






Start Co-development: Metals, Engineering, Auto & Machine Tools

Why Co-develop with IndiaUnbox?

India is a trusted partner in **metals, engineering components, automotive parts, and machine tools**, supplying to global OEMs, aftermarket, and industrial buyers.

Through IndiaUnbox, you can co-develop **precision-engineered components, assemblies, and tools** with **ISO/TS-certified factories** that combine **world-class machinery, R&D, and cost competitiveness**.

Our Co-development Process

1.  **Concept & Requirement Brief**
 - Define product requirements: castings, forgings, sheet metal, auto parts, machine tools.
 - Identify target markets: automotive, aerospace, construction, energy, industrial machinery.
 - Customization for OEM or aftermarket applications.
 2.  **Material & Process Selection**
 - Metals: steel, aluminum, brass, copper, alloys, composites.
 - Processes: casting, forging, stamping, machining, surface treatments.
 - Standards: ASTM, DIN, JIS, ISO.
 3.  **Prototyping & Sampling**
 - CAD/CAM and 3D modeling support.
 - CNC-machined prototypes, tool & die trials.
 - Pilot runs for dimensional and functional testing.
 4.  **Testing & Compliance**
 - Standards: ISO, IATF 16949 (auto), AS9100 (aerospace).
 - Tests: tensile, hardness, fatigue, NDT (UT, X-ray, MPI).
 - Surface treatment checks: plating, coating, painting.
 5.  **Production & Scaling**
 - Low-volume precision runs → high-volume automotive-scale production.
 - In-house tool rooms, foundries, forging presses, machining lines.
 - Global export packaging & supply chain support.
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What You Can Develop with Us

- **Engineering Components:** Castings, forgings, sheet metal, CNC parts.
 - **Automotive Parts:** Engine components, chassis parts, brake systems, filters.
 - **Machine Tools:** Cutting tools, jigs, fixtures, CNC machines.
 - **Assemblies & Fabrications:** Welded structures, modular systems.
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Why India for Metals & Engineering?

- **Global Manufacturing Base:** India exports engineering goods to 100+ countries.
 - **Cluster Strengths:**
 - Pune, Chennai, Gurugram → Automotive & engineering parts.
 - Rajkot, Coimbatore, Ludhiana → Machine tools & castings.
 - Jamshedpur, Bhilai → Steel & heavy engineering.
 - **Skilled Workforce:** Large pool of engineers & machinists.
 - **Compliance Edge:** Factories certified with ISO, IATF, AS, CE.
 - **Cost Competitiveness:** Lower production costs vs EU/US.
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Ready to Co-develop?

 Share your **requirement brief** today and start your journey from **design to production-ready engineering solutions** with IndiaUnbox.

 **Click to Start Co-development**