Thick Shell
Non-Ferrous & Bi-Metallic
Bushes**



**Non-Ferrous & Bi-Metallic
Thrust Washers**



**Special & Application-
Specific Bearing
Components**

OUR LEGACY

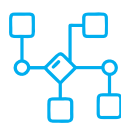
Our journey has been shaped by continuous learning, manufacturing experience and long-term relationships with customers and industry partners. Over the years, Asiatic Bearing Co. has developed capabilities to manufacture bearing components for a wide range of applications and operating conditions.

Our journey is built on:



Experience

Decades of practical manufacturing knowledge.



Consistency

Focus on repeatable quality and dependable production.



Engineering

Understanding of bearing materials, construction and application requirements.



Partnership

Long-term relationships with customers and suppliers.



Continuous Improvement

Ongoing development of manufacturing and quality practices.

PRECISION BEARING SOLUTIONS FOR DEMANDING APPLICATIONS

THIN/THICK SHELL NON-FERROUS & BI-METALLIC BEARINGS

We manufacture thin and thick shell Non-Ferrous Bearings designed for applications requiring reliable performance, dimensional stability and appropriate material compatibility. Our Bi-Metallic Bearings combine a steel backing with an engineered bearing material to provide an effective solution for applications requiring strength, durability and reliable bearing performance.

THIN/THICK SHELL NON-FERROUS & BI-METALLIC BUSHES

We manufacture bushes in various configurations and materials according to application requirements, drawings and technical specifications.

NON-FERROUS & BI-METALLIC THRUST WASHERS

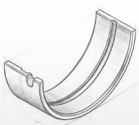
Our range includes standard and application-specific Thrust Washers designed to accommodate axial loads in various mechanical systems.

SPECIAL COMPONENTS

We also manufacture components according to customer drawings, samples and technical specifications, subject to engineering and manufacturing feasibility.

MANUFACTURING RANGE

BEARINGS



Dia : Ø 35–300 mm
Width : 15–150 mm
Thickness : 1–35 mm

BUSHES



Dia : Ø 12–300 mm
Length : 15–150 mm
Thickness : 1–35 mm

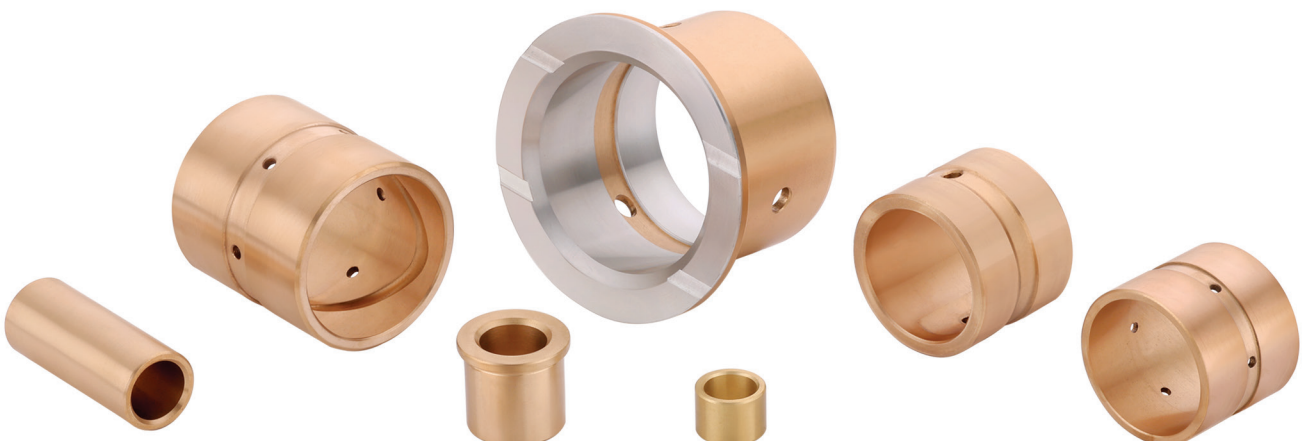
WASHERS



Dia : Ø 35–150 mm

DEVELOPMENT LEAD TIME

STRAIGHT/FLANGE BEARINGS : 4 to 6 weeks. | **BUSHES** : 4 weeks minimum. | **WASHERS** : 4 weeks minimum.



SERVING MULTIPLE INDUSTRIAL SECTORS

Our Non-Ferrous and Bi-metallic Bearings, Bushes and Thrust Washers are used across a wide range of industrial applications where reliability, durability and performance are critical.



COMPRESSORS

Bearing solutions for reciprocating, Industrial Air & Refrigeration Compressor applications.



AUTOMOTIVE

Components for automotive and commercial vehicle applications.



TRACTORS & AGRICULTURAL

Bearing and bush components for demanding agricultural machinery.



RAILWAYS

Components for railway and associated mechanical applications.



DEFENCE

Precision components for selected defence armoured vehicle and heavy engineering applications.



MARINE

Bearing components for marine and related equipment.



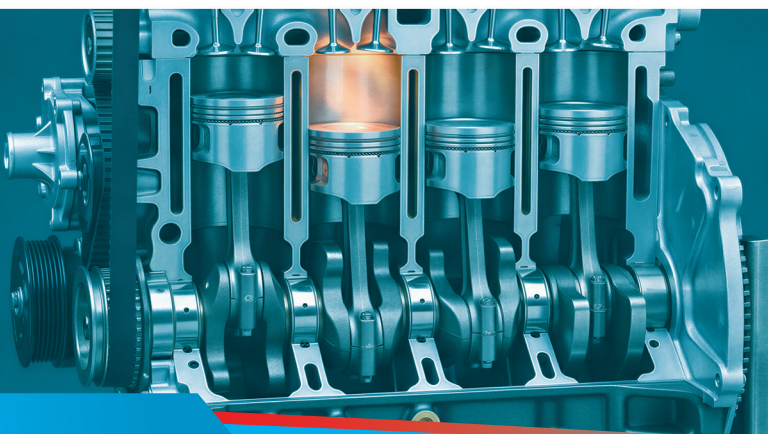
EARTHMOVERS

Solutions for heavy-duty equipment operating under demanding conditions.



STATIONARY ENGINES & GEN-SETS

Bearing and bush components for stationary engines and power gensets



YOUR DRAWING. OUR MANUFACTURING EXPERTISE.

We understand that industrial customers often require components manufactured to their own drawings, specifications or samples.

Our team works with customers to understand:

Drawing > **Material** > **Manufacturing** > **Inspection** > **Delivery**

We can support requirements involving:

- Customer drawings
- Existing components/samples
- Development requirements
- Special dimensions
- Material specifications
- Prototype requirements
- Recurring production
- OEM Requirements
- Reverse Engineering

Our focus is to develop a practical manufacturing solution while maintaining the required quality and dimensional specifications.



ENGINEERING & MANUFACTURING

FROM DRAWING TO FINISHED COMPONENT.

Our manufacturing approach is focused on maintaining control over critical parameters throughout the production process.

Our capabilities include:

- Interpretation of customer drawings and specifications
- Shell/component manufacturing
- Bimetallic construction
- Precision machining
- Finishing operations
- Dimensional inspection
- Final quality verification
- Application-specific manufacturing

Our objective is to achieve **consistent dimensional accuracy, material integrity and functional performance from batch to batch.**



QUALITY IS BUILT INTO THE PROCESS

For bearing components, quality is not limited to the final inspection. Material selection, manufacturing parameters, dimensional control and inspection at various stages are all important to achieving reliable performance.

At Asiatic Bearing Co., our quality approach focuses on:

MATERIAL QUALITY

Control of appropriate raw materials for the intended application.

DIMENSIONAL ACCURACY

Inspection of critical dimensions according to customer drawings and specifications.

PROCESS CONTROL

Monitoring of important manufacturing parameters throughout production.

FINAL INSPECTION

Verification of finished components before dispatch.

DOCUMENTATION

Where required, relevant inspection and material documentation can be provided as agreed with the customer.

MATERIAL & METALLURGY

THE FOUNDATION OF BEARING PERFORMANCE

Bearing performance begins with the right material.

We place strong emphasis on the **quality, composition and suitability of bearing materials** used in our products based on the customer's design.

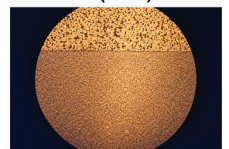
For applications involving White Metal bearings, we focus on **controlled and specified bearing material compositions** rather than relying on inconsistent recycled material sources.

Our objective is to provide customers with **consistent, traceable and application-appropriate bearing materials**.

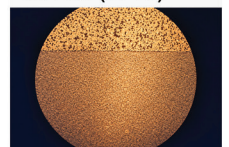
BEARING MATERIAL COMPOSITION

Sr.No.	Bearing Material	Copper Cu %	Lead Pb %	Tin Sn %	Antimony Sb %	Aluminium Al %
1	SAE 792 (HF2)	80	10	10	NIL	NIL
2	SAE 794 (HF-16)	73	23.5	3.5	NIL	NIL
3	SAE 49 (H-24)	74	25	1	NIL	NIL
4	SAE 12 Tin B.Babbit	3.5	0.5	88.5	7.5	NIL
5	SAE 13 Lead Babbit	NIL	84	6	10	NIL
6	SAE 783 (At 20)	1	NIL	19	NIL	80

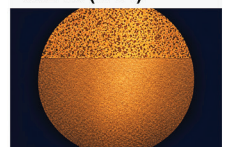
SAE 792 (HF-2)



SAE 794 (HF-16)



SAE 49 (H-24)

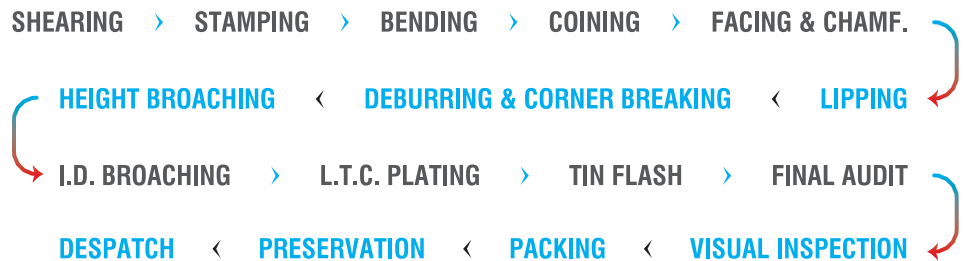
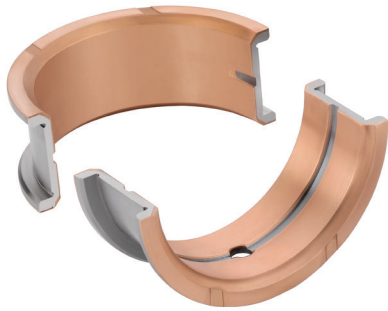


PROCESS FLOW

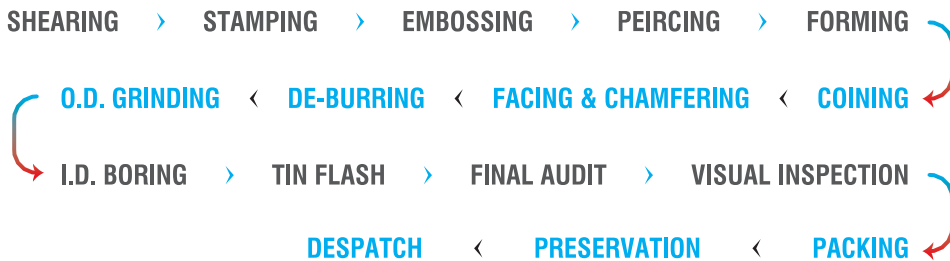
FROM PROCESS TO PRECISION

Controlled manufacturing processes for consistent bearing performance.

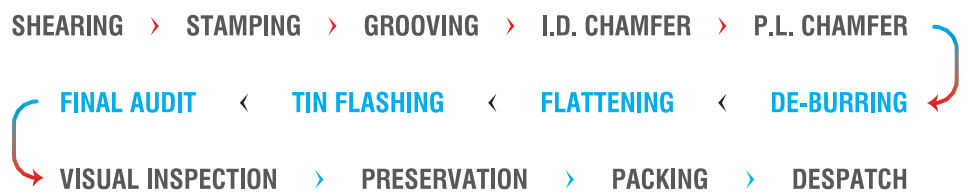
BI-METALLIC BEARINGS



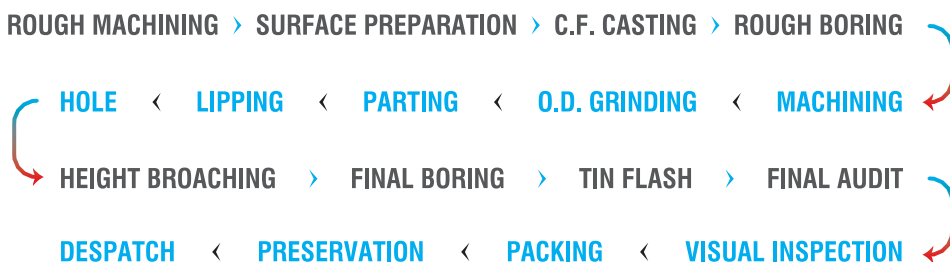
BI-METALLIC BUSH



BI-METAL THRUST WASHER



THICK SHELL BI-METALLIC BEARING & BUSH



TECHNICAL SUPPORT

MORE THAN JUST A COMPONENT **SUPPLIER**

A bearing is a critical component of a larger mechanical system. Therefore, understanding its application is essential.

Our technical team can support customers with discussions related to:

- Bearing construction
- Material selection
- Dimensional requirements
- Bearing clearances
- Application conditions
- Component identification
- Drawing interpretation
- Inspection requirements
- Technical documentation

We believe that responsive technical communication is an important part of building a successful long-term customer relationship.

EXPORT & INTERNATIONAL BUSINESS

FROM **INDIA** TO **GLOBAL MARKETS**

Asiatic Bearing Co. is expanding its international business with a clear focus on establishing **long-term relationships with global OEMs, distributors, importers and industrial customers.**

Our international business approach is based on:

RELIABLE QUALITY

Consistent manufacturing and inspection practices.

TECHNICAL COMMUNICATION

Clear understanding of drawings and specifications.

RESPONSIVE SERVICE

Prompt communication from enquiry to delivery.

FLEXIBLE MANUFACTURING

Capability to address standard as well as application-specific requirements.

LONG-TERM PARTNERSHIP

A relationship-driven approach rather than a transaction-driven approach.



WHY CHOOSE ASIATIC BEARING CO.

A PARTNER YOU CAN TRUST FOR THE LONG RUN



With decades of Experience and a commitment to quality, Asiatic Bearing Co. continue to be a trusted partner for industries.

50+ YEARS OF EXPERIENCE

Manufacturing experience since 1974.

CUSTOM MANUFACTURING

Products manufactured according to drawings, samples and specifications.

MATERIAL FOCUS

Attention to bearing material quality and suitability.

LONG-TERM APPROACH

We aim to develop lasting relationships with our customers.

INDUSTRIAL APPLICATION KNOWLEDGE

Experience across multiple demanding industries.

TECHNICAL SUPPORT

Support from enquiry through application and production requirements.

QUALITY CONTROL

Inspection and process control throughout manufacturing.



OUR COMMITMENT

To manufacture reliable bearing solutions, provide responsive service and continuously improve our capabilities.

We understand that our products become part of our customer's machinery — and therefore our responsibility does not end when the component leaves our factory.

Every component represents our commitment to:

- Quality in Materials
- Precision in Manufacturing
- Consistency in Performance
- Responsiveness in Service

OUR MISSION

To deliver quality-driven bearing solutions with precision, reliability, competitive pricing and responsive service that create lasting value for our customers.

OUR VISION

To be a globally trusted bearing partner, recognised for engineering excellence, consistent quality and long-term customer relationships.

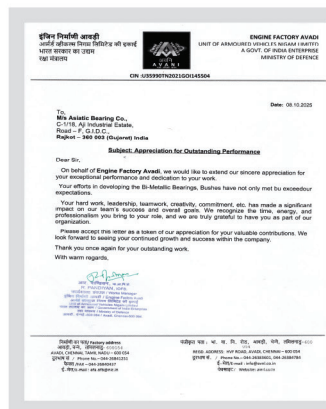
BUILDING GLOBAL PARTNERSHIPS

INFRASTRUCTURE & FACILITIES



QUALITY | SERVICE | RELIABILITY

AWARDS & CERTIFICATIONS





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**Download
Brochure**



Manufacturer of Non-Ferrous & Bi-Metal Thin/Thick Shell Bearings, Bushes & Thrust Washers