

A. V. STEEL FORGINGS PVT. LTD.

Leading Manufacturer Of Heavy Steel Forgings





ISO 9001
BUREAU VERITAS
Certification

ABOUT US:

We are an open-die forging company based in Vadodara, Gujarat. Established in 2009, our family business is built on values of reliability, sustainability and innovation. We have been certified as an ISO 9001:2008 compliant organization.

We are capable of producing forgings from 50kg to 5000kg single piece weight. Spread over an area of 1,10,000 sq ft, our company employs the latest technology, processes and talent to ensure our products are of the best quality, cost competitive and delivered on time to our customers.

Our state-of-the-art manufacturing facilities in our GIDC plant includes a forge shop, die shop, heat treatment shop and machine shop along with a fully equipped inspection laboratory.

Quality You Can Trust

We are ISO 9001:2008 certified. We have set up our own in house testing facilities, which are managed by expert quality control inspectors. These include:

- Universal Testing Machine
- Impact Testing
- Magnetic Particle Inspection (MPI)
- Ultrasonic Testing
- Portable Hardness Tester
- Dye Penetrant Inspection (DPI)
- Hardness Tester
- Positive Material Identification (PMI)

Following agencies have conducted inspection at our end on behalf of our esteemed clients.

- TUV India Limited
- Bureau Veritas Industrial Services
- Tata Projects Ltd. (TPL)
- DODSAL
- L&T
- IRS
- Intertek

STEEL GRADES

CATEGORY	AISI / SAE / ASTM	DIN	B.S.	IS
Low Carbon Steel	1010, 1015, 1018, 1025, A105	CK10,CK15, CK25	EN2A, EN32B	CL1A, CL2A
Medium Carbon Steel	1035, 1045, 1055	CK35, CK45, CK55, CK65	EN8, EN8A, EN8D, EN9, EN43B, EN43D	CL3, CL4, CL5
Carbon+ MnSteel	1541, LF2	12Mn6, 36Mn5	EN14A, EN14B	2062, E350Br
Low Carbon,Chromium + Nickel Molysteel	8620	17CrNiMo6,18CrNiMo6 15CrNiMo6,16MnCr5, 20MnCr5	EN353, EN354, EN36C,EN352	17Mn1Cr95, 20MnCr1, 15niCr1Mo12, 15Ni2Cr1Mo15
Chromium+ Molysteel	4130, 4135, 4140, F11, F5, F9, F22	25CrMo4, 34CrMo4, 42CrMo4	EN19/ 709M40	40CrMo3
Medium Carbon, Chromium + Nickel Molysteel	4340, 4320	34CrNiMo6, 39NiCrMo3	EN24/ 817M40 EN-25/ 826 M31	40Ni6Cr4Mo3
Stainless Steels	SS 304, 304L, 304H, 316, 316L, 316H: 410, 416, 420, 431, F21, F22	X2CrNi189, X8CrNi1910, X5CrNiMo1812, X2CrNiMo1812	58E,58J	04C418Ni10, 02Cr18Ni11 04Cr1Ni12Mo2
Tool Steel	D2, D3, L6, H11, H13	1.2714, 1.2343, 1.2344	BD2, BD3, BH13	-

*Duplex SS: F51, F55 etc.

*Nickel Alloys: Monel 400, Inconel 625, Inconel 825, Alloy 20 etc.

*Other steel grades available on request

OUR PRODUCTS

Shafts

Size Range:	Max. Ø 500 mm & L 6000 mm
Weight:	Max. 5000 kg (5 Tons)/pc.
Applications:	Cement Machinery, Crushers, Industrial Fans, Material Handling Equipment, Motors, Power, Pulleys, Sugar Machinery



Rings

Size Range:	Max. OD 1200 mm & Thickness 300 mm
Weight:	Max. 2000 kg (2 Tons)/pc.
Applications:	Bearings, Earth Moving Equipment, Gears, Injection Molding Machinery, Oil & Gas, Plastic Extrusion Machinery, Turbines



Gear Blanks & Wheels

Size Range:	Max. OD 1000 mm
Weight:	Max. 2500 kg (2.5 Tons)/pc.
Applications:	Animal Husbandry, Cranes, Gears, Material Handling Equipment, Offshore & Marine Applications, Ports & Shipbuilding



Flanges

Size Range:	Flanges Range from: 1/4" to 48"
Types:	Weld Neck, Slip-on, Socket Weld, Threaded, Lap Joint, Blind
Applications:	Heat Exchangers, Oil & Gas, Piping, Petrochemicals, Pressure Vessels, Valves



Flats & Blocks

Size Range:	Max. 400 mm x 200 mm x 5000 mm
Weight:	Max. 4000 kg (4 Tons)/pc.
Applications:	Chemical & Medical Applications, Die Blocks, Material Handling Equipment, Plastic Extrusion Machinery



Hubs

Size Range:	Max. OD 700 mm & Thickness 500 mm
Weight:	Max. 2000 kg (2 Tons)/pc.
Applications:	Industrial Fans, Motors, Oil & Gas, Marine & Coastal Facilities, Food & Beverages Production



**Other products available on request*

OUR ESTEEMED CLIENTELE INCLUDES:

			
			
			
			
			
			
			

Plot No. 25, Savli GIDC Estate, Manjusar, Savli District, Vadodara, Gujarat
+91 9819066775, +91 2667264743 | sales@avsf.co.in; info@avsf.co.in

www.avsf.co.in

