



HARIKRUSHNA
TECHNO FORGE

 **MADE IN INDIA**



Mfg. of All Types of
FORGING
COMPONENTS

www.htf.co.in



Company Profile

We aim to build a globally respected manufacturing powerhouse that delivers zero-defect forgings

HARIKRUSHNA TECHNO FORGE is a leading manufacturer of high-quality forging components, catering to a wide range of industrial applications. With a strong focus on precision, strength, and durability, the company delivers reliable forging solutions that meet diverse customer requirements across domestic and international markets.

Backed by modern manufacturing infrastructure and advanced forging technology, HARIKRUSHNA TECHNO FORGE produces all types of forging components with consistent quality and dimensional accuracy. The company follows well-defined production processes, ensuring efficiency, repeatability, and adherence to customer specifications at every stage.

Quality is the foundation of HARIKRUSHNA TECHNO FORGE's operations. From the selection of raw materials to final inspection, strict quality control measures are implemented to ensure superior performance of each component. A skilled workforce and a culture of continuous improvement enable the company to maintain high standards while meeting delivery commitments.

Driven by customer satisfaction and long-term partnerships, HARIKRUSHNA TECHNO FORGE continuously invests in technology upgradation and process optimization. With a commitment to ethical business practices, innovation, and sustainable growth, the company aims to be a trusted forging partner for industries worldwide

**Precision Forged,
Strength Assured.**



Driven by a commitment to quality and customer satisfaction, we serve as a dependable forging partner for industries that demand performance, consistency, and trust.



Engineering Strength
into Every Forging.

Mission

To manufacture high-precision forging components that meet global quality standards by combining advanced technology, skilled workmanship, and a commitment to timely delivery—while building long-term partnerships with our customers through trust, reliability, and performance.

Vision

To become a globally recognized forging solutions provider, known for engineering excellence, consistent quality, and continuous innovation—contributing to the growth of our customers, our people, and the manufacturing industry at large. To expand our global footprint while maintaining uncompromised manufacturing standards.

Quality Policy

We are committed to achieving total customer satisfaction by:

*Delivering forging components that conform to customer specifications and applicable standards
Maintaining consistent quality through robust process control and continual improvement
Using modern machinery, quality raw materials, and skilled manpower
Complying with statutory, regulatory, and safety requirements
Continuously improving our Quality Management System to enhance efficiency and reliability*



Cutting Machine

- » 20 mm to 200mm dia Bursting
- » Benso machine
- » circular machine up to 90 diameter

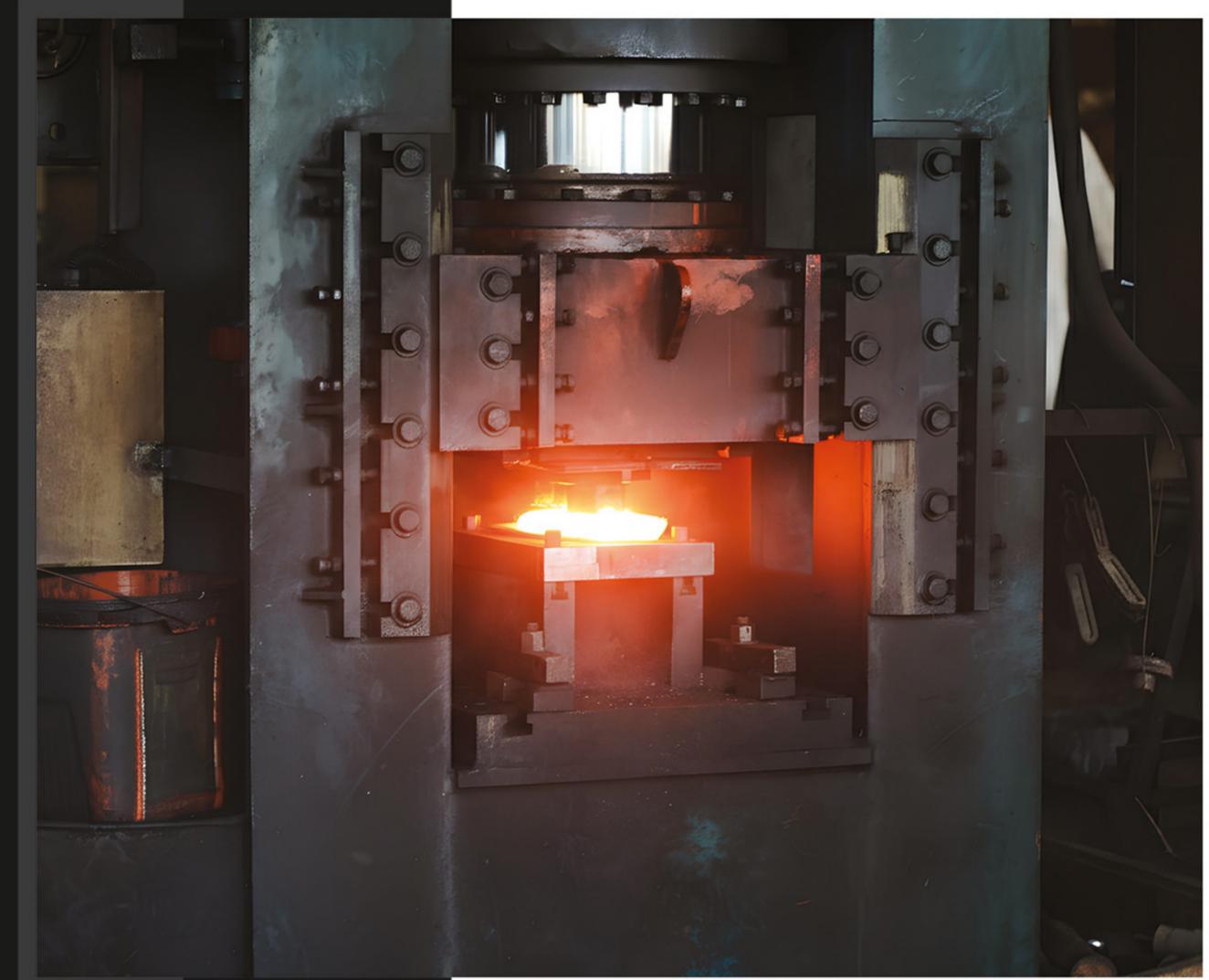
CNC & VMC Machine

- » 200 Dia CNC Machine
- » 250 Dia CNC Machine
- » VMC for Tolling & Die Developing

Forging Hammer

- » 1 M Ton Belt Drop Hammer
- » 1.5 M Ton Belt Drop Hammer
- » 2.5 M Ton Belt Drop Hammer

Manufacturing Facilities



Who We Are

Harikrushna techno forge is a precision-focused manufacturing company specializing in all types of forging components for industrial applications. We combine advanced forging technology, skilled craftsmanship, and strict quality control to deliver components that offer superior strength, accuracy, and reliability. Driven by a commitment to quality and customer satisfaction, we serve as a dependable forging partner for industries that demand performance, consistency, and trust.



FRICTION BUSH

Where to use

Used in machinery and mechanical assemblies to reduce friction and wear between moving or rotating shafts—commonly in industrial machines, automotive components, pumps, and equipment pivots.

Specification

Type : Friction Bush
Function : Reduces friction, supports smooth rotation
Material : Typically hardened steel or bronze alloy
Shape : Cylindrical with flange (for axial positioning)
Features : High load capacity, wear-resistant, maintenance-friendly



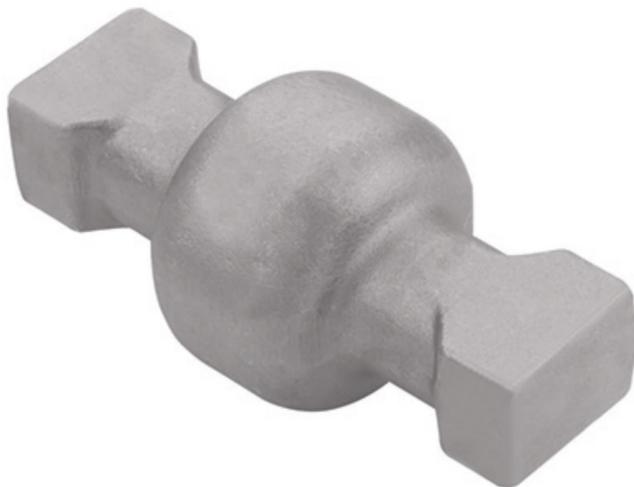
HOOK

Where to use

Used in lifting, rigging, and material-handling applications to securely attach chains, slings, or ropes—commonly in construction sites, workshops, warehouses, cranes, and industrial equipment.

Specification

Type : Lifting Hook
Material : Forged steel
Marking : SWL (Safe Working Load) indicated on body
Finish : Natural / shot-blasted metal finish
Design : Solid eye with heavy-duty hook end
Features : High strength, load-bearing, impact resistant, suitable for heavy lifting operations



TORQUE ROD BAR

Where to use

Used in heavy vehicles and industrial machinery to control torque movement, maintain axle alignment, and reduce vibration—commonly in trucks, trailers, buses, and heavy-duty equipment.

Specification

Type : Torque Rod Bar
Function : Controls rotational force and stabilizes axle movement
Material : Forged or cast high-strength steel
Design : Solid bar with reinforced ends for high load resistance
Features : High durability, impact resistant, suitable for heavy torque loads



LINK LOWER

Where to use

Used in suspension and linkage systems to connect and support moving components –commonly applied in heavy vehicles, agricultural machinery, and industrial equipment to maintain stability and proper alignment.

Specification

Type : Lower Link
Function : Supports and transfers load within linkage or suspension systems
Material : Cast or forged high-strength steel
Design : Reinforced body with central bore for shaft or pin fitment
Features : High load-bearing capacity, wear resistant, long service life



LINK LOWER

Where to use

Used in suspension and linkage mechanisms of heavy vehicles and industrial machinery to connect moving parts, support loads, and maintain proper alignment during operation.

Specification

Type : Lower Link Component
Function : Transfers load and motion within suspension or linkage systems
Material : High-strength cast or forged steel
Design : Robust body with precision-machined central bore for pin or shaft mounting
Features : High load capacity, wear resistant, vibration tolerant



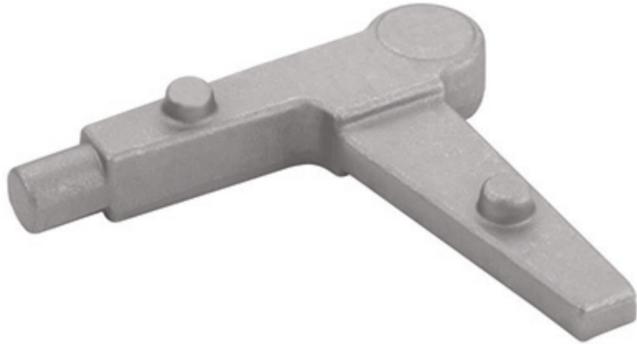
BODY

Where to use

Used as a main structural or connecting body in mechanical assemblies—commonly applied in automotive, agricultural, and industrial machinery to house, support, or connect multiple components.

Specification

Type : Mechanical Body / Housing Component
Function : Supports, aligns, and connects internal or external parts
Material : Cast iron or cast steel
Design : Solid cast body with integrated connection points
Features : High strength, impact resistant, durable construction



LEVER

Where to use

Used in mechanical and industrial systems to transmit manual or mechanical force for operating, adjusting, or controlling movement—commonly found in machinery, automotive mechanisms, and equipment controls.

Specification

Type : Mechanical Lever
Function : Transfers and multiplies applied force
Material : Cast or forged steel
Design : L-shaped solid lever with reinforced contact points
Features : High strength, wear resistant, reliable force transmission



TIE - ROD

Where to use

Used in steering, suspension, and linkage systems to connect components and transmit linear force—commonly applied in vehicles, agricultural machinery, and industrial equipment for alignment and controlled movement.

Specification

Type : Tie Rod
Function : Transfers push-pull forces and maintains alignment
Material : Forged or machined high-strength steel
Design : Straight rod with integrated eye/bore end for pin or joint fitment
Features : High tensile strength, wear resistant, durable under load



BLADE

Where to use

Used in agricultural and industrial machinery for cutting, leveling, or soil-working operations—commonly fitted in tillers, cultivators, harvesters, or similar equipment where durable cutting or guiding action is required.

Specification

Type : Machine Blade
Material : Cast or forged high-strength steel
Design : Curved profile with tapered ends and mounting holes
Finish : Natural / shot-blasted metal finish
Features : High wear resistance, strong impact tolerance, long service life



GEAR

Where to use

Used in mechanical power transmission systems to transfer rotational motion and torque—commonly applied in agricultural machines, industrial equipment, gearboxes, and automotive assemblies.

Specification

Type : Gear / Gear Wheel
Material : Cast iron or forged steel
Design : Circular gear body with central bore for shaft mounting
Finish : Natural / machined metal finish
Features : High strength, wear resistant, smooth torque transmission



LEVER SEAT

Where to use

Used as a mounting or seating component in mechanical and transmission assemblies—commonly applied in gearboxes, lever mechanisms, and industrial machinery to support, locate, or secure rotating or moving parts.

Specification

Type : Lever Seat / Mounting Flange
Material : Cast iron or cast steel
Design : Circular flange with raised central hub and bolt holes
Finish : Natural / shot-blasted metal finish
Features : Precise fit, high strength, vibration resistant



BONNET

Where to use

Used in mechanical, agricultural, and industrial assemblies as a locking, holding, or protective component—commonly applied in linkage systems, valve mechanisms, or equipment fittings to secure or guide moving parts.

Specification

Type : Bonnet / Locking-Holding Component
Material : Cast or forged steel
Design : Compact vertical body with side pins and open slot
Finish : Natural / shot-blasted metal finish
Features : High strength, impact resistant, reliable fit



CRANK

Where to use

Used in mechanical and industrial machines to convert rotary motion into linear or oscillating motion, commonly applied in gearboxes, agricultural equipment, and manual operating mechanisms.

Specification

Type : Crank / Motion-transfer component
Material : High-strength cast steel or alloy steel
Design : Zig-zag / offset crank shape with cylindrical ends
Finish : Shot-blasted / natural metal finish
Features : High load capacity, wear resistant, precise motion transfer



TIE ROD

Where to use

Used in mechanical and automotive systems to connect and transmit motion or force between components, commonly applied in steering linkages, suspension systems, and industrial machinery assemblies.

Specification

Type : Tie Rod / Linkage Rod
Material : Forged or cast high-strength steel
Design : Bent rod with eye joint on one end and solid rod end on the other
Finish : Shot-blasted / natural metal finish
Features : High tensile strength, wear resistant, accurate force transmission



SS RING

Where to use

Used as a spacer, sealing ring, or support ring in mechanical assemblies, valves, pumps, and industrial equipment to maintain alignment, spacing, or sealing between components.

Specification

Type : SS Ring / Spacer Ring
Material : Stainless Steel
Shape : Circular ring with precision inner and outer diameter
Finish : Machined / natural metal finish
Features : Corrosion resistant, high strength, long service life



TEE

Where to use

Used in piping and fluid flow systems to connect three pipes and allow direction change or distribution of liquid, gas, or air. Commonly used in plumbing, hydraulic lines, pneumatic systems, and industrial pipelines.

Specification

Type : Tee Pipe Fitting
Material : Cast steel / forged steel (as per application)
Shape : T-shaped with three equal or unequal openings
Finish : Raw / machined / coated finish
Features : High strength, pressure-resistant, durable construction



FORK

Where to use

Used in automotive and industrial linkage systems to connect rods or shafts and transmit motion—commonly applied in clutch mechanisms, brake linkages, suspension assemblies, and mechanical control systems.

Specification

Type : Fork / Yoke Component
Function : Connects and guides linkage or rod movement
Material : Cast or forged steel
Design : Solid body with forked ends for pin or joint connection
Features : High strength, wear resistant, durable under repetitive load



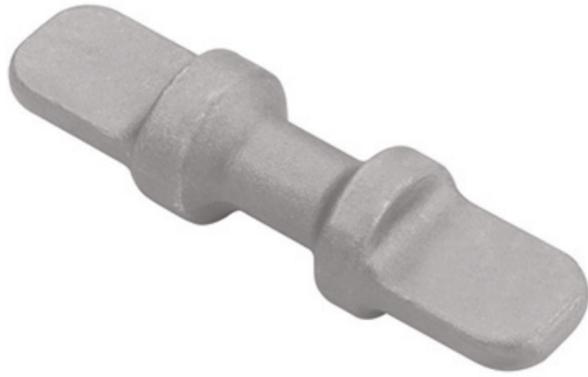
SQUARE BUSH

Where to use

Used in automotive, industrial, and machinery assemblies to reduce friction between moving parts—commonly applied in suspension systems, linkages, shafts, and rotating or sliding components

Specification

Type : Friction Bush / Square Bush
Function : Reduces wear and friction between metal components
Material : Cast iron or alloy steel
Design : Solid square base with cylindrical bush profile
Features : High wear resistance, load bearing, long service life



DOUBLE STEP PIN

Where to use

Used in automotive and industrial assemblies as a connecting or pivot pin—commonly applied in linkage systems, suspension parts, brake mechanisms, and machinery joints where controlled movement is required.

Specification

- Type : Double Step Pin
- Function : Acts as a pivot or locating pin for aligned components
- Material : Forged or machined high-strength steel
- Design : Stepped cylindrical profile for precise fit in multiple components
- Features : High shear strength, wear resistant, dimensionally accurate



FLANGE

Where to use

Used in automotive, industrial, and mechanical assemblies to support, locate, or mount rotating or fixed components—commonly applied in axle systems, shafts, hubs, and machinery connections.

Specification

- Type : Flange
- Function : Provides mounting surface and load distribution
- Material : Cast iron or forged steel
- Design : Circular base with raised central boss
- Features : High strength, dimensional stability, load bearing



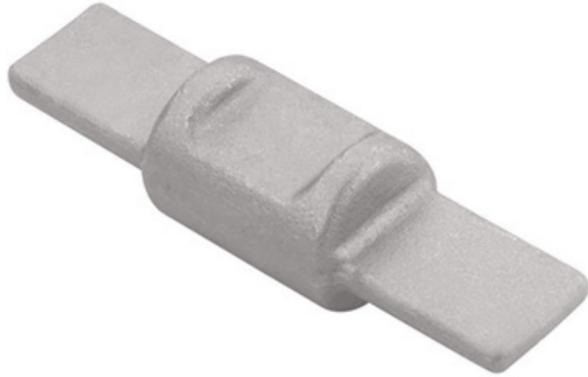
BAR PIN

Where to use

Used in suspension and linkage systems to connect components and allow controlled articulation—commonly applied in automotive axles, shock absorber mounts, and heavy-duty machinery joints.

Specification

- Type : Bar Pin
- Function : Acts as a mounting and pivot point
- Material : Forged or cast high-strength steel
- Design : Central cylindrical body with square ends and through holes
- Features : High shear strength, vibration resistant, durable construction



INNER PIN

Where to use

Used inside mechanical linkages and assemblies to align, locate, and transmit load between moving or fixed components—commonly applied in suspension parts, couplings, and heavy-duty machinery joints.

Specification

Type : Inner Pin
Function : Alignment and load-bearing pin
Material : High-strength forged steel
Design : Stepped profile with flat ends for secure fit
Features : High wear resistance, precise fit, durable construction



HYDRAULIC JACK PART

Where to use

Used inside hydraulic jacks to connect moving components, transfer lifting force, and ensure smooth and controlled operation during load lifting.

Specification

Type : Hydraulic Jack Link / Pin Component
Material : High-strength forged steel
Design : Eye-end with precision bore and cylindrical shank
Finish : Machined surface suitable for heavy-duty use
Features : High load-bearing capacity, wear resistance, durable under hydraulic pressure



ELBOW

Where to use

Used in piping and pipeline systems to change the direction of flow at a 90° angle, commonly applied in plumbing, water supply, irrigation, and industrial fluid lines.

Specification

Type : 90-degree pipe elbow
Function : Directional flow change
Material : Cast iron / forged metal (as applicable)
Connection : Female threaded ends
Features : Strong build, leak-resistant joint, corrosion-tolerant surface



TRACTOR TIE ROD

Where to use

Used in the tractor steering system to connect steering arms and transmit steering movement to the front wheels, ensuring proper wheel alignment and smooth turning.

Specification

Made from high-strength steel / forged steel
Robust cylindrical rod with bush/eye end
Designed to withstand high load, vibration, and shock
Corrosion-resistant finish for long service life
Suitable for tractor front axle & steering linkage applications



BONNET

Where to use

Used in the tractor body assembly to support, lock, or hinge the engine bonnet/hood, ensuring proper opening, closing, and secure positioning.

Specification

Manufactured from heavy-duty cast / forged steel
Strong locking/hinge-type design for bonnet support
Resistant to vibration, heat, and mechanical stress
Rust-resistant surface finish for longer life
Suitable for tractor bonnet and engine cover applications



GEAR

Where to use

Used in the tractor gearbox or transmission system to transfer power and control speed and torque between rotating shafts.

Specification

Manufactured from high-grade cast steel / alloy steel
Precision-machined for smooth power transmission
Designed for high torque and continuous load
Wear- and heat-resistant construction
Suitable for tractor transmission and drivetrain applications



HYDRAULIC ELBOW

Where to use

Used in the tractor hydraulic system to change the direction of hydraulic oil flow between pipes or hoses at an angle.

Specification

Made from high-strength forged steel / cast steel
Elbow-shaped connector for hydraulic lines
Designed for high-pressure oil flow
Leak-proof and wear-resistant construction
Suitable for tractor hydraulics and agricultural machinery



HOOK

Where to use

Used in tractor and agricultural equipment for lifting, pulling, towing, or securing chains and implements.

Specification

Made from high-strength forged steel
Heavy-duty hook design with smooth curved profile
Capable of handling high load and pulling force
Wear- and corrosion-resistant finish
Suitable for tractor linkage, towing, and farm operations



ORTHOPEDIC PART

Where to use

Used in orthopedic surgical procedures for bone fixation and support, commonly as a bone nail / pin to stabilize fractured bones.

Specification

Made from medical-grade stainless steel / titanium alloy
Smooth, precision-machined surface to minimize tissue damage
High strength and biocompatible material
Resistant to corrosion and body fluids
Suitable for temporary or permanent orthopedic implantation



RING

Where to use

Used in tractor and agricultural machinery assemblies as a support, spacer, or seating ring for shafts, bearings, or housings.

Specification

Made from high-quality cast steel / alloy steel
Precision-machined inner and outer diameter
Provides proper alignment and load distribution
Wear- and corrosion-resistant construction
Suitable for tractor gearbox, axle, and mechanical assemblies



PIN

Where to use

Used in tractor and agricultural machinery to join, lock, or support moving parts, commonly in linkages, hinges, and assemblies.

Specification

Made from high-strength forged steel / alloy steel
Solid cylindrical pin with head for secure locking
Designed to withstand shear load and vibration
Wear- and corrosion-resistant finish
Suitable for tractor linkage, hydraulic, and mechanical assemblies



TRANSMISSION LINE PART

Where to use

- Insulator Connection: It connects ball-and-socket type disc insulators to other hardware like yoke plates or tower cross-arms.
- Tension & Suspension: Used in both suspension strings (where the wire hangs) and tension/strain strings (where the wire ends or turns).

Specification

Feature	: Typical Specification
Material	: High-tensile Forged Steel or Ductile Iron
Finish	: Hot-Dip Galvanized (to prevent rust/corrosion)
Mechanical Strength	: 45kN, 70kN, or 90kN (depending on conductor type)
Security Pin	: Stainless Steel (R-type or W-type locking clip)
Standards	: Compliant with IS:2486 or IEC 60120

PIN



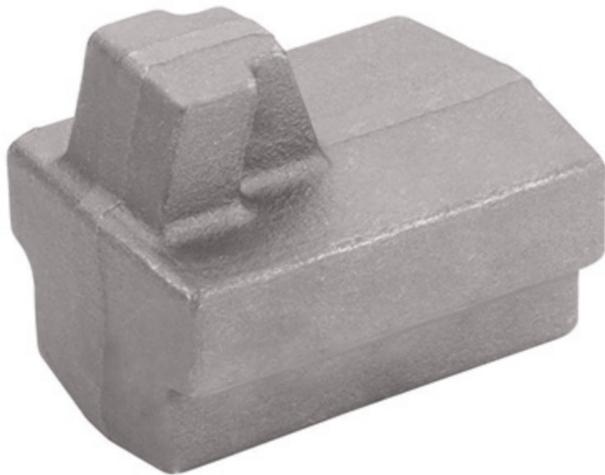
Where to use

- Pole/Tower Attachment: The bottom threaded shank of the pin is bolted through the cross-arm of an electric pole or transmission tower.
- Insulator Support: The top "head" of the pin is screwed into the inner cemented thimble of a 33kV Pin Insulator.

Specification

Feature	: Specification Details
Material	: Forged Mild Steel or Carbon Steel
Finish	: Hot-Dip Galvanized for high corrosion resistance
Shank Diameter	: 24 mm (Standard for 33kV lines)
Shank Length	: Minimum 130 mm for 33kV applications
Mechanical Strength	: Minimum failing load of 10 kN

CNC CHUCK JAW



Where to use

Used in CNC lathes and turning machines to hold and grip workpieces firmly during machining operations.

Specification

Made from high-grade alloy steel / hardened steel
Precision-machined gripping surface for accurate holding
Heat-treated for high hardness and long life
Resistant to wear, vibration, and high-speed rotation
Compatible with standard CNC chuck systems

DOOR HANDLE



Where to use

Used in residential, commercial, and industrial doors for opening and closing doors easily and safely.

Specification

Made from high-quality stainless steel / alloy steel / aluminum
Ergonomic design for comfortable grip
Smooth surface finish for long-lasting appearance
Resistant to rust, wear, and daily use



VALVE BODY

Where to use

Used in hydraulic and pneumatic systems, engines, and industrial machinery to control and direct the flow of fluid or air.

Specification

Made from high-grade cast iron / alloy steel / aluminum
Precision-machined internal passages for smooth flow
Designed for high-pressure and high-temperature operation
Leak-proof and corrosion-resistant construction
Suitable for automotive, tractor, and industrial valve systems



WING NUT

Where to use

Used in machines, fixtures, automotive parts, furniture, and electrical panels where frequent tightening and loosening by hand is required.

Specification

Made from mild steel / stainless steel / alloy steel
Hand-tightening design with wing grips
Standard internal threading for easy fitting
Corrosion-resistant finish (zinc plated / coated)
Suitable for quick assembly and maintenance work



ISO CERTIFICATE

TUVINDIA

Certificate

Management system as per
ISO 9001:2015

The Certification Body TUV INDIA PVT. LTD. hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

HARIKRUSHNA TECHNO FORGE
Survey No.64, Plot No.11, Nr. Sanjivani Casting, SIDC Road,
Ta. Kotda Sangani, Veraval (Shapar),
Rajkot - 360 024,
Gujarat,
India

operates a management system in accordance with the requirements of ISO 9001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope

Manufacture and Supply of Forged & Machined Components.

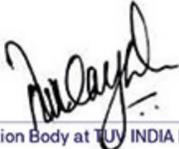
Certificate Registration No. **IND 100 24395050**
Audit Report No. **Q 13329/2024**

Valid from **29.04.2024**
Valid until **28.04.2027**
Initial certification **29.04.2024**



Visit our database to verify the validity of this certificate.

Mumbai, **29.04.2024**


Certification Body at TUV INDIA PVT. LTD.

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WHERE WE ARE



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SCAN FOR
LOCATION

WE SUPPORT

