



**BEST QUALITY
HIGH PERFORMANCE**



ADVANCE PIPING SOLUTIONS INC

AN ISO 9001:2015 & PED Certified Co.

Manufactures & Exporter of : Long Radius Bend, Pipe Fittings, Outlets, Flanges & Fasteners

Stainless Steel | Duplex Steel | Alloys Steel | Carbon Steel | Nickel Alloys | Copper Nickel



About Us

ADVANCE PIPING SOLUTIONS INC

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Founded in 2016, **ADVANCE PIPING SOLUTIONS INC** has rapidly emerged as a trailblazer in international markets, distinguished by its unwavering commitment to total quality and unparalleled flexibility.

Our journey to success is rooted in years of profound experience within the steel industry, coupled with a keen understanding of our customers' evolving needs. **ADVANCE PIPING SOLUTIONS INC** stands out through exclusive technology, certified products, stringent quality standards, and an unwavering dedication to exceptional customer service, positioning us as a true global performer and a trusted partner for our clientele.

What sets us apart is our ability to deliver any size, any grade, and any quality at a competitive price across various forms: pipes, tubes, plates, flanges, fittings, fasteners, valves, bars, and customized forgings. This exemplifies our exceptional flexibility. Our commitment to meeting customer delivery needs and adhering to complex technical specifications underscores our unwavering dedication to total quality.

At the heart of our success is an unrivaled product portfolio, strategically headquartered in Mumbai, enabling us to foster enduring relationships with our clients. Our primary goal is to facilitate smooth deliveries, providing not just reassurance but peace of mind.

As part of our continuous improvement initiative, **ADVANCE PIPING SOLUTION INC** consistently strives to maintain a market-leading position through ongoing research, strategic investments, and a culture of innovation.

Drawing upon extensive engineering experience, our mission is not just to meet our clients' needs but to exceed their expectations, delighting them with unparalleled product and service quality.

Our Commitment : We are committed to :

Offering a comprehensive range of high-quality products and services across various fields. Executing all aspects of our work with the highest level of professionalism and excellence. Providing exceptional workmanship.

Our Vision

To be the benchmark of the Indian Stainless Steel Pipe Industry, delivering superior value products through innovation and operational excellence.

Our Mission

Aligned with the vision and values of our founders, we aim to fortify India's industrial base by leveraging cutting-edge technology, ensuring high productivity, and adhering to modern management practices. Recognizing honesty and integrity as essential pillars of a robust enterprise, we understand that profitability ignites the engine of economic activity.

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ADVANCE PIPING SOLUTIONS INC

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Manufacturing Range

Buttweld Fittings

TYPES

- 90° ELBOW (1D/1.5D/3D/5D)
- 45° ELBOW
- 180° LR RETURN
- 180° SR RETURN
- EQUAL TEE
- REDUCING TEE
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- END CAP
- LONG / SHORT STUB END
- LONG RADIUS PIGGABLE BEND
- AS PER DRAWING

MATERIALS

STAINLESS STEEL : ASTM A403 WP 304/ 304L/ 304H/316/ 316L/ 317/ 317L/ 321/ 310/ 347/904L.

CARBON STEEL : ASTM A234 WPB/A420 WPL3/A420 WPL6/ MSS-SP-75 WPHY 42/46/52 /56/60/65/70.

ALLOY STEEL : ASTM A234 WP1/ WP5/ WP9/ WP11/ WP22/ WP91.

DUPLEX & SUPER DUPLEX : UNS-S 31803 / 32760, UNS-32750.

NICKEL ALLOYS : 201/200.

MONEL ALLOY : 400/K-500.

INCONEL : 600, 601, 625, 825, 800 /800H /800HT.

HASTELLOY : C22, C276, B-2000.

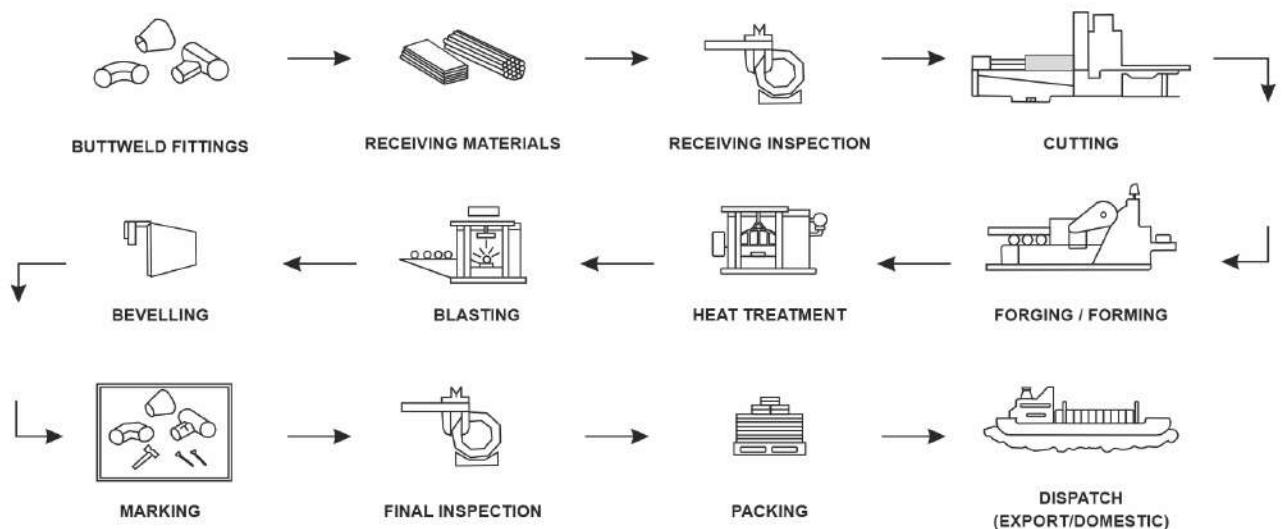
TITANIUM : GR. 1, 2, 5, 7.

OTHERS : TANTALUM, SMO 254, ALLOY 20 / 330, ALUMINIUM.

SIZE RANGE

- **SIZE** : 1/4" NB TO 24" NB (SEAMLESS) & UPTO 48" NB (WELDED)
- **WALL THICKNESS** : SCH. 5S TO SCH. XXS.

MANUFACTURING PROCESS



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Manufacturing Range

Forged Fittings

TYPES

- 90° ELBOW
- 45° ELBOW
- EQUAL TEE
- REDUCING TEE
- FULL COUPLING
- HALF COUPLING
- CROSS
- WELDING BOSS
- UNION
- REDUCING INSERT
- CAP
- PLUG
- BUSHING
- HEX / PIPE NIPPLE
- SWAGE NIPPLE
- SOCKOLET
- WELDOLET
- THREDOLET
- LATROLET
- AS PER DRAWING

MATERIALS

STAINLESS STEEL : ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/310/ 347/ 904L.

CARBON STEEL : ASTM A105 / 105N A694 F42/46/52/56/60/65/ 70/ A 350 LF2 CLASS 1/2.

ALLOY STEEL : ASTM A182 F1/ F5/ F9/ F11/ F22/ F91 ETC.

DUPLEX & SUPER DUPLEX : UNS-S 31803 / 32760, UNS-32750.

NICKEL ALLOYS : 201/200.

MONEL ALLOY : 400/K-500.

INCONEL : 600, 601, 625, 825, 800 /800H /800HT.

HASTELLOY : C22, C276, B-2000.

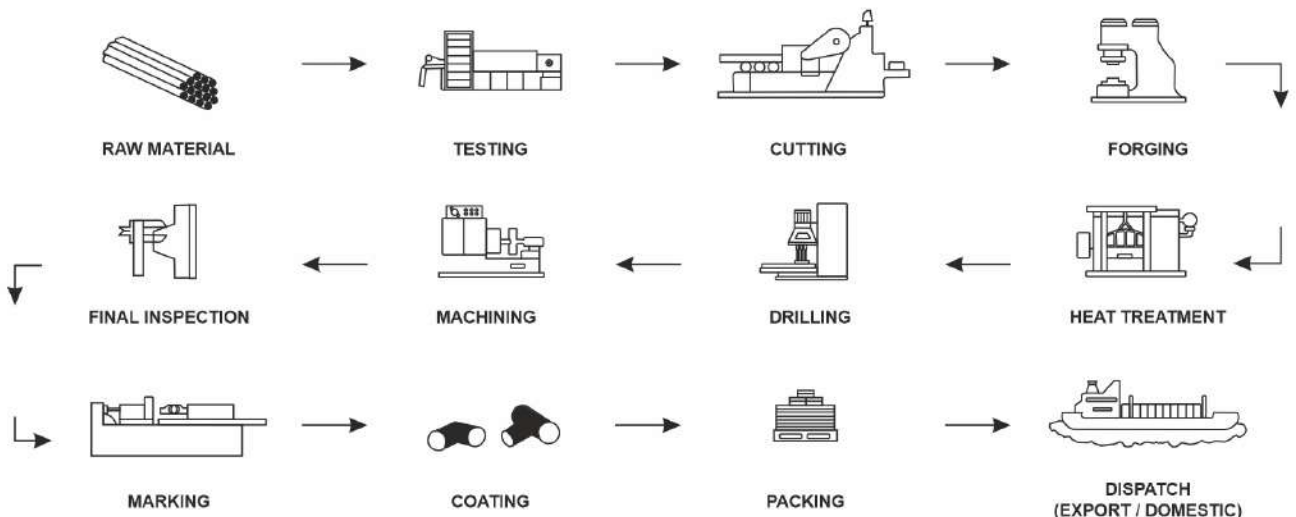
TITANIUM : GR. 1, 2, 5, 7.

OTHERS : TANTALUM, SMO 254, ALLOY 20 / 330.

SIZE RANGE

- **SIZE :** 1/4" NB TO 4" NB (THREADED & SOCKETWELD)
- **CLASS :** 2000#, 3000#, 6000#, 9000#.

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Manufacturing Range

Flanges

TYPES

- WELDNECK
- SLIPON
- BLIND
- THREADED
- SOCKET WELD
- LAPPED JOINT
- LONG WELD NECK
- PLATE FLANGE
- WELDNECK SERIES A
- WELDNECK SERIES B
- BLIND SERIES A
- BLIND SERIES A
- SPECTACLES BLIND
- PADDLE BLANK & SPACER
- ORIFICE
- AS PER DRAWING

MATERIALS

STAINLESS STEEL : ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L.

CARBON STEEL : ASTM A105/105N

A694 F42/46/52/56/60/65/70 A350 LF2 CLASS 1/2.

ALLOY STEEL : ASTM A182 F1/ F5/ F9/ F11/ F22/ F91.

DUPLEX & SUPER DUPLEX : UNS-S 31803 / 32760, UNS-32750.

NICKEL ALLOYS : 201/200.

MONEL ALLOY : 400/K-500.

INCONEL : 600, 601, 625, 825, 800 /800H /800HT.

HASTELLOY : C22, C276, B-2000.

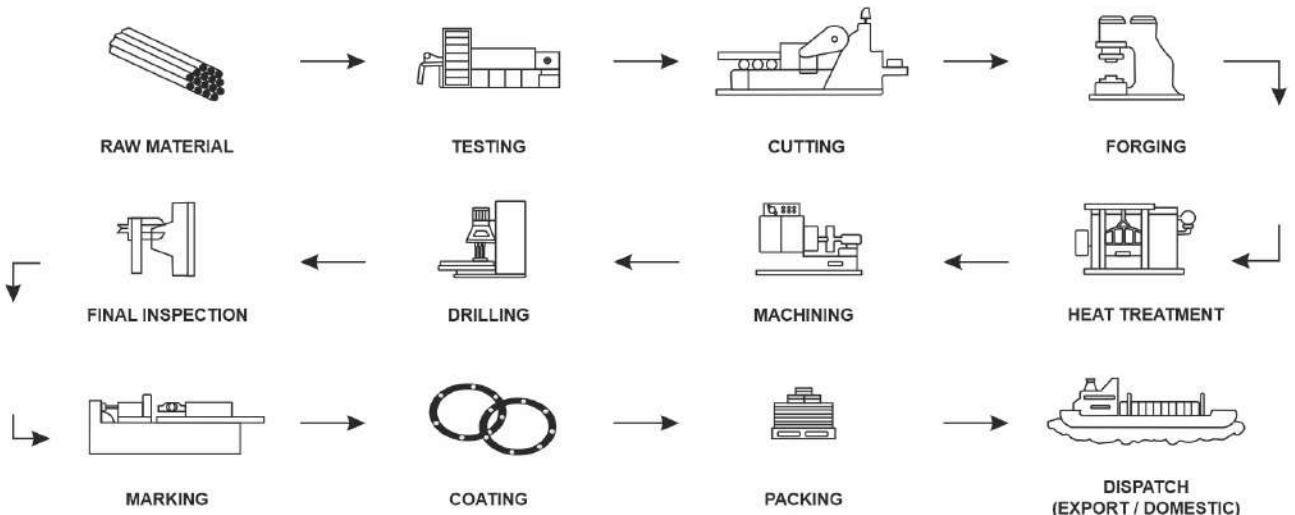
TITANIUM : GR. 1, 2, 5, 7.

OTHERS : TANTALUM, SMO 254, ALLOY 20 / 330, ALUMINIUM.

SIZE RANGE

- **SIZE** : 1/4" NB TO 24" NB (ABOVE AS PER CUSTOMER REQUIREMENT)
- **CLASS** : 150#, 300#, 600#, 900#, 1500#, 2500#.

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Manufacturing Range

ADVANCE PIPING SOLUTIONS INC is a manufacturer of Stainless Steel Bright Round Bars with uncompromising quality standards. Bright Bars are steel bars with a tight dimensional tolerance and a crisp geometric shape. It has a smooth, shiny surface finish that seems brilliant. There are several uses and applications for bright steel bars. Bright bars come in squares, hexagons, rounds, and flat shapes.

Size Range : 3mm to 100mm (Supply Condition)

Length : Up to 7 meters

Surface Finish : RA upto 0.2mm (8.7 RMS)

Straightness : Up to 0.5mm per meter TIR

Belt Polish : As per Customer Requirement

Heat Treatment : Soft Annealing, Solution Annealing, Spheroidized Annealing, Water Quenching, Tempered & Normalized

Bar and Finish : Chamfered ends plain ends without burrs or sharp edges

Round Bar, Hex, Square

Grades :

Stainless Steel : 304/304L, 316/316L/316Ti, 321, 310/310S, 317/317L, 347, 17-4 Ph, 15-5Ph, 904L, 410, 420, 430, 431, 430F, 416, 440C, etc.

Duplex Steel : UNS 31803, UNS 32205, UNS 32750, UNS 32760

Alloy Steel : F5, F9, F11, F22, F91 Carbon Steel, Mild Steel, Boiler Quality Plates

High Nickel : Nickel Alloys : 201/200, Monel Alloy : 400/K-500

Inconel : 600, 601, 625, 825, 800/800H/800HT

Hastelloy : C22, C276, B-2000, Titanium : Gr 1, 2, 5, 7

Tantalum SMO 254, Alloy 904L, Alloy 20, Alloy 330 etc.

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Manufacturing Range

We hold expertise in offering fasteners, such as nuts, bolts, washers, anchor fasteners, stud bolts, Threaded Rod to clients. These material available in grade, such as Stainless Steel, Carbon Steel, Duplex Steel, Monel, Inconel, Hastelloy, Titanium and Nickel Alloy, Wich Alloy Steel assure their high tensile strength and corrosion resistance. Our range finds applications in numerous industries and is offered in sizes ranging from M4 TO M100, length up to 5 meters as per the client's requirements.

Types

- | | | |
|---------------------|-----------------|--------------------------------|
| • ANCHOR FASTENERS | • EYE BOLTS | • COUNTERSUNK BOLTS |
| • HEX HEAD BOLTS | • WASHERS | • FLAT / SPRING / LOCK WASHERS |
| • SOCKET CAPS SCREW | • STUB BOLTS | • FOUNDATION BOLTS |
| • HEX NUTS | • THREADED RODS | • REFRACTORY ANCHOR |

Inconel®, Incoloy®, Monel®, Hastelloy®, Duplex® are Registered Trade Marks of their Respective Owners.

Fasteners

Duplex & Super Duplex : 347, 310, 303, 304/304H, 316/316L, 317/317L, 17/4PH, 410, 431, Nitronic 50, Nitronic 60, Nitronic 80A

Carbon Steel : 4.6, 8.8, 10.9, 12.9.

Duplex & Super Duplex : UNS S31803, UNS S32750, UNS S32760, UNS S3250, 254 SMO

Hastelloy Alloy : Hastelloy C4, Hastelloy B2, Hastelloy G30, Hastelloy B3, Hastelloy C276, Hastelloy X, Hastelloy C22

Incoloy Alloys : Incoloy Alloy 20, Incoloy Alloy 800, Incoloy Alloy 800H/800HT, Incoloy Alloy 825, Incoloy Alloy 925, Incoloy Alloy A286

Monel Alloys : Monel 400, Monel R405, Monel K500.



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Pipes & Tubes

Pipes

Stainless Steel & Duplex Steel Pipe

Size	: ½" to 30"
Schedule	: Sch. 5 to Sch. XXS
Stainless Steel	: ASTM A312, A358 - TP 304/304H/304L/316/316H/ 316L/316Ti/309/310/317/317L/321/347/904L
Duplex Steel	: ASTM A790 - UNS S31803, S32750, S32760, S32205

Alloy Steel, Carbon Steel & LTCS Pipe

Size	: 1/2" to 36"
Schedule	: Sch. 5 to Sch. XXS
Alloy Steel Pipe	: ASTM A335 Gr. P5, P9, P11, P12, P22 & P91
Carbon Steel	: ASTM A 106 Gr. B ASTM A53
Low Temp. Pipe	: ASTM A 333 Gr. 6
Line Pipe	: API 5L, X 42, 46, 52, 56, 60, 70
Mild Steel &	: IS 1239, IS 3589
Galvanized Pipe	

Copper & Nickel Alloys pipe

Size	: ½" NB to 10" NB
Standard	: 10S/40S/80S
Copper Nickel	: C70600 (90:10), C71500 (70:30), C71640
Nickel	: UNS N02200, N02201
Monel	: UNS N04400, N05500, Alloy 20
Inconel	: UNS N06600, N06601, N06625, N08800, N08810, N08825
Hastelloy	: UNS N10276, N06022, N10665, N06455

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Tubes

Size	: 6 mm OD to 355.60 mm OD
Thickness	: 0.6mm-10mm-Gauge : 22 SWG/BWG to 10 SWG/BWG
Form	: Round, Square, Rectangle, Coil, 'U' Shap
Length	: Standard Length & Cut Length
Stainless Steel Tube	: ASTM A-213, A-249, A269-TP 304/304H/304L, 316/316H/316L/316Ti, TP 309, 310, 317L, 321, 347, 904 L etc.
Low Alloy Steel Tube	: ASTM A 213 - T-11, T-12, T-22, T-5, T-9 etc.
Titanium	: Gr. 1, 2, 5, 7
Carbon Steel Tube	: BS 3059 Gr. 360 / 440, SA 179, SA / ASTM A210 Gr. A1
Copper Nickel Tube	: ASTM B111, C70600 (90:10), C71500 (70:30), C71640
Admiralty Brass Tube	: ASTM B 111 C44300, C44400, C44500, C68700
Copper & Brass Tube	: ASTM B 188 C11000, C12200, C26000, C27000, C28000
Nickel Alloy Tube	: Nickel, Monel, Inconel, Alloy 20 etc.
Specialize	: Capillary Tube, IBR Tubes, Copper Nickel Tube

Types Round | Rectangle | Square | Hydraulic

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Manufacturing Range

S S Instrument Ferrule Fittings



Union Elbow



Male Elbow



Female Elbow



Union Tee



Male Run Tee



Male Branch Tee



Female Run Tee



Female Branch Tee



Union Cross



45 Deg. Elbow



Tube end Closure



Bulk Head Elbow



Positionable Male Elbow



Nut Ferrule



Union



Reducing Union



Bulkhead Union



Male Connector



Female Connector



Male Adaptor

Syphon Tubes



- Type : Stainless Steel 304 & 316 Gr. in U type, Trumpet Type (Pigtail & Coil Type)
- Application : Connected between the pressure gauge & process in applications where high temperature above 65 Deg C for e.g., steam. These Syphon Tubes act as a cooling coil and protect the gauge from high temperature vapors.

S. S. Tee / Elbow Ferrule Fittings

- S.S. Union Tee
- S.S. Male Branch Tee
- S.S. Female Branch Tee
- S.S. Male Elbow
- S.S. Cross
- S.S. Valve Body
- S.S. Union

S. S. Forged Tee / Elbow / Cross



MANIFOLD VALVE



CONDENSATE POT



S.S. FORGED BLIND
HEX TEE



S.S. FORGED BLIND
HEX ELBOW



S.S. ELBOW 45°



S.S. CROSS

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Application Industries

- OIL & GAS INDUSTRIES ● PHARMA-CEUTICAL ● REFINERIES ● PETRO-CHEMICAL
- SUGAR INDUSTRIES ● PAPER & PULP ● AUTOMOBILE ● ENGINEERING
- STEEL & POWER ● CHEMICAL INDUSTRIES ● FERTILIZERS ● BEVERAGE INDUSTRIES
- CEMENT INDUSTRIES ● PAPER & PULP ● SHIP BUILDING ● FIRE FALLING SYSTEMS



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