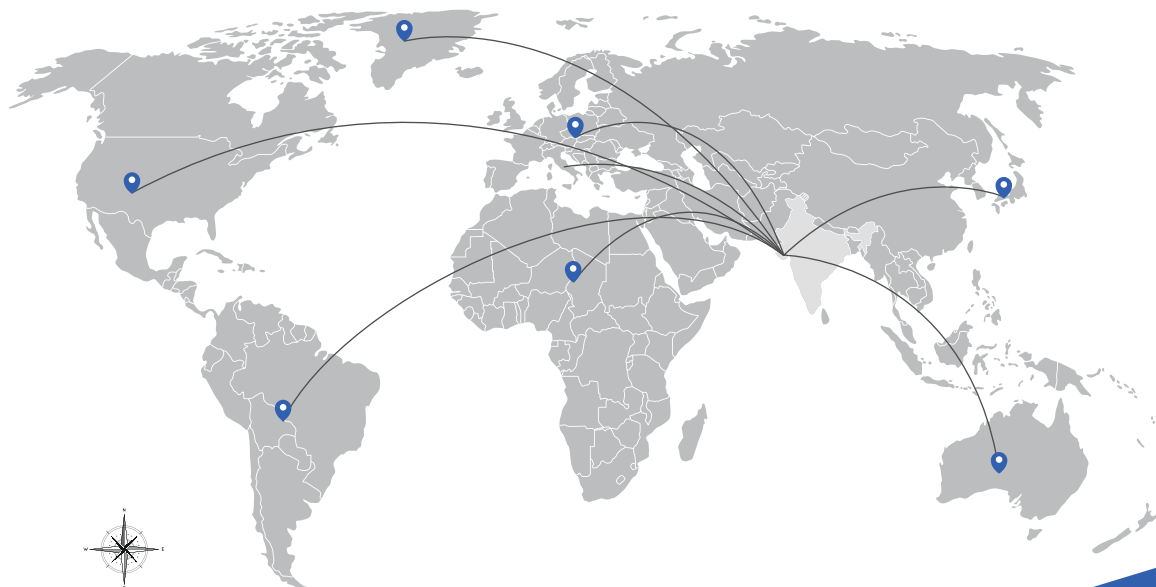


/ Clients & Exports

ZVL. Auto spol s.r.o (Slovakia)
TATA Steel Ltd. (Kharagpur, Kolkata)
RSB Transmission Ltd. (Pune)
Kalyani Technoforge Ltd. (Pune)
ARB Bearings Ltd. (Delhi)
Synnova Gears Transmission Pvt. Ltd. (Rajkot)
Orbit Bearing India Pvt. Ltd. (Rajkot)

/ Experience & Expertise

With over 10 years of experience in the forging industry, we have conducted extensive market research and established a strong presence in European countries, in addition to our domestic market. Our team of experienced professionals is dedicated to delivering exceptional products and services.



/ Achievements

Best NPD Award

By RSB Transmission-Pune

Best Quality & Top Supplier

By TATA Steel Ltd-Kharagpur

Best Quality & Top Supplier Award

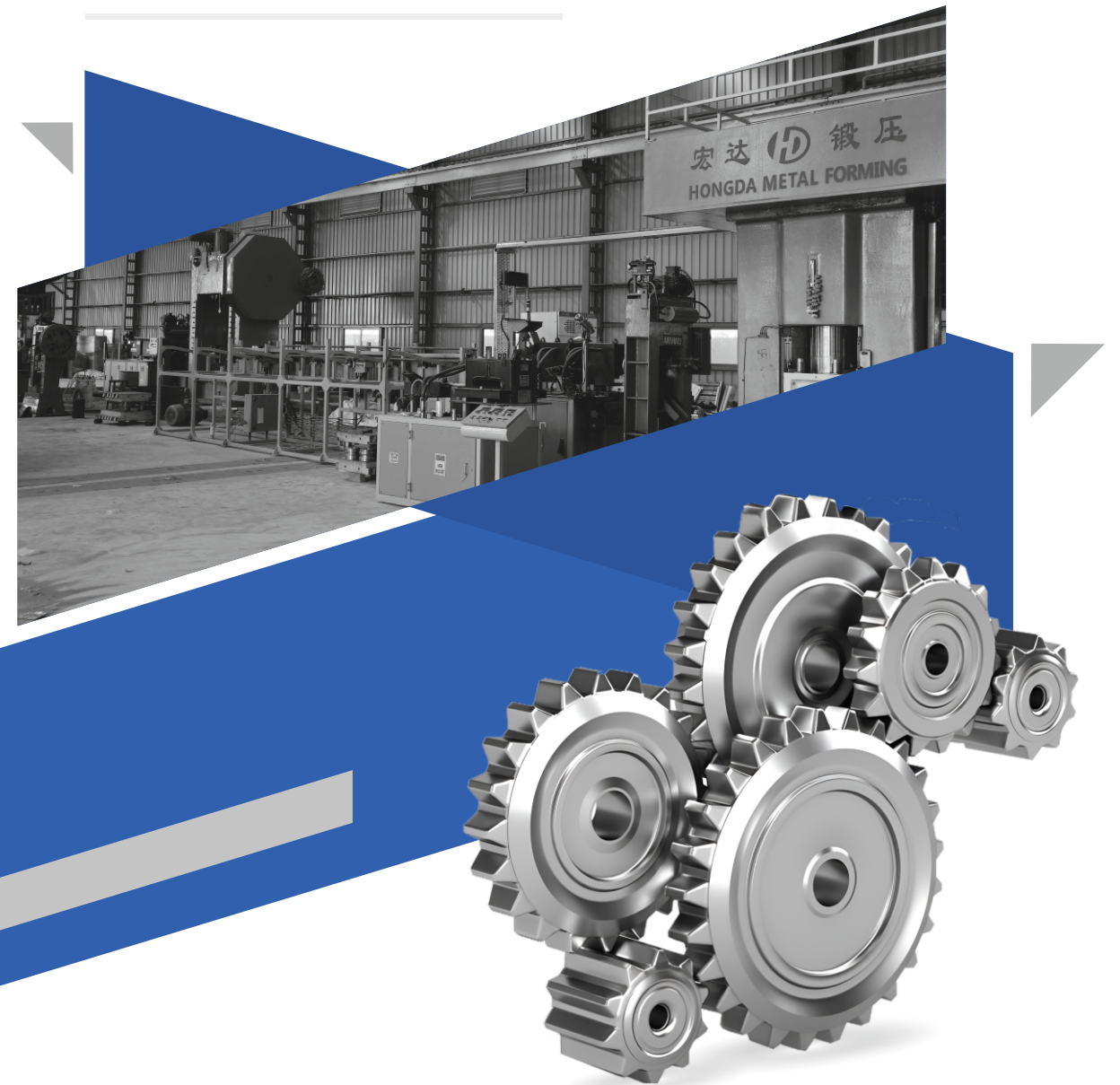
By ZVL Auto-Slovak



an IATF Certified Company

MANUFACTURE & EXPORTER OF

Rolled Rings, Bearings Races,
Automotive Components,
Specializing in Complex Metal
Components and Versatile
Casting Products.



/ CONTACT US

📍 **Shingadia industries Pvt Ltd.** Survey No. 349, Plot No 1 to 12, Near Varun Casting
Ta: Kotda Sangani, Dist Rajkot At: PADAVALA-360024 (Gujarat-India)

🌐 W: www.sipl-india.in

📞 P: +91 97250 39336

✉ E: info@sipl-india.in

🌐 www.sipl-india.in

/ About Company

Shingadia Industries Pvt. Ltd. Has steadily grown in to a full-fledged forging company under the self-motivated leadership of its MD. Mr. B Shingadia.

Now our new spacious plant incorporates a full fledged Forge Shop, Heat Treatment Shop, CNC Tuning Center, Tool Room and a modern Testing laboratory under one roof. Spreads over a total area of 87120 Sq. Feet (8094 Sq. Meter) and constructed area of of 40500 Sq. Feet (3762 Sq. Meter). Well established equipment with demand of current requirement by customers.

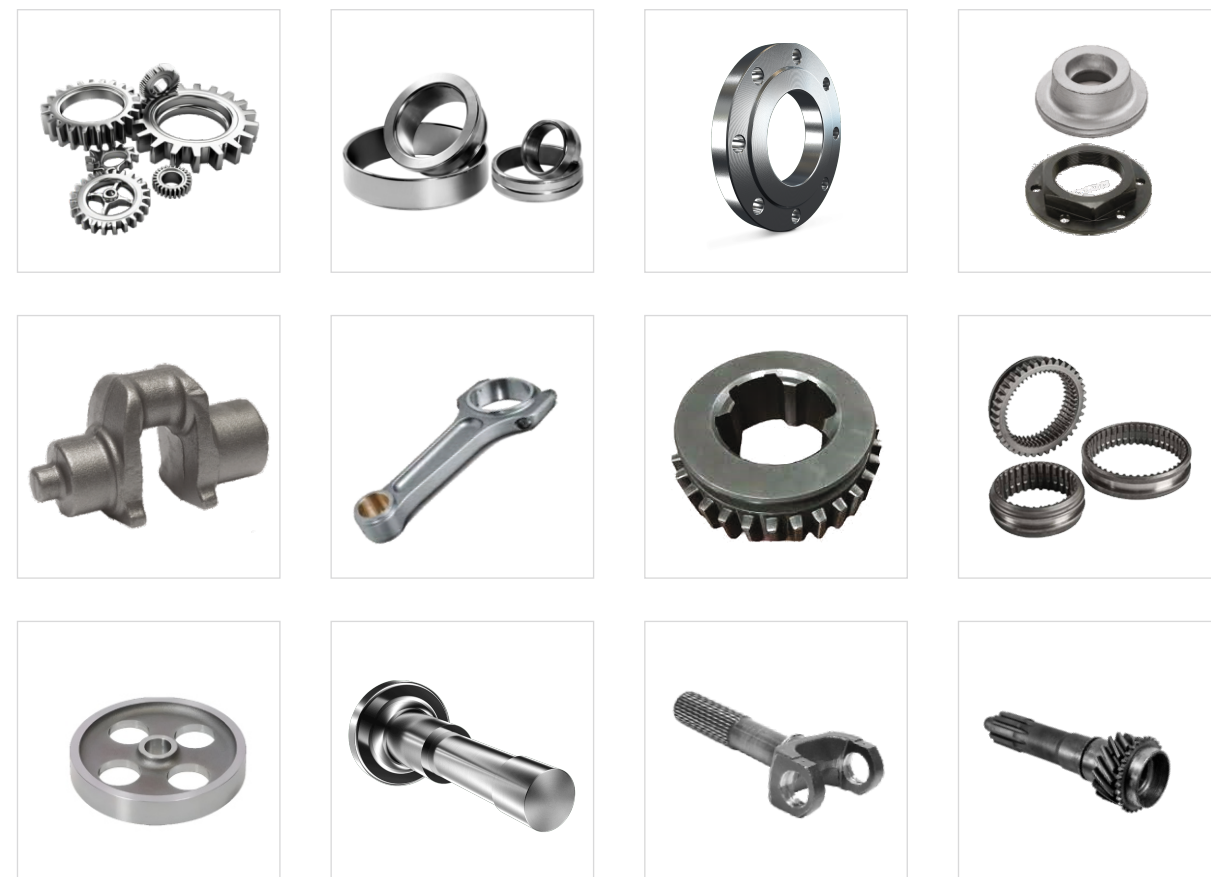
/ Our Products

As an advanced metalworking organization, we specialize in supplying engineered products and services for bearing races and other engineering products worldwide. Our commitment to using superior technology enables us to deliver best products available. Various types of Parts like,

1. Bearing Races
2. Gears
3. Gears Shafts

4. Flange
5. Oil & Gas Component
6. Connecting Rod

7. Crank Shaft
8. Casting Products



Our Infrastructure



Raw Material Storage Area

Secure and organized storage of raw materials, including steel bars Proper labeling and inventory management to ensure easy access and tracking

Forging Shop

Equipped with forging machines and tools for shaping and forming raw materials into desired shapes. Skilled workforce for manual and machine based forging operations.



Heat Treatment

Continuous Pusher Type Furnace : for heat treatment of long cylindrical parts Bell Type Furnace : for spheroidizeannealing of complex shapes



CNC Machining

16 CNC machines for precision machining and turning 1 VMC for complex milling operations. Skilled operators for programming and operating CNC machines

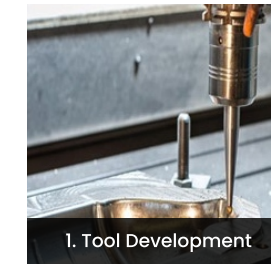


Quality Inspection

Dimensional inspection using precision measuring instruments. Visual inspection for surface defects and quality. Material testing for mechanical & Metallurgical properties and composition. Documentation and certification of inspection results.



Casting Manufacturing Process



1. Tool Development



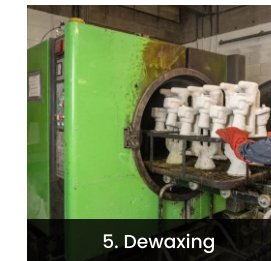
2. Wax Pattern Manufacturing



3. Wax Pattern Assembly



4. Ceramic Coating



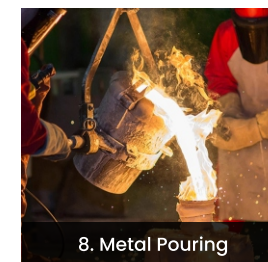
5. Dewaxing



6. Shell Baking



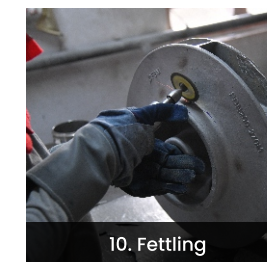
7. Inspection of Chemical Composition



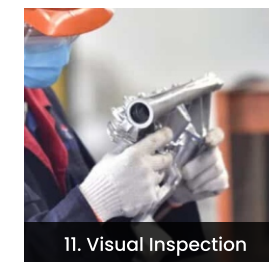
8. Metal Pouring



9. Knockout



10. Fettling



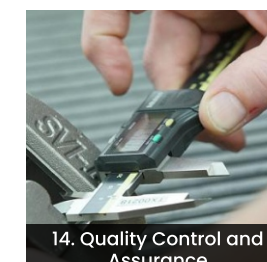
11. Visual Inspection



12. Heat Treatment



13. Machining



14. Quality Control and Assurance



15. Final Dispatch

Shingadia industries Pvt Ltd.has always been emphasizing in maintaining Quality and Productivity. To meet the high quality product standards, our experienced team takes utmost care during each and every step of manufacturing process.

3 Auto Injection Press **7 Manual** Injection Press **350 kg & 150 kg Melting** Induction Furnace **2 Shot** Blasting Machine **40 MT per month** Production Cap.

Supply Condition: Raw Castings, Machined Castings, finished, assembled as per customer requirement.

Job Handling Capacity: Size: Up to 700 mm length or diagonal, Piece Weight: From 0.05 to 100 kg., Surface finish: Ra 3.2 to 6.3 micron

Material Offered

We offer various grades according to ASTM, AISI, DIN, EN, GOST, JIS and other international standards. Flexibility of selection from Austenitic Stainless Steel, Carbon Steel, Low Alloy Steel, Martensitic Stainless Steel, Duplex steel, Precipitation Hardened Steel, Nickel based alloys, Ferric steel and any specific requirements.

Additional Tests

Surface roughness test, salt spray test, IGC practice A, B, C & E, G8 test, impact test, Bending tests as per requirements.

Coating

Zinc Coating, Pickling & Passivation, Electro-Polishing, Zinc And Manganese Phosphating as per Specific Standards, Mirror/ Matte Polishing, Liquid Painting, Powder Coating.

Quality Systems

Our trained and experienced engineers work from early in the project all the way to completion. We determine materials and methods that ensure the product meets or exceeds customer's expectations. Our advance tools and techniques deliver the results with cost effectiveness.

During product development, **Shingadia industries Pvt Ltd.** uses a rigorous Advance Product Quality Planning (APQP) System which emphasizes process failure mode and effect analysis. Our engineers utilize leading edge methods to simulate the filling of the mould and the solidification process. Your virtual cast part is created in this way for optimization and the avoidance of any flaws.

In production we achieve quality control and prevent defects from passing to the next stage via three point quality check system namely, In Process Inspection, Final Inspection and Pre-Dispatch Inspection. Our fully equipped work stations found throughout our casting and machining facility are an evidence of our commitment to Quality.

Cad systems
- NX CAD & CAM

Data exchange formats
- STEP 3D
- IGES 3D
- DWG 2D

Simulation software
- Magmasoft 5.4

ERP
- Solution One

Measure-test-document

Metal & Moulding Material

- Simulation Software- Magmasoft 5.4
- Thermo analysis
- Fully equipped Sand testing laboratory
- Metal Analyzer-Foundry
- Master Germany
- Microscopy
- Density Index Analyzer
- Tensometer and Die coat thickness and viscosity tester

Physical Properties

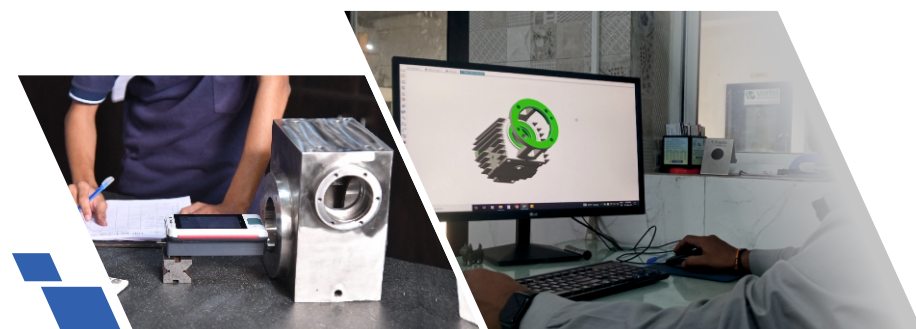
- Hardness Testing
- Tensile Testing
- X-ray Testing
- Pressure test for Leakage
- Ultrasonic Testing

Measuring

- Zeiss Contura G2 CMM with Scanning facility
- Mahr Marsurf XC2 for contour Measurement
- Mitutoyo Sj410 Surface roughness tester

Measuring

- Shrink Fit Machine- Haimer (Germany)
- Tool Pre Setter - Zoller (Germany)



Our Advance Capabilities

1. Precision Manufacturing

High-Tech CNC Machining:

- Multi-axis capabilities for producing intricate and high-tolerance components.
- Efficiently supports mass production with repeatable accuracy.

2. Custom Casting Solutions

- Expertise in aluminum, steel, and alloy castings tailored to customer specifications.
- Solutions for lightweight, durable, and corrosion-resistant parts in critical applications.

3. Customized Fabrication Techniques

- Welding, sheet metal forming, and custom assembly for unique industrial projects.
- Specialized fabrication for heavy-duty and load-bearing structures.

4. Tooling and Moulds

- **Investment Moulds:** High-precision tooling designed for long-term performance in production lines.
- **Die and Sand Casting Tooling:** Crafted to ensure seamless operations and consistent quality.

5. Engineering Design Support

- **CAD/CAM Expertise:** Advanced software-driven designs for prototyping and production optimization.
- Collaborative design iterations with clients to achieve innovation and efficiency.

6. Quality Assurance

- **Meticulous Testing:** Advanced equipment such as 3D scanners, CMMs, and tensile testing machines.
- Real-time monitoring systems for in-process quality checks.
- Certifications to meet international standards, ensuring compliance and trust.

7. Production Scalability

- Flexible operations to support small batch prototypes to large-scale productions.
- Proven systems to maintain precision across varying production volumes.

8. Material Expertise

- Mastery over a wide range of materials: lightweight alloys, high-strength steels, composites, and heat-resistant metals.
- In-depth understanding of material properties for optimal application performance

Customer List

- Tube Investment of India LTD. India
- Power Build Pvt Ltd India
- Captain Technocast LTD India
- J G Automotive (spain)
- ISP CO LTD (South Korea)

