



TUV Rheinland[®]


ISO 9001:2015



fivebros
Forgings Pvt. Ltd.

• Forgings • Flanges • CNC Machined Components

www.fivebrosforgings.com



Envisioning possibilities,
Creating opportunities...

Reaching Sky-High... Giving you the Competitive Edge...

Founded in 1999 as a grassroots industry, the vision of its promoters, Mr. Shrenik Vadhar and Mr. K.K. Syal, has shaped Fivebros Forgings Pvt Ltd (Fivebros) into a globally trusted name in forging and engineering excellence.

Over the years, Fivebros has grown into a leading manufacturer & exporter of Flanges, Closed Die & Open Forged Components, and Precision CNC Machined Custom Parts. Today Fivebros is a government of India recognized star export house, with a team of 180 professionals and customers in 30+ countries across Europe, the Gulf Region, Asia, and North America. Fivebros stands as a premier one-stop solution provider for global customers.

Serving critical industries — Oil & Gas, Chemical & Petrochemical, Power, Fertilizers, Fabrication, Instrumentation, Dairy & Food, and Marine — Fivebros is recognized for its state-of-the-art facilities, in-house design expertise, and a culture of continuous improvement.

The company holds prestigious approvals such as ADNOC, Petroleum Development of Oman, Qatar Energy, Norsok M-650, Canadian Registration Numbers, Engineers India Limited, IBR Well Known Forge, PED 97/23/EC, and AD 2000 WO, along with QMS Certifications as per ISO-9001:2015, ISO 14001:2015, ISO4501:2018.

With a strong reputation for reliability, precision, and quality, Fivebros is the preferred choice of world-class OEMs and leading Oil & Gas companies — strengthening global supply chains through trust, innovation, and performance.

Precise • Efficient • Flexible



fivebros
Forgings Pvt. Ltd.

"Forging the Future Through World-Class Manufacturing Facilities"

Equipped with cutting-edge technology and modern infrastructure, our facilities ensure precision, reliability, and excellence at every stage of production.

- Plant spread on a plot of **15000 sq.meters** of land with covered **area of 6000 sq. meters**.
- **Close Die Forging** Hammers and **Open Die Forging Hammers**.
- **"Natural Gas Fired"** forging furnaces equipped with state of art automatic controls enabling temperature control within ± 10 degree Celsius.
- **"Natural Gas Fired" heat treatment furnaces** equipped with state of art automatic controls enabling temperature control within ± 10 degree Celsius with recorders and graphs.
- Well equipped **Die making shop & tool room**.
- **Modern machine shop** with state of the art machines which include **CNC Lathes, CNC Machining Centre, Radial Drills, Pillar Drills, Conventional Lathes etc.**
- **Fast track raw material cutting facility on Automatic Band Saws**, other facilities like **Shot Blasting, Grinding etc.**
- Product testing facilities:
Chemical Testing, Physical & Impact Testing Machines, PMI Machine, Radioactivity Check Meter, Hardness Tester, Ultrasonic Test Machine, DP, MP, Surface Roughness Tester etc.

From forging to Heat Treatment, machining to packaging,, we deliver world-class solutions that empower industries worldwide.



CUTTING

8 Automatic Band Saw - Amada, Everisings etc
Sizes : Dia 5 to 400mm.



HEAT TREATMENT

"Natural Gas Fired"
Heat Treatment Furnaces equipped with
state of the art automatic controls.
Heat Treatment done in house include
solution Annealing, Normalising, Hardening
and Tempering



"Solid Steel. Solid Values."



Close Die :
 3 Tonne MPM Hammer,
 1 Tonne Belt Rope Hammer

Open Die :
 5 Tonne Pneumatic Hammer.
 5 Ton Messy Hammer

Close Die Forgings

Round Jobs – 0.5 kg – 90 kgs single piece

Profile Jobs – 0.5 kg – 35 kgs single piece

Items – Valve Bodies, Elbows, Tees, Hooks, Connecting Rods, Hubs, Yokes etc.

Open Forgings

Weight – Upto 1000 kgs single piece

Size – Upto 1100 Diameter

Items : Flanges, Tubesheet, Girth Flanges, Rings, Nozzles, Blanks, Shafts etc.

FORGINGS

MACHINING

- Forged : 5000 MT / Year
- Machined : 2000 MT / Year



- State of art Machine shop with built up area of 12000 sq/ft
- 18 Turning Centers
- Max Turning Dia – 560 mm • Max Turning Lth – 1500 mm
- Max Job Weight – 120 kgs • 3 Vertical Machining Centers
- Max Bed Size – 1500 x 1000 x 800
- Dozens of Manual Lathes • VTL's and Heavy Duty Lathes
- Automatic Marking Machine



- Physical Testing • Impact Testing
- Positive Material Identification (PMI)
- Hardness Testing • Micro Structure Examination
- Ultrasonic Testing • Magnetic Particle Testing
- Dye Penetrant Tests • Radioactive Meter
- Surface Roughness Tester

QUALITY CONTROL

TESTING FACILITIES

"Fivebros Forging delivers precision-engineered components with uncompromising quality and certified approval."

• Certificates

- ISO 9001 – 2015 by TUV
- ISO 14001 & 45001
- PED 97/23/EC by TUV
- NORSOK M650
- AD Merkblatt 2000 by TUV
- VdTUV 418 for Duplex Forgings & Rounds
- CRN's Canadian Registration Nos for all provinces
- Star Export House Recognized by Government of India
- PESR 2016 - UKAS

• Approvals

- Abu Dhabi National Oil Company (ADNOC)
- Petroleum Development of Oman
- Qatar Energy
- EIL Enlisted
- IBR Well Known Forge
- Ministry of Defence Ordnance Factory

Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 058982**

Certificate Holder: **Fivebros Forging Private Limited**
Plot No. 145-A, GIDC Estate, Dist. Bharuch
Ankleshwar 393002
Gujarat, India.

Scope: Design, Development, Manufacture, supply and Export of Instrumentation Valves, Precision Pipe Fittings Single / Double Ferrule Type Tube Fittings and Manufacturing of forged and Machined flanges including Steel Forging for Industrial use, Special Nickle and Titanium Alloy Flanges.

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity: The certificate is valid from 2024-04-21 until 2027-04-20.
First certification 2009

2024-04-15

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

www.tuv.com



CERTIFICATION & APPROVALS

At Fivebros, quality permeates everything we do. Our approach to Total Quality Control integrates every aspect of operations, including Product Quality, Customer Satisfaction, Human Resources, Infrastructure, and Environmental Responsibility.

We have developed a robust system that has evolved over the years. We continue to follow international best practices, adhering to ISO 9001:2015 standards to ensure consistency and reliability.

Forged Flanges & Stub Ends

MATERIAL SPECIFICATIONS: ASME / ANSI, AFNOR, DIN, EN, BS, JIS, AWWA, MSSP

GRADES	Stainless Steel	304/304L/304H, 316/316L/316H, 317/317L/317H, 321/321H, 347/347H, 316Ti
	Duplex	ASTM A182 F51, F60, F44(6Mo)
	Super Duplex	ASTM A182 F53, F55
	Nickel Alloys	Hastealloy C276, Monel 400, Alloy 625, 800, 825, 600, Alloy 20, Alloy C22
	Titanium	Grade 2
	Alloy Steel	ASTM A 182 F1, F5, F6, F9, F11, F22, F91
	Carbon Steel	ASTM A 105 / SA 266, ST37.2 / C22 / C22.8
	Low Temp Steel	SA 350 LF2
	High Yield Steel	ASTM F 694 F50, F52, F60

SIZE RANGE: FLANGES ½" to 36" (10mm to 900mm)

Standards	Types
ASME/ANSI B16.5	Welding Neck Flange, Slipon Flange, Blind Flange, High Hub Blind Flange, Socket Weld Flange, Lap Joint Flange, Threaded Flange, Ring Type Joint Flange
Pressure Class	150, 300, 400, 600, 900, 1500, 2500
ASME/ANSI B16.47	Welding Neck Flange, Blind Flange (series A & B)
Pressure Class	75, 150, 300, 400, 600, 900
ASME/ANSI B16.36 (Orifice Flanges)	Welding Neck Flange, Slipon Flange, Threaded Flange
Pressure Class	300, 400, 600, 900, 1500, 2500
JIS B2220/B2291	Welding Neck Flange, Slipon Hub Flange, Slipon Plate Flange, Shut off Flange, Square Flange
Pressure Class	5k, 10k, 16k, 20k, 30k
BS 4504	Welding Neck Flange (111/134), Hubbed Slipon Flange (112), Hubbed, Threaded Flange (113), Lapped Pipe End Flange(133), Plate Flange (101), Loose Plate Flange (102), Loose Plate with Weld Neck Flange (104), Blank Flange (105)
Pressure Class	PN 2.5 To PN 40
BS 10 Table	Welding Neck Flange, Plate Slip-on Flange, Screwed Boss Flange, Slip-On Boss Flange, Blind Flange D,E,F,H
DIN Flanges	DIN 2527, DIN 2566, DIN 2573, DIN 2576, DIN 2641, DIN 2642, DIN 2655, DIN 2656, DIN 2627, DIN 2628, DIN 2629, DIN 2631, DIN 2632, DIN 2633, DIN 2634, DIN 2635, DIN 2636, DIN 2637, DIN 2638, DIN 2673
Pressure Class	PN6 TO PN 320
Pr EN 1092-1	Plate Flange (01), Loose Plate Flange (02,04), Blind Flange (05)
Flanges	Welding Neck Flange (11) Hubbed Slip On Flange (12), Screwed Flange (13), Integral Flange (21)
Pressure Class	PN2.5 To PN100
ASME/ANSI B16.9/ MSS SP-4	Stub End
Type	A, B, C



fivebros
Forgings Pvt. Ltd.

CNC Machined Made to Drawing Components

Where Precision Shapes Possibility



Forged & Bar Cut

Items : Stub Ends, Collars, Plugs, Flangeolet, Olets, Plugs Threaded Nuts Connections etc:
 Size : As per customer Drawings
 Tolerances : Upto 15 Micrones
 Surface Finish : Upto Rz1
 Material : Stainless, Duplex, Nickel Alloys, Alloy & Carbon Steel

Size : As per customer Drawing
 Weight : 90 Kgs Close Die single piece
 Items : Double Flanged Bodies, Venturies, Kegels
 Material : Carbon, Stainless, Duplex & Alloy Steel.

Valve Parts

"Strength in Every VMC Cut."



With advanced VMC machining, we craft components that ensure consistency and reliability. Precision is not just a promise, it's our standard."

Instrumentation Forgings

Trusted Forgings for Precise Applications



Valves : Globe Valves, Double Block & Bleed Valves, Monoflanges, Ball Valves, Compression Fittings
Manifolds : 2,3 & 5 Way Valves 'T' & 'H' type Manifolds
Materials : F316L, F304L, F316Ti, F321, A105 & Nickel Alloys

Thermowell Forgings

Where Precision Shapes Possibility

Single piece forged thermowell body to avoid complicated welding process

Size : 1", 1 1/2" and as per customer drawings

Materials : Nickel Alloys, Stainless, Duplex, Alloy & Carbon Steel,



Forged Rings

Forged to Shield, Built to Last



Size : Upto 600 mm
Weight : Upto 800 kgs
Material : Stainless, Duplex, Alloy & Carbon Steel



fivebros
Forgings Pvt. Ltd.

"Precision in Every Forge, Strength in Every Industry."



• Forgings • Flanges • CNC Machined Components



fivebros
Forgings Pvt. Ltd.

Regd. Office :

534 Avior Corporate Park, Nirmal Galaxy, L.B.S Marg,
Mulund (w), Mumbai - 400 080

Tel.: +91-78170 80518

E-mail : sales@fivebros.in, export@fivebros.in

Web: www.fivebrosforgings.com

Works:

145-A, G.I.D.C Estate, Ankleshwar : 393002.Gujarat. INDIA.