



ALLIANCE PIPES & FITTINGS



***Your Trusted Partner for Project Piping Package.
Everything Under One Roof.***

QUALITY POLICY



At **Alliance Pipes & Fittings**, we are committed to delivering products and services that meet the highest standards of quality, safety, and performance in both our steel trading and manufacturing operations. We specialize in the trading of high-grade steel pipes, plates, and bars, and the precision manufacturing of steel pipe fittings and flanges for various critical industries. Our goal is to build long-term customer trust by consistently providing reliable, compliant, and cost-effective solutions.

OUR QUALITY COMMITMENTS

Customer Satisfaction

We aim to exceed customer expectations by ensuring consistent product quality, on-time delivery, transparent communication, and responsive service.

Compliance with Standards

We strictly adhere to applicable national and international standards (ASME, ASTM, DIN, EN, ISO, BIS) and ensure full statutory and regulatory compliance in all our operations.

End-to-End Quality Control

Our manufacturing division maintains stringent quality checks throughout the production lifecycle—from raw material selection to final inspection—with traceability, mechanical/chemical testing, and dimensional control.

Quality in Trading

In our trading business, we source materials only from reputed mills and approved suppliers, backed by mill test certificates (MTCs) and third-party inspection as required.

Employee Training & Accountability

We promote a quality-first culture by regularly training our team and empowering them to take ownership of quality at every level of the organization.

Supplier Collaboration

We partner with certified and reliable vendors to maintain consistency in raw material quality and ensure our products are built on a strong foundation.

Continuous Improvement

We review and improve our processes, systems, and customer feedback loops to enhance product quality, delivery efficiency, and organizational performance.

INSPECTION AGENCIES



CUSTOMERS & APPROVALS



Disclaimer: All brand names, trademarks, and mill names used in this catalogue belong to their respective owners. APF does not claim any ownership or exclusive rights to them. They are used only to help identify products and sources. Mention of any name does not mean that APF is officially connected, approved, or endorsed by those brands, unless clearly stated.

COMPANY PROFILE

Welcome to **Alliance Pipes & Fittings (APF)**, established in 2002. Initially focused on stocking and supplying Pipes, Tubes, Sheets, and Plates in Stainless Steel, Duplex Steel, Super Duplex Steel, Carbon Steel, Alloy Steel, and Nickel/Super Alloys, we have since expanded our capabilities.

Today, APF manufactures, processes, and supplies a comprehensive range of Forged Flanges, Plate Flanges, Welding Outlets, Forged Socket Welding Fittings, Forged Threaded Fittings, Taper Plugs, & Butt-Welding Pipe Fittings. Additionally, we have a dedicated trading & stock division for Pipes, Tubes, Sheets, Plates, and Bars in various materials, including Stainless Steel, Duplex Steel, Super Duplex Steel, Carbon Steel, Alloy Steel, Inconel, Incoloy, Monel, Hastelloy, Nickel, Alloy 20, Alloy 904L, 254 SMO, Titanium, Copper Nickel, Aluminium, Copper Brass, PVC, UPVC, CPVC, PP, and numerous other ferrous and non-ferrous metals to complete your total project package.

Our state-of-the-art manufacturing facility is equipped to produce all types of fittings, flanges, and fabricated pipes as per national and international standards, as well as customized specifications and drawings. These products serve a variety of industries, such as Refineries, Petrochemicals, Oil & Gas, Fertilizers, Pharmaceuticals, Food & Beverages, Sugar, Paper, Power, Wastewater Treatment, Shipbuilding, Aerospace, Engineering, Nuclear, Defence, and Research Centres.

Every stage of our manufacturing process, from forging and welding to machining and testing, is executed with modern equipment. Rigorous quality assurance and quality control procedures ensure that each material is thoroughly monitored throughout production. Our facility also collaborates with external chemical and mechanical laboratories for both destructive and non-destructive examinations. We provide original Material Test Certificates, Government/NABL-approved Laboratory Test Certificates, Third Party Inspection Certificates, and Guarantee/Warranty Certificates for all our supplies.



An ISO 9001 : 2015 Certified Company

APF's mission is to deliver the best customer service by supplying materials utilizing the latest technology, adhering to delivery schedules, monitoring project progress, and accommodating urgent requirements through our vast inventory of raw materials, semi-finished, and finished products.

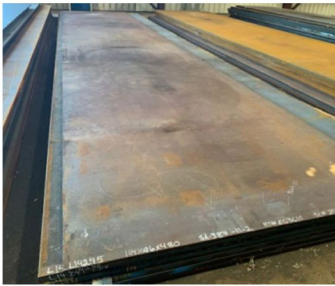
We serve end-users, fabricators, and distributors globally. Our goal is to consistently be a reliable partner for our customers, offering quality, competence, and exceptional service. We believe in building long-term relationships that contribute to our customers success, because their success is our success.

We welcome you to consider APF as an approved supplier and encourage you to send us your purchase inquiries to receive our most competitive offers. If you have a vendor registration form, please share it with us.

For any additional information or queries, please feel free to contact us.

We look forward to establishing a long-term, fruitful business relationship with you.

***“Connecting Pipeline
for Industrial Lifeline”***



PLATES & SHEETS

MATERIAL	SPECIFICATION	MAKE
STAINLESS STEEL	ASME SA 240 TP 304, TP 304L, TP 310S, TP 316, TP 316L, TP317L, TP 321H & TP 347H	JINDAL STAINLESS LTD OUTOKUMPU COLUMBUS STAINLESS ACERINOX
DUPLEX STAINLESS STEEL	ASME SA 240 UNS S31803 & S32205 (TP 2205)	APERAM SA THYSSENKRUPP
SUPER DUPLEX STAINLESS STEEL	ASME SA 240 UNS S32750 (2507) & UNS S32760	POSCO DC STEEL
ALLOY STEEL	ASME SA 387 GR. 5, GR. 9, GR. 11, GR. 12, GR. 22 & GR. 91 16Mo3	ARCELORMITTAL NIPPON STEEL EVONITH VALUE STEEL LTD
CARBON STEEL	ASME SA 516 GR. 60, GR. 65 & GR. 70 + NACE + HIC + SSC + IBR ASME SA 537 CLASS 1 & CLASS 2 ASTM A 36 IS 2062 E250, E350 & E450	ARCELORMITTAL NIPPON STEEL INDIA LTD JINDAL STEEL & POWER LTD JSW STEEL LTD EVONITH VALUE STEEL LTD STEEL AUTHORITY OF INDIA LTD
ABRASION RESISTANCE/WEAR STEEL	AR 400, AR 450 & AR 500	TATA STEEL NLMK CLABECQ
QUENCHED & TEMPERED STEEL	EN 10025-6 S690QL	INDU STEEL POSCO
CORTEN STEEL	CORTEN A, CORTEN B, IRSM 41 EN 10025-5 S355 J2W+N & ASTM A 588 GR. A & GR. B	JFE STEEL NIPPON STEEL
ALUMINIUM ALLOY	AA 2011, AA 2014, AA 2017, AA 2024, AA 5052, AA 5083, AA 5086, AA 5754, AA 6061, AA 6063, AA 6082 & AA 7075	
NICKEL ALLOY	ALLOY 20, ALLOY 904L, 254 SMO, NICKEL® 200 & 201, MONEL® 400 & K500, INCONEL® 600, 601, 617, 718 & 625, INCOLOY® 800, 800H, 800HT & 825, HASTELLOY® C22, C276 & X, TITANIUM GR. 1, GR. 2 & GR. 5, COPPER NICKEL 90/10 & 70/30	NIPPON YAKIN KOGYO CO. LTD ATI SPECIALITY ROLLED PRODUCTS OUTOKUMPU SPECIAL METALS VDM METALS

Available Sizes :

Thickness : 1 mm-120 mm, **Width :** 1000 mm-4500 mm, **Length :** 2000 mm-15000 mm (Custom cut sizes also available)



SEAMLESS & WELDED PIPES & TUBES

MATERIAL	SPECIFICATION	MAKE
STAINLESS STEEL	ASME SA 312 TP 304, TP 304L, TP 310S, TP 316, TP 316L, TP 317L, TP 321H & TP 347H	JINDAL SAW LTD TUBACEX TUBES & PIPES PVT LTD SURAJ LTD SANDVIK STEEL
DUPLEX STAINLESS STEEL	ASME SA 790 UNS S31803 & S32205 (TP 2205)	SCHOELLER BLECKMANN SALZGITTER MANNESMANN
SUPER DUPLEX STAINLESS STEEL	ASME SA 790 UNS S32750 (2507) & UNS S32760	SCHULZ VIRAJ
ALLOY STEEL	ASME SA 335 GR. P5, GR. P9, GR. P11, GR. P22, GR. P91 & GR. 92	MAHARASHTRA SEAMLESS LTD JINDAL SAW LTD KIRLOSKAR FERROUS INDS. LTD
CARBON STEEL	ASME SA 106 GR. B & GR. C ASTM A 53 GR. B API 5L GR. B PSL1 ASME SA 333 GR. 3 ASME SA 333 GR. 6 ASME SA 179 ASME SA 210 GR. A1 & GR. C ASME SA 242 ASME SA 423 GR. 1 BS 3059 PART I & PART II ASME SA 672 GR. B60 CL. 12 & CL. 32 ASME SA 672 GR. B65 CL. 22 & CL. 32 IS 1239 PART I IS 3589 FE 330 & FE 410	JINDAL PIPES LTD JINDAL INDIA LTD JINDAL INSUDTRIES PVT. LTD JCO GAS PIPE LTD APL APOLLO TUBES LTD TATA STEEL LTD SURYA ROSHNI LTD RATNAMANI METAL & TUBES LTD LALIT PIPES & PIPES PVT. LTD ARCELORMITTAL NIPPON STEEL INDIA LTD
NICKEL ALLOYS	ALLOY 20, ALLOY 904L, 254 SMO, NICKEL® 200 & 201, MONEL® 400 & K500, INCONEL® 600, 601, 617, 718 & 625, INCOLOY® 800, 800H, 800HT & 825, HASTELLOY® C22, C276 & X, TITANIUM GR. 1, GR. 2 & GR. 5, COPPER NICKEL 90/10 & 70/30	SPECIAL METALS SANYO SPECIAL STEEL CO. LTD SALZGITTER MANNESMANN KOBELCO

Available Sizes :

Outer Diameter (OD) : 1/4" NPS to 48" NPS (6 mm to 1220 mm)

Wall Thickness : SCH 5 to SCH XXS (or 1 mm to 100 mm)

Length : Up to 12 meters

(Custom cut length also available)



FORGED & ROLLED BARS

MATERIAL	SPECIFICATION	MAKE
STAINLESS STEEL	TP 304, TP 304L, TP 310S, TP 316, TP 316L, TP 317L, TP 321H, TP 347H, 13-8Mo & 17-4 PH	MUKUND LTD LAXCON STEEL LTD RAJPUTANA STAINLESS LTD SANDVIK STEEL AMBICA STEELS LTD VIRAJ
DUPLEX STAINLESS STEEL	UNS S31803 & S32205 (TP 2205)	
SUPER DUPLEX STAINLESS STEEL	UNS S32750 (2507) & UNS S32760	
ALLOY STEEL	F5, F9, F11, F22, F91, F92, 15Mo3 & 16Mo3	SUNFLAG IRON & STEEL CO. LTD GORADIA SPECIAL STEELS LTD
CARBON STEEL	SA 105, SA 350 LF2, EN8, EN19 & EN24	
ALUMINIUM ALLOY	AA 2011, AA 2017, AA 2014, AA 2024, AA 5052, AA 5083, AA 5086, AA 5754, AA 6061, AA 6063, AA 6082 & AA 7075	
NICKEL ALLOYS	ALLOY 20, ALLOY 904L, 254 SMO, NICKEL® 200 & 201, MONEL® 400 & K500, INCONEL® 600, 601, 617, 718 & 625, INCOLOY® 800, 800H, 800HT & 825, HASTELLOY® C22, C276 & X, TITANIUM GR. 1, GR. 2 & GR. 5, COPPER NICKEL 90/10 & 70/30	SPECIAL METALS SANYO SPECIAL STEEL CO. LTD VILLARES METALS S-TECH CORPORATION ACCIAIERIE VALBRUNA S.P.A.

Available Sizes :

Diameter : 1 mm – 500 mm,

Length : up to 6000 mm

(Custom sizes available)



FORGED & PLATE FLANGES

■ TYPE	■ MATERIAL	■ DIMENSIONS
<p>SORF / SOFF SWRF LJFF WNRF / WNRTJ / LWNRF BLRF / BLRTJ SCRF / THREADED SPECTACLE BLIND ORIFICE RING SPACER PADDLE BANK ORIFICE PLATE FLANGEOLET NIPOFLANGE STUDDING OUTLET</p>	<p>STAINLESS STEEL ASME SA 182 F304, F304L, F316 & F316L ASME SA 240 TP 304, TP 304L, TP 316 & TP 316L</p> <p>DUPLEX STAINLESS STEEL ASME SA 182 F51 & F60. ASME SA 240 UNS S31803 & UNS S32205.</p> <p>SUPER DUPLEX STAINLESS STEEL ASME SA 182 F53 & F55. ASME SA 240 UNS S32750 & UNS S32760.</p> <hr/> <p>ALLOY STEEL ASME SA 182 F5, F9, F11, F22, F91 & F92.</p> <hr/> <p>CARBON STEEL ASME SA 105, ASME SA 350 LF2, IS 2062 GR. B, ASME SA 516 GR. 60 & GR. 70</p> <hr/> <p>NICKEL ALLOYS ALLOY 20, ALLOY 904L, 254 SMO, NICKEL® 200 & 201, MONEL® 400 & K500, INCONEL® 600, 601, 617, 718 & 625, INCOLOY® 800, 800H, 800HT & 825, HASTELLOY® C22, C276 & X, TITANIUM GR. 1, GR. 2 & GR. 5, COPPER NICKEL 90/10 & 70/30</p>	<p>ASME B16.5 ASME B16.36 ASME B16.47 ASME B16.48 AWWA C207 BS 10 BS EN 1092-1 DIN STANDARD IS STANDARD JIS STANDARD MSS SP-106 MSS SP-44</p>

Available Sizes :

Size Range : ½" NPS to 60" NPS (DN 15 to DN 1500)

Pressure Rating : Class 150 to Class 2500 & PN6 to PN400

Custom dimensions and special types available on request.



FORGED SOCKET WELDING & THREADED PIPE FITTINGS

■ TYPE	■ MATERIAL	■ DIMENSIONS
ELBOW	<p>STAINLESS STEEL ASME SA 182 F304, F304L, F316 & F316L</p> <p>DUPLEX STAINLESS STEEL ASME SA 182 F51 / UNS S31803 & F60 / UNS S32205</p> <p>SUPER DUPLEX STAINLESS STEEL ASME SA 182 F53 / UNS S32750 & F55 / UNS S32760</p> <p>ALLOY STEEL ASME SA 182 F5, F9, F11, F22, F91 & F92</p> <p>CARBON STEEL ASME SA 105, ASME SA 350 LF2</p> <p>NICKEL ALLOYS ALLOY 20, ALLOY 904L, 254 SMO, NICKEL® 200 & 201, MONEL® 400 & K500, INCONEL® 600, 601, 617, 718 & 625, INCOLOY® 800, 800H, 800HT & 825, HASTELLOY® C22, C276 & X, TITANIUM GR. 1, GR. 2 & GR. 5, COPPER NICKEL 90/10 & 70/30</p>	<p>ASME B16.11 BS 3799 BS EN 10241 EN 10242 IS 1239 PART 2 MSS SP-79 MSS SP-83 MSS SP-95 MSS SP-97</p>
TEE		
REDUCER		
COUPLING		
CAP		
CROSS		
UNION		
BUSHINGS		
PLUG		
NIPPLES		
WELDING BOSS		
THERMOWELL STUB		
WELDOLETS		
THREDOLETS		
SOCKOLETS		
ELBOLETS		
NIPOLETS		

Available Sizes :

Size Range : 1/8" NPS to 4" NPS (DN 6 to DN 100)

Pressure Rating : Class 2000, 3000, 6000 and 9000

Custom dimensions and special types available on request.



SEAMLESS & WELDED BUTT-WELDING PIPE FITTINGS

■ TYPE	■ MATERIAL	■ DIMENSIONS
ELBOW RETURN BEND TEE REDUCER STUB END CAP CROSS NIPPLE LATERAL LONG PIGGABLE BEND HOT INDUCTION BEND LONG PIPE BEND (R=3D, R=5D, R=10D, R=15D & R=20)	<p>STAINLESS STEEL ASME SA 403 WP 304, WP 304L, WP 316 & WP 316L</p> <p>DUPLEX STAINLESS STEEL ASME SA 815 UNS S31803 & UNS S32205</p> <p>SUPER DUPLEX STAINLESS STEEL ASME SA 815 UNS S32750 & UNS S32760</p> <hr/> <p>ALLOY STEEL ASME SA 234 GR. WP5, WP9, WP11, WP22, WP91 & WP92</p> <hr/> <p>CARBON STEEL ASME SA 234 GR. WPB ASME SA 420 GR. WPL6 ASME SA 860 Gr. WPHY42, WPHY46, WPHY52, WPHY60, WPHY65 & WPHY70</p> <hr/> <p>NICKEL ALLOYS ALLOY 20, ALLOY 904L, 254 SMO, NICKEL® 200 & 201, MONEL® 400 & K500, INCONEL® 600, 601, 617, 718 & 625, INCOLOY® 800, 800H, 800HT & 825, HASTELLOY® C22, C276 & X, TITANIUM GR. 1, GR. 2 & GR. 5, COPPER NICKEL 90/10 & 70/30</p>	ASME B16.9 ASME B16.28 ASME B16.49 AWWA C208 BS EN 10253 MSS SP-43 MSS SP-75

Available Sizes :

Size Range : ½" NPS to 60" NPS (DN 15 to DN 1500)

Wall Thickness : SCH 5 to SCH XXS (or as per customer requirement)

Custom sizes and special radius fittings available upon request.



PLASTIC PIPES, FITTINGS, FLANGES & VALVES

■ TYPE	■ MATERIAL	■ DIMENSIONS
PIPES	PVC - Polyvinyl Chloride	ASTM D 1784
FITTINGS	UPVC - Unplasticized Polyvinyl Chloride	ASTM D 1785
FLANGES	Chloride	ASTM D 2466
VALVES	CPVC - Chlorinated Polyvinyl Chloride	ASTM D 2467
STRAINERS	PP - Polypropylene	ASTM D 2564
PRIMER	PVDF - Polyvinylidene Fluoride	ASTM F 441
SOLVENT CEMENT	HDPE - High-Density Polyethylene	ASTM F 437
	PEX - Cross-linked Polyethylene	ASTM F 439
	ABS - Acrylonitrile Butadiene Styrene	ASTM F 493
		ASTM F 656

Available Sizes :

Pipes

Size : ½" to 24" (DN15 to Dn600)

Pressure Rating : Sch 40, Sch 80 & Class 6 to Class 16 (or SDR 11 to SDR 41)

Standards : ASTM, DIN, IS, BS

Fittings & Flanges

Size : ½" to 24" (DN15 to Dn600)

Types : Elbows, Tees, Couplings, Reducers, Stub Ends, Flanges (Plain, Blind, Slip-On, etc.)

End Connections: Solvent Weld / Threaded / Flanged

Valves

Size : ½" to 12" (DN15 to Dn300)

Types: Ball, Butterfly, Gate, Check, Foot, and Diaphragm Valves

Operation : Manual, Pneumatic, or Electric Actuated

Custom sizes, pressure classes, and configurations available on request.



VALVES

TYPE	MATERIAL	SIZE RANGES
<ul style="list-style-type: none"> Ball Valve Gate Valve Globe Valve Butterfly Valve Check Valve (Non-Return Valve) Foot Valve Diaphragm Valve Plug Valve Needle Valve Pressure Relief Valve / Safety Valve Solenoid Valve Control Valve 	<ul style="list-style-type: none"> STAINLESS STEEL DUPLEX STAINLESS STEEL SUPER DUPLEX STAINLESS STEEL ALLOY STEEL CAST STEEL CARBON STEEL ALLOY 20, ALLOY 904L, 254 SMO NICKEL® 200 & 201 MONEL® 400 & K500 INCONEL® 600, 601, 617, 718 & 625 INCOLOY® 800, 800H, 800HT & 825 HASTELLOY® C22, C276 & X TITANIUM GR. 1, GR. 2 & GR. 5 COPPER NICKEL 90/10 & 70/30 	<ul style="list-style-type: none"> Standard Valves : ½" to 24" (DN15 to Dn600) Specialty & Large Diameter Valves : Up to 48" (DN1200) or as per customer requirement Operating Types : Manual, Pneumatic, Electric, and Hydraulic Actuated Pressure Ratings : PN6 to PN100 / Class 150 to Class 2500 (varies by valve type & standard) Custom sizes, pressure classes, and actuation options available upon request.

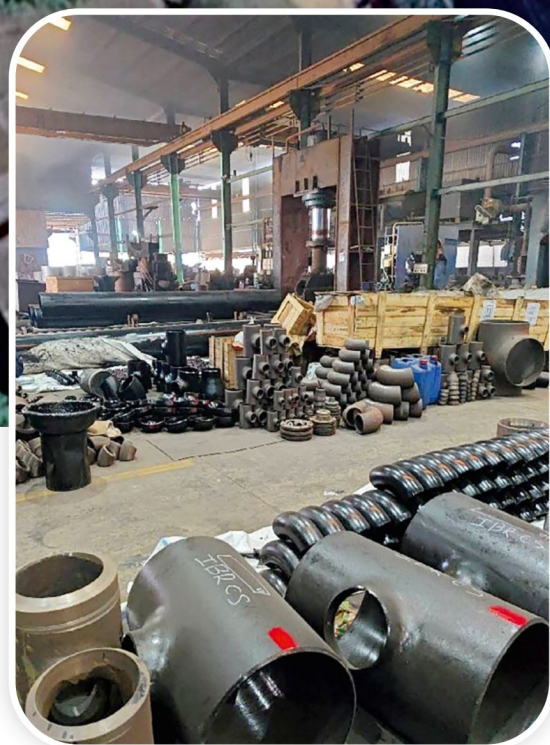


FASTENERS

TYPE	MATERIAL	SIZE RANGES
<ul style="list-style-type: none"> Stud Bolts Threaded Rod Hex Bolts U-Bolts Hex Nuts Heavy Hex Nuts Flat Washers Spring Washers 	<ul style="list-style-type: none"> STAINLESS STEEL DUPLEX STAINLESS STEEL SUPER DUPLEX STAINLESS STEEL ALLOY STEEL CAST STEEL CARBON STEEL ALLOY 20, ALLOY 904L, 254 SMO NICKEL® 200 & 201 MONEL® 400 & K500 INCONEL® 600, 601, 617, 718 & 625 INCOLOY® 800, 800H, 800HT & 825 HASTELLOY® C22, C276 & X TITANIUM GR. 1, GR. 2 & GR. 5 COPPER NICKEL 90/10 & 70/30 	<ul style="list-style-type: none"> Diameter : M3 to M100 / 1/8" to 4" Length : 6 mm to 1,000 mm / ¼" to 40" (Custom sizes & threads available)



APF Taloja



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ALLIANCE PIPES & FITTINGS

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