



ACCURATE BEARING COMPONENTS



innovate . manufacture . excel



In the ever challenging market to improve quality and reduce costs, we are constantly focused on engineering leaner techniques and frugal concepts to meet the demand.

innovate

manufacture

Continual upgradation to the latest manufacturing technology gives us the required edge in the market.



excel

Our constant focus on improving equipment efficiency, TAKT time, QCO and Kaizen initiatives help us deliver cost-competitive and superior quality components.

ABOUT US

Founded in 1992 & situated in Bengaluru, Accurate Bearing Components is a one-stop-destination for high precision automotive components across a wide range of commercial vehicles, tractors & passenger cars.

Forging a culture of innovation and growth, we have widened our spectrum beyond automotive and driven industry standards in sync with market evolution.



**PARTNERSHIP
THAT HELPS YOU
GROW**

VISION

To be the most reliable and technically advanced supplier of a wide range of solutions for our customers.

MISSION

To acquire new customers while still retaining our existing ones.
To create environmentally aware and safe solutions using energy-saving technologies to ensure our business growth does not impede the environment.

UNIQUELY POSITIONED in the INDUSTRY

- An array of customized & value-added products
- A state-of-the-art infrastructure using modern technology
- Connected technology using Industry 4.0
- A total installed capacity of 6+ million parts
- Superior Production, Maintenance, QMS, & Administration Process
- Stringent adherence to quality-assurance measures
- A steadfast network of OEMs that is constantly expanding
- A robust supply chain mechanism
- Continued investment in R&D
- Deep-rooted commitment to environmental sustainability





Good Manufacturing Practices GMPs

- 5-S & Kaizen tools to focus on continuous improvement
- OEE & TAKT Time monitoring for manufacturing excellence
- Water Conservation for water-neutrality
- Continued efforts in reducing Carbon Footprint
- Material-usage optimization, waste minimization & recyclability
- Constant improvement in employee health & safety standards
- Adopting renewable energy for all our manufacturing needs

WHY US

We are committed to provide quality products and supply chain solutions to our customers and also to achieve the highest level of quality and safety within our facility.

Strict protocols in place to ensure all critical control points in production are identified and checks put in place to prevent deviations. This commitment has been lauded by employees and awarded by customers



QUALITY with INTEGRITY

- **QMS certifications include ISO 9001:2015 and IATF 16949:2016**
- **Mitutoyo & Baker measuring instruments for accuracy**
- **Surface Roughness Tester & a Contour Record Machine from Carl Zeiss**
- **Special Inspection Fixtures to meet the close tolerance & dimensional specs**
- **Rigorous quality-control practices to meet various contractual, statutory & regulatory requirements across varying stages of manufacturing.**

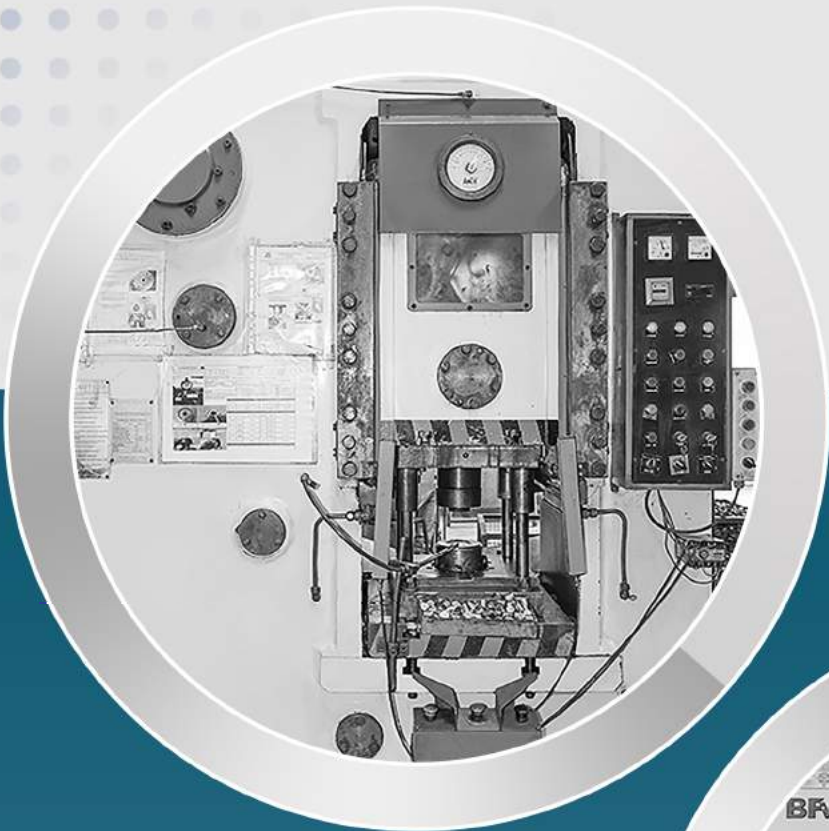
The **GREEN INITIATIVE**

steps towards environment sustainability



- **Embracing renewable energy with a 300Kw rooftop solar power plant**
- **250+ trees on the premises**
- **60,000 l of water conservation through Rainwater Harvesting**
- **In-house preparation of Bio enzyme solutions used for maintenance of campus**
- **Encouraging employee awareness to adopt environmentally sustainable lifestyle**

WHY US



Parts weighing between 70g-1500g can be forged using our mechanical and hydraulic presses ranging from 50T - 450T.

COLD FORGING

CNC TURNING

Range of automated twin spindle and semi-automated single spindle CNC turning centers that can machine parts upto 150mm dia.



HEAT TREATMENT

SCADA controlled sealed quench furnace setup from Ipsen and a range of annealing furnaces along with a metallurgical lab strengthen our critical process requirement.

Range of double disk grinders, centerless grinders, profile grinders, ID grinding and honing machines help us achieve close tolerances.

GRINDING



PHOSPHATING

Barelling machine, 6 tank phosphate coating setup and moly tumbling barrel take care of our phosphating needs.



PROJECTION WELDING

State-of-the-art projection welding and tensile testing machines ensure quality consistency of each weld on our range of stabilizer link sub assemblies.

INFRASTRUCTURE



STEERING RACE - BEARING OUTER

Our outer races are manufactured for high rigidity and low frictional torque. With a focus on economy of production and functional safety our products meet customer specific requirement.

OD	ID	WIDTH	MATERIAL
Φ 30 - 80	Φ 15 - 40	8 - 35 mm	SAE 52100

STEERING RACE - BEARING INNER

The inner races are manufactured using a range of special purpose grinding machines to achieve high tolerance & superfinishing machines for superior finish and performance.

OD	ID	WIDTH	MATERIAL
Φ 30 - 80	Φ 15 - 40	8 - 35 mm	SAE 52100



BALL JOINT / HYDRAULIC CY SUB ASSEMBLY - TOP CUP

The top cups are machined to precision by a fully automated cell consisting of twin spindle CNC turning center, automated inspection system and an integrated FANUC Robot.

OD	ID	WIDTH	MATERIAL
Φ 30 - 60	Φ 8 - 15	20 - 50 mm	SAE 1018



BALL JOINT SUB ASSEMBLY - BOTTOM CUP

Our high-volume bottom cup manufacturing line is supported by double spindle gantry automated CNC turning centers to meet the ever increasing market demand.

OD	ID	WIDTH	MATERIAL
Φ 25 - 55	Φ 10 - 20	15 - 50 mm	SAE 1018



STABILIZER LINK SUB ASSEMBLY

Our stab links are manufactured using a high precision projection welding machine that ensures consistent weld quality, critical to every part.

CUP OD	ROD DIA	BETWEEN CENTER	ANGLE
Φ 32	Φ 8	265	180°
Φ 27	Φ 8	65	90°
Φ 27	Φ 8	78	295°
Φ 27	Φ 8	110	70°

CUSTOM MACHINING & COMPONENTS

We are equipped with a range of machines that increases the scope of service we can provide for specific applications



PRODUCTS



ACCURATE BEARING COMPONENTS

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