



**~~HAR ROAD LOAD~~  
KE LIYE  
READY!**



## AMRIT AUTO

*Precision Engineered.  
Globally Trusted.*

Backed by the Poddar Group and 30 years of engineering experience, Amrit Auto is a premium auto-ancillary brand recognized for superior metallurgy and uncompromising quality.

ISO 9001:2015 certified-trusted by Tier-I Clients and major Export Houses. Amrit Auto delivers precision-engineered, heavy-duty automotive components built to perform reliably over the long term.

## ABOUT PODDAR GROUP

*Legacy Strength.  
Manufacturing Power-house.*

Amrit Auto is a proud member of the Poddar Group—an established corporate house with diversified business interests and a reputation for quality, reliability, and ethical growth.

The Group's deep industry experience and robust infrastructure empower Amrit Auto to deliver world-class products to OEMs, distributors, and global markets.

## ABOUT AMRIT AUTO

*Engineering Excellence  
Since Day One*

Amrit Auto Ancillaries is a leading manufacturer of premium quality Bushes, Pins, King Pins Assembly (Kit), King Pin Bushes, Bearings, Bolts, Center Bolts, Equaliser & Lift Axle Suspension, and Allied Components for Automotive, Earthmover, and Industrial Applications.

Built on decades of metallurgical expertise and OEM-focused processes, Amrit Auto serves customers who demand nothing but the best.

*Vision To become a globally respected automotive component manufacturer by delivering superior quality, innovation-driven solutions, and lasting partnerships.*

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**PNG FURNACE**

## **MANUFACTURING & INFRASTRUCTURE**

*Where Precision is Manufactured*

- German Electric Casting Plant
- 500-Ton Forging Unit
- Japanese CNC/VMC Machining Centres
- 100 kVA Induction Plant
- Continuous Quench & Temper (Q&T) Line
- Thread Rolling Machine
- SPM (Special Purpose Machine)
- Slotting Machine
- Multi Station Drilling & Tapping Machine
- Surface treatment plant
- In-house Tool Room
- Laser Marking & Advanced Packaging Systems

*Every facility is designed to meet stringent OEM and international standards.*



**CNC TURNER**



**HYDRO-PNEUMATIC SPM**



## PRODUCT SHOWCASE

### Premium Product Range

Aluminum Bronze, Phosphor Bronze, and Silicon Bronze, Gun Metal, Rubber & PU Bushes, Induction Hardened Pins and 8.8, 10.9, 12.9 Grade Lift Bolts & Center Bolts.

- Bell Crank Bush
- Spring Bush
- King Pin Bush
- King Pin Bearing & Assembly
- Trailer Bush & Pin
- Gear Slider Pad
- Bell Crank Pin
- Spring Pin
- Center Bolts
- Industrial Bushes
- Equaliser Bush & Pins
- Lift Axle Bush
- Lift Axle Bolts



*Designed for durability, load-bearing strength, perfect fitment, low failures and long service life.*

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**Quality and Certifications**  
*Quality Built Into Every Product*

- ISO 9001:2015 Certified
- Compliance with ASME, BS, DIN, IATF 16949, IS & SAE Standards
- In-process audits & 100% final dimensional & metallurgical inspection
- SPC & Batch Traceability system
- Advanced in-house quality laboratory

**R&D and Quality Assurance**

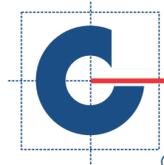
- Spectro Analyser
- Tensile Testing Machines
- Universal Testing Machines (UTM)
- Rockwell & Brinell Hardness Tester
- Dimension and geometry testing machines
- Surface roughness tester
- Metallurgical microscope
- Heat Treatment Analyser



*Inspired by the Japanese philosophy:  
"Build Quality into the Product."*



JAS-ANZ



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**ISO 9001:2015 CERTIFIED**

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## **APPLICATIONS & MARKETS**

*Trusted Across Heavy-Duty Applications*

- Heavy & Light Commercial Vehicles
- Trailers & Tractors
- Earthmovers & Mining Equipment
- Industrial Machinery

Supplied to leading OEMs and exported across multiple international markets.



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## **THE AMRIT PROMISE**

### *Partnering Performance*

With consistent OEM-grade quality, competitive pricing, timely delivery, and technical support, Amrit Auto stands as a long-term partner—not just a supplier. Amrit Auto — When performance matters.

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## **WHY AMRIT?**

- OEM grade Metallurgy
- Precision Machining
- Constant Quality across high-load applications
- Strong technical and application support
- Easy Availability

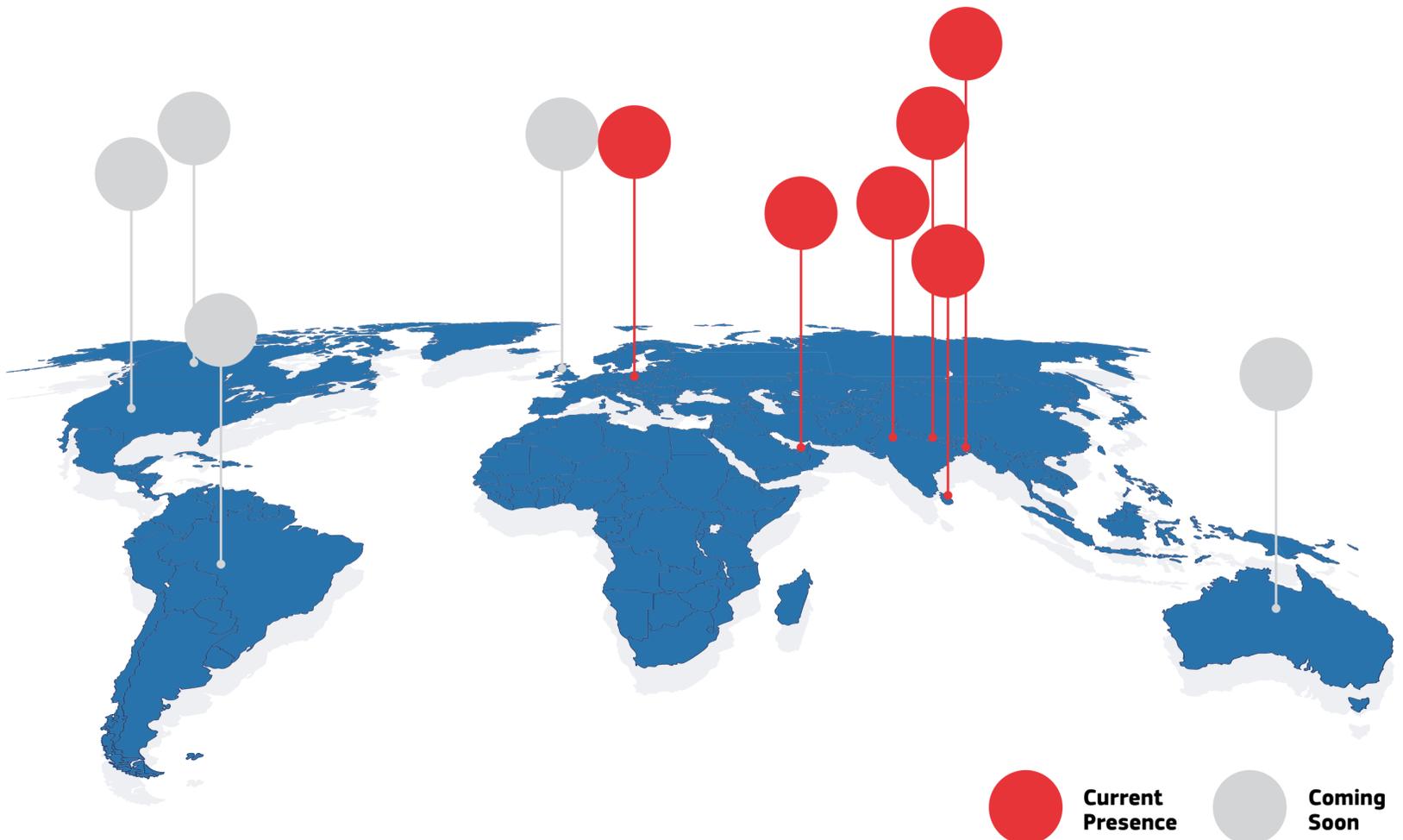


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## OUR PRESENCE



## MATERIAL PROPERTIES, CHEMICAL COMPOSITIONS & PROCESS

<b>AMRIT BUSHES</b>	<b>AB1/AB2 PROPERTIES: CHEMICAL COMPOSITION CUAL10FE3 PROCESS: DIE CASTING WITH CORE IN PNG FURNACE</b>		
Cu 83-87% Al 8-10% Fe 1.5-3.5% Ni 3-5% Mg 1% max Other 1% max	Hardness: Tensile Strength Concentricity Piece Break Outside Reference: Suitable Composition for Slow Motion	70-80 HRB (120~150 BHN) 500-540 MPa 0.100 No IS Standard 305	
<b>PINS</b>	<b>CARBON STEEL PROPERTIES: COMPOSITION SPECIFICATION EN8D</b>		
C 0.42-0.50% Si 0.10-0.35% Mn 0.60-0.90% S 0.35 max	Hardness: Core Hardness: Case Depth Hardness:	58 ± 3 HRC 175-235 BHN upto 1.25-1.75 mm	
<b>BOLTS</b>	<b>CARBON STEEL WITH ADDITIVES QUENCHED AND TEMPERED UP TO GRADE 12.9 SURFACE FINISH : PHOSPHATING / AUTO BLACK AS PER IS 3618 ZINC-FLAKE COATING (GEOMET TYPR) AS PER OEM SPECIFICATIONS OR ISO 10683</b>		
<b>Specifications:</b>	<b>Grade 8.8</b>	<b>Grade 10.9</b>	<b>Grade 12.9</b>
Carbon	0.40 Max	0.35 Max	0.50 Max
Phosphorus	0.035 Max	0.035 Max	0.035 Max
Sulphur	0.035 Max	0.035 Max	0.035 Max
Boron	0.003 Max	0.003 Max	0.003 Max
Rockwell Hardness	23-34 HRC	32-39 HRC	39-44 HRC
Tensile Strength	800-830 N/mm <sup>2</sup>	1000-1040 N/mm <sup>2</sup>	1200-1220 N/mm <sup>2</sup>
Stress	640-660 N/mm <sup>2</sup>	900-940 N/mm <sup>2</sup>	1080-1100 N/mm <sup>2</sup>
Breaking Torque	See ISO 898-7	See ISO 898-7	See ISO 898-7



**AMRIT AUTO ANCILLARIES AND COMPANY**

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