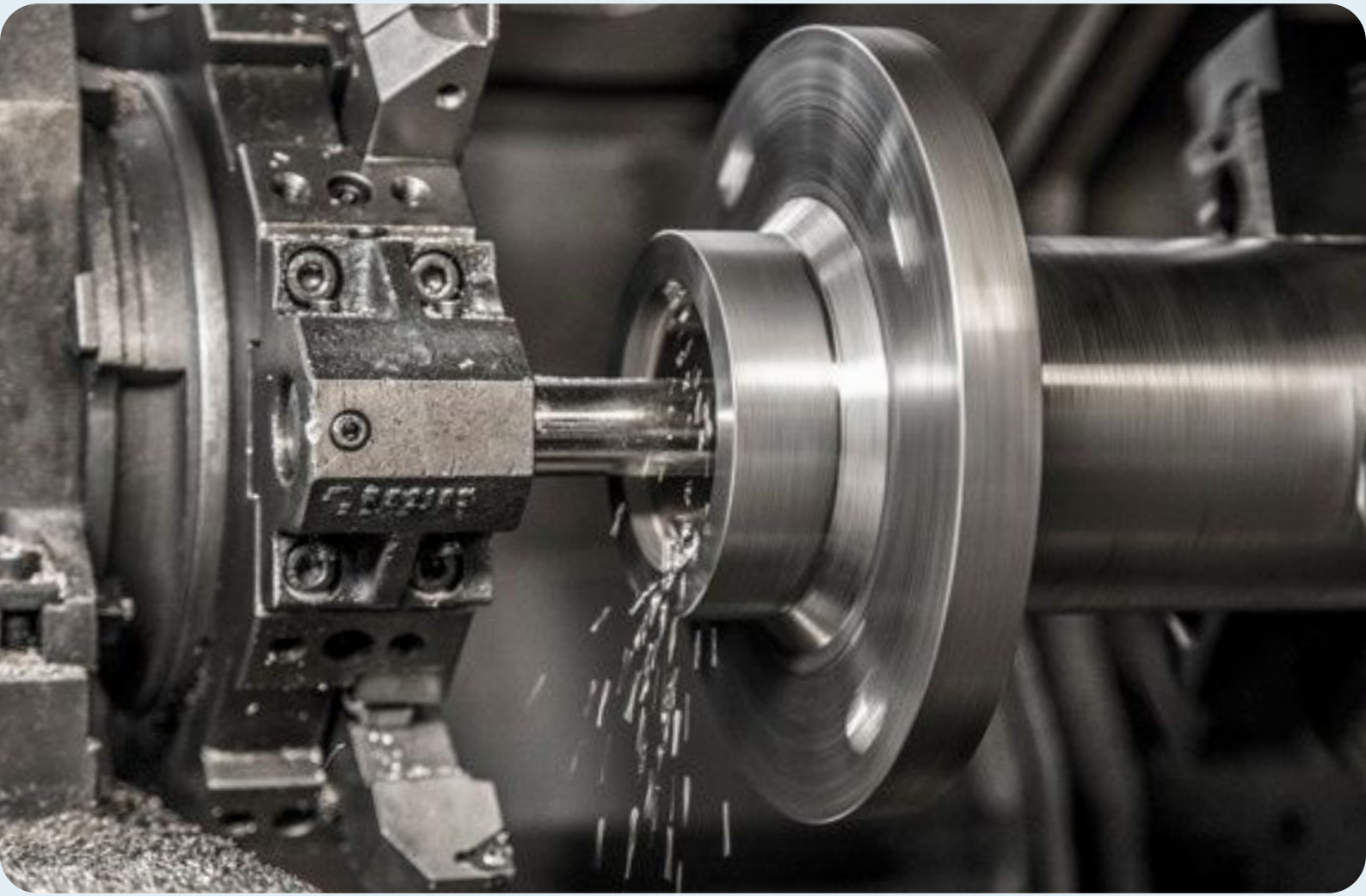


"Shaping Steel with Accuracy, Powered by Vision"



**Manufacture, Exporter & Supplier of Customized
Flanged and Forged Parts**

• Certification that's Verifide

- MSME Certified
- GST Certified
- IEC CODE



• About us

Griva Metal Industry is a leading manufacture and global exporter of precision forged stainless steel (ss) and mild steel (ms) forged product. we deliver forged tailored for industries where quality and performance are non-negotiable.

• Our mission

To deliver superior-quality forged product through advanced forging technology and ethical global trade practices, building lasting partnerships across borders.

• Our Vision

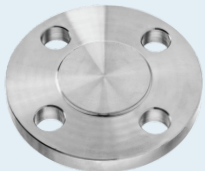
To be recognized as a premium brand in the global forging market—trusted for innovation, precision, and unwavering commitment to international standards.



• Flanges



ORIFICE



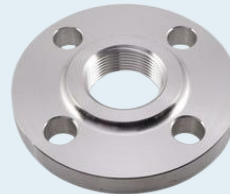
BLIND



WELD-NECK



LONG-WELD
NECK



SOCKET WELD



LAP JOINT



THREADED



SLIP-ON

• Flange Facing Types

- Raised Face (RF)
- Flat Face (FF)
- Ring-Type Joint (RTJ)
- Tongue and Groove (T&G)
- Male and Female (M&F)
- Lap Joint



• Size ,Thickness & Standards

Size : $\frac{1}{2}$ to 48"

Thickness : 150#, 300# ,400# ,600# ,900#, 1500#

Standards: ANSI , ASME, EN, ISO etc.

Surface Finish: stock finish, smooth finish.

NOTE: GRIVA METAL INDUSTRIES May also follow custom specification or design standards according to customer requirements.

• Types of Material

Carbon steel: ASTM A105, ASTM 350 Gr. LF2 , LF3
IS 6392 Gr. Pn6 ,10, 16

Stainless steel: ASTM A182 Gr. F304,
F304L/F304H, F316,316L/F316H

Alloy steel: ASTM A182 Gr. F5, F9, F11, F22

Duplex &

Super Duplex : ASTM A182 Gr. F51, F53, F55

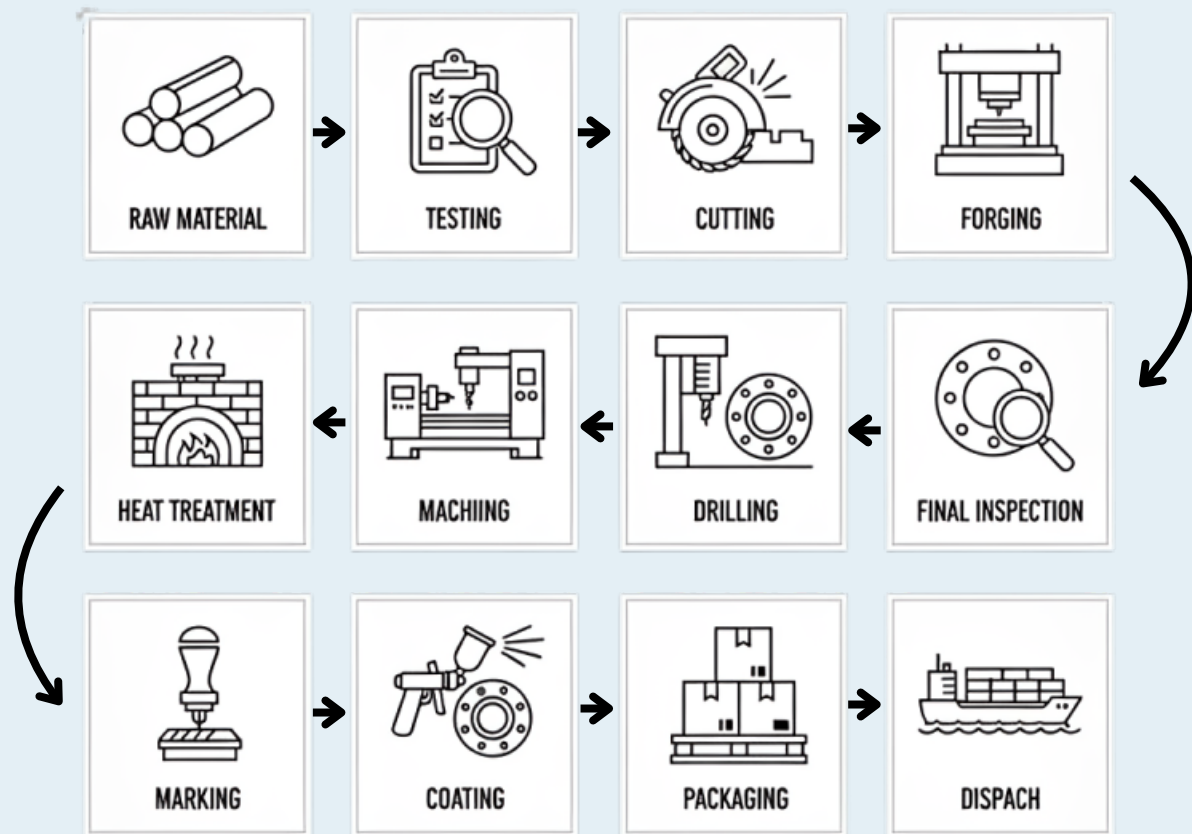


• Application

- Oil & Gas
- Chemical & Pharmaceutical
- Power Generation
- Manufacturing & Process
- Marine & Shipbuilding
- Water Treatment
- HVAC (Heating, Ventilation, and Air Conditioning)
- Food & Beverage
- Pulp & Paper
- Mining & Metallurgy



• FORGED FLANGE PRODUCTION PROCESS



• MACHINING CAPABILITISE

• CNC TURNING:

- FLANGE OD/ID WORK
- MAX TURNING DIA: UP TO 300 MM
- MAX LENGTH: 500 MM
- TOLERANCE: ± 0.05 MM OR TIGHTER AS SPECIFIED
- TOTAL MACHINING NUMBER : 8 UNIT

• VMC MILLING MACHINES:

- For precise facing, drilling, slotting, etc...
- TABLE SIZE: 850 X 500 X 500 MM
- SPINDLE SPEED: UP TO 7000 RPM
- TOOL HOLDERS: ALL BT SERIES HYDROLIC , MULTIPLE TOOL CAROUSEL OPTIONS
- TOTAL MACHINING NUMBER : 4 UNIT



• QUALITY POLICY

At GRIVA METAL INDUSTRIES, we are committed to Deliverd precision-machined flanges that meet the highest standards of quality, traceability, and compliance. Our focus is on forged flanges used in critical applications across oil & gas, boilers, valves, and process industries.



- **Certified Sourcing:** All flanges are procured from verified manufacturers with valid Material Test Certificates (MTC) and compliance to standards such as ASTM, ASME, EN, IBR, and PED.
- **Full Documentation:** Each flange is delivered with complete traceability, including:
 - ➔ Heat number mapping
 - ➔ Dimensional inspection reports
 - ➔ Buyer-specific quality documentation
- **Precision Machining:** Machining is performed on CNC/VMC setups with strict adherence to drawing specifications, ensuring:
 - ➔ Accurate bolt hole pitch and alignment
 - ➔ Surface finish and flatness
 - ➔ Consistent dimensional tolerances
- **Packaging & Identification:** Flanges are protected against corrosion, tagged with heat numbers, and labeled for easy inward verification.
- **Buyer-Centric Flexibility:** We support third-party inspections (TPI), stamping, and customized quality plans as per buyer requirements.
- **Process Discipline:** Our operations follow preventive maintenance schedules, calibrated instruments, and standardized work instructions.
- **Ethical & Transparent Practices:** We maintain responsible sourcing, safe working conditions, and transparent communication throughout the supply process.
- **Our Promise:** ➔ Deliver high-quality product and exceptional service.
 - ➔ Competitive price.
 - ➔ Build strong relationship with customer, buyer and supplier.
 - ➔ Consistently enhance process through stringent quality controls and proactive innovation.



• QUALITY ASSURANCE

At GRIVA METAL INDUSTRIES , quality assurance is not just a process — it's our promise. Every flange we supply undergoes strict quality control protocols to ensure reliability, compliance, and performance in critical applications.

OUR QA PRACTICES INCLUDE:

- Incoming Material Verification :
All flanges are sourced from certified manufacturers Material Test Certificates (MTC) are verified for grade, heat number, and compliance (ASTM, ASME, EN, IBR)
- Precision Machining Assurance :
CNC/VMC machining follows approved drawings and buyer specifications Bolt hole pitch, alignment, and surface finish are checked using calibrated instruments
- Documentation & Traceability :
Each flange is tagged with heat number and batch ID Dimensional reports, MTCs, and buyer-specific quality plans are provided
- Inspection Protocols :
Visual, dimensional, and surface inspections at multiple stages Third-party inspection (TPI) support available on request
- Packaging & Dispatch Quality :
Anti-corrosion protection applied Flanges packed securely with traceable labeling for easy inward verification
- Continuous Improvement :
Feedback-driven process upgrades Preventive maintenance and calibration schedules followed rigorously

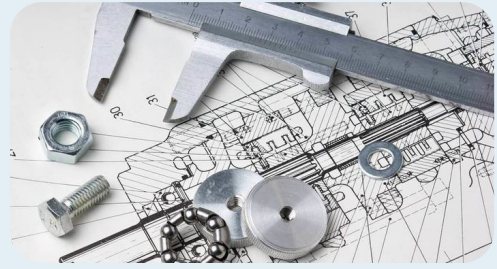
Standard Testing Protocols Include:

- Visual Inspection:
 - ➔ Surface finish, burrs, and forging defects
 - ➔ Marking clarity and heat number tagging
- Dimensional Inspection:
 - ➔ Outer diameter, thickness, bolt hole pitch, and alignment
 - ➔ Raised face height and bore diameter
 - ➔ Verified using calibrated Vernier, micrometer, and gauges
- Material Verification:
 - ➔ Review of Material Test Certificate (MTC) from manufacturer
 - ➔ Grade, chemical composition, and mechanical properties as per ASTM/ASME/EN/IBR standards
- Flatness & Surface Finish Check:
 - ➔ Surface finish measured in Ra (microns)
 - ➔ Flatness verified using dial gauges and surface plates
- Documentation Provided:
 - ➔ Dimensional Inspection Report
 - ➔ MTC copy with heat number mapping
 - ➔ Buyer-specific quality checklist (if applicable):



• Testing & Inspection – Detailed Overview

- We ensure every flange supplied meets stringent quality, dimensional, and compliance standards through verified physical tests, non-destructive testing (NDT), and third-party inspection (TPI) support.



1. Physical Testing (Conducted by Manufacturer or Certified Lab)

- **Tensile Test** : Confirms mechanical strength and elongation as per ASTM/ASME/EN standards.
- **Hardness Test**: Surface hardness verified using Brinell or Rockwell methods.
- **Impact Test (Charpy)**: Ensures toughness at specified temperatures (if required by buyer or standard).
- **Chemical Composition Analysis**: Spectrometer or lab-based verification of material grade and alloy content.
- **Documentation Supplied**: Physical test certificates with heat number mapping and standard references.

2. Non-Destructive Testing (NDT)

- **Visual Inspection**: Surface finish, burrs, forging/casting defects, and marking clarity.
- **Magnetic Particle Testing (MPT)**: Detects surface cracks in ferromagnetic materials (e.g., carbon steel flanges).
- **Dye Penetrant Testing (DPT)**: Reveals surface flaws in non-ferrous or machined areas.
- **Ultrasonic Testing (UT)**: Internal soundness check for forged flanges (on request or buyer specification).
- **Radiographic Testing (RT)**: X-ray based internal defect detection for critical applications (if specified).
- **Documentation Supplied**: NDT reports with inspector signature, method used, and acceptance criteria.

3. Third-Party Inspection (TPI) Support

- **Agency Coordination**: We arrange inspection slots with agencies like BV, TUV, SGS, Lloyd's, or buyer-nominated inspectors.
- **Pre-Dispatch Readiness** : Flanges are staged with full documentation: MTCs, dimensional reports, NDT certificates, and buyer-specific checklists.
- **Witness Testing & Verification** : Drawing compliance, stamping, tagging, and traceability review.
- **Corrective Action Handling** : Immediate resolution of non-conformities, re-inspection, and updated reports.
- **Post-TPI Dispatch** : Flanges packed with TPI clearance tags and signed inspection documents.

4. Final Documentation Package

Each dispatch includes:

- Material Test Certificate (MTC)
- Dimensional Inspection Report
- NDT Certificate (if applicable)
- TPI Clearance Report (if applicable)
- Heat Number Mapping Sheet
- Buyer-specific Quality Checklist (if required)





- Contact Us :

Mobile : +91 90166 74434

Email : grivametalindustries@gmail.com

Web : Grivametalindustries

GSTIN : 24CWBPV0933N1Z7

- Address :

SR NO-237, PLOT NO-7/8, JAY INDUSTRIAL ESTATE,
VERAVAL(SHAPAR), KOTDA SANGANI, RAJKOT, GUJRAT,
PIN CODE NO. 360024