



Ashapura Forge & Fittings



Application Industries

- ≡ Iron & Steels Plants
- ≡ Petro Chemical Plants
- ≡ Acid & Chemical Industries
- ≡ Mines
- ≡ Automobile Industries
- ≡ Heavy Machineries
- ≡ Beverages & Distilleries
- ≡ Cement Plants
- ≡ Electric Industries
- ≡ Space & Aviation Centers
- ≡ Fertilizer Industries
- ≡ Food & Dairy Industries
- ≡ Oil & Gas Industries
- ≡ Paper & Pulp Industries
- ≡ Pharmaceuticals
- ≡ Power Sectors
- ≡ Refineries
- ≡ Sugar Mills
- ≡ Textile Industries
- ≡ Indian Railway
- ≡ Ship Building Sector
- ≡ Nuclear Power
- ≡ Defence

Company Profile

Greetings from AFF India ...!

We are ASHAPURA FORGE & FITTINGS (AFF INDIA) located in Baroda & we are in business since Sept 2002. We take this opportunity to introduce ourselves as one of the most reliable and quality manufacturer of butt welded pipe fittings & flanges. We are ISO certified and accredited by third parties & are able to meet stringent project quality standards. We are the most recommended amongst the suppliers and became the most reliable supplier during our service tenor. Elbow, Tee, Reducer & Cap, Ranging from 0.5" to 48", are our main source of supply and we cater these products in various Thickness ranging from STD, XS to XXS & Grades like Carbon steel, Alloy steel, Stainless steel, Duplex & Super Duplex.

Ashapura forge & fittings is a established firm and have become a key factor in the metal market because of our good experience in the field and the many specialized manufacturing operation we offer . We manufacturing & Supply Material as per national & international standard like ASME,ASTM,DIN, ANSI etc.

We believe in catering best supply solutions and meeting specialized clients requirement. In order to provide single window solution to our esteemed client. We offer 360° piping supply solution. As part of our detailed scope of supply..!

Dimensions & Tolerances Std (As per ASME)

FLANGE :-

Dimension : ASME B16.5

Tolerance : CLAUSE 7 OF ASME B16.5

BUTT WELD FITTINGS :-

Dimension : ASME B16.9

Tolerance : CLAUSE 11 OF ASME B16.9

SOCKET WELD FITTINGS :-

Dimension : ASME B16.11

Tolerance : CLAUSE 7 OF ASME B16.11

WELDED & SEAMLESS WROUGHT STEEL PIPES :-

Dimension : ASME B36.10

Tolerance : AS PER MATERIAL SPECIFICATION

WELDED & SEAMLESS STAINLESS STEEL PIPES :-

Dimension : ASME B36.19

Tolerance : AS PER MATERIAL SPECIFICATION

ALLOY-STEEL & STAINLESS STEEL BOLTING MATERIAL :-

Dimension : ASME B18.2.1

Tolerance : AS PER ASME B18.2.1

CARBON & ALLOY-STEEL NUTS :-

Dimension : ASME B18.2.2 & ANSI B18.2.4.6 M

Tolerance : As Per ASME B18.2.2 & ANSI B18.2.4.6 M

Company Profile

Butt Weld Fittings ASME / ANSI B 16.9

SIZE : 15NB TO 1200NB - SCH 5, 10, 20, 30, 40, 50, 60, 80, 100, 120, 140, 160, XXS
RANGE : ELBOW : 45, 90 & 180 Deg. RADIUS
TEE : EQUAL & UNEQUAL
BEND : SHORT & LONG RADIUS 1.5D, 2.5D, 3D, 5D, 6D, 10D.
STUBEND : SHORT & LONG NECK
REDUCERS : CONCENTRIC & ECCENTRIC
NIPPLES, CAPS & CLAMP.

Materials OF Construction :

STAINLESS STEEL	:ATM A403 WP Tp304, 304L, 304H, 316, 316H, 615Ti, 309 310, 317L, 321, 347, 904L.
CARBON STEEL	:ASTM A-234 WPB, A-420 WPL6
TITANIUM	:ASTM B363-03A, GR, 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23
HIGH NICKEL	(6AL-4V ELI) :ASTM B366-10A, NICKEL, MONEL, INCONEL,
ALLOYS	:ALLOY-20 & COPPER, NICKEL
DUPLEX	:ASTM A182 / UNS S31803 & S32205 (2205)
SUPER DUPLEX	:ASTM A182 / UNS S32750 (2507) & S32760
ALLOY STEEL	:ASTM A234 WP, GR, P5, P9, P11, P12, P21, P22, P91
SPECIALITY	DAIRY FITTINGS WITH ELECTRO POLISH / 180 GRIT / 320 GRIT / 600 GRIT
TEST CERTIFICATES	MTC, IBR & THIRD PARTY INSPECTION



Flanges

ASME/ANSI B16.5

SIZE :15NB - 750NB
RANGE :SLIP-ON / WELD NECK / SOCKET WELD / BLIND / THREADED /
LAP JOINT / ORIFICE.

Materials of Construction :

STAINLESS STEEL	:ASTM A182 & A240, Tp304, 304H, 316, 316H, 316Ti 309, 310, 317L, 347, 904L
CARBON STEEL	:ASTM A105 A350 Lf2, A516, IS-2062
TITANIUM	:ASTM B381 GR - 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6L-4V ELI)
HIGH NICKEL ALLOYS	:ASTM B564, / B335 / B462 / B151 - NICKEL, MONEL, INCONEL, ALLOY-20 & COPPER, NICKEL
DUPLEX	:ASTM A182 / UNS S31803 & S32205 (2205)
SUPER DUPLEX	:ASTM A182 / UNS S32750 (2507) & S32760
ALLOY STEEL	:ASTM A182 GR, F5, F9, F11, F12, F21, F22, F91
SPECIALITY	:COPPER, ALUMINUM, BRASS, COPPER ALLOYS
TEST CERTIFICATES	:MTC, IBR & THIRD PARTY INSPECTION



Pipes (Seamless & Welded) ASME/ANSI B36.10/36.19

RANGE :6NB TO 1200NB - SCH 5, 10, 20, 30, 40, 50, 60, 80, 100, 120, 140, 160, XXS
TYPE :ROUND, SQUARE, RECTANGLE, HYDRAULIC, HORN TUBES

Materials of Construction :

STAINLESS STEEL	:ASTM A213 & A249 / Tp304, 304L, 304H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 904L.
CARBON STEEL	:ASTM A106 GR, B, ASTM A53, API 5L
TITANIUM	:ASTM B338 Grade - 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6L-4V ELI)
HIGH NICKEL ALLOYS	:NICKEL, MONEL, INCONEL, ALLOY-20 & COPPER, NICKEL
DUPLEX	:ASTM A790 / UNS S31803 & S32205 (2205)
SUPER DUPLEX	:ASTM A790 / UNS S32750 (2507) & S32760
ALLOY STEEL	:ASTM A335 GR, P5, P9, P11, P12, P21, P22, P91
NON FERROUS	:COPPER, ALUMINUM, BRASS, COPPER ALLOYS
TEST CERTIFICATES	:MTC, IBR & THIRD PARTY INSPECTION



Tubes (Seamless & Welded) ASME/ANSI B36.10/36.19

RANGE : 1/4" OD - 12" OD GAUGE : As Per SWG & BWG CHART
TYPE : ROUND, SQUARE, RECTANGLE, COIL, "U" SHAPE, HYDRAULIC & HORN TUBES.

Materials of Construction :

STAINLESS STEEL	:ASTM A312, A358, A269, 270 - Tp304, 304H, 316, 316L, 316H, 316Ti, 309, 317L, 321, 347, 904L.
CARBON STEEL	:ASTM A210 GR, A-1, Bs3059 GR 360 / 440, Sa179
TITANIUM	:ASTM B861 Grade - 1, 2, 3, 5 (6al-4V), 7, 9, 11, 12, 23 (6I-4V ELI).
HIGH NICKEL ALLOYS	:NICKLE, MONEL, INCONEL, ALLOY-20 & COPPER, NICKEL.
DUPLEX	:ASTM A999 / A999M • UNS S31803 & S32205 (2205)
SUPER DUPLEX	:ASTM A999 / A999M • UNS S32750 (2507) & S32760
ALLOY STEEL	:ASTM A213 GR, T2, T5, T5B, T5C, T11, T12, T17, T22.
NON FERROUS	:COPPER, ALUMINUM, BRASS, COPPER ALLOYS.
TEST CERTIFICATES	:MTC, IBR & THIRD PARTY INSPECTION.



Fasteners

Materials of Construction :

STAINLESS STEEL :ANSI 302, 304, 304L, 316, 317, 317L, 321, 347, 410, 420, 904L etc. 4.6, 5.6, 6.6, 8.8, 10.9, & 12.9 / 'R', 'S', 'T'
Conditions

CARBON STEEL :Bare Condition, Galvanized, Phosphates, Plated etc.
Hot Deep Galvanized, Bloodied, Nickel Chrome Plated, etc.
Copper, Brass, Aluminum, Titanium, Ni, Chrome, Al. Bronze, Phosphorous Bronze etc.
Bolts, Nuts, Washers, Anchor Fasteners, Stud Bolts, Eye Bolt, Stud, Threaded Rod, Cotter Pin, Socket Screw, Fine Fasteners & Spares, Foundation Fasteners, etc.



Forged Fittings ASME/ANSI B16.11

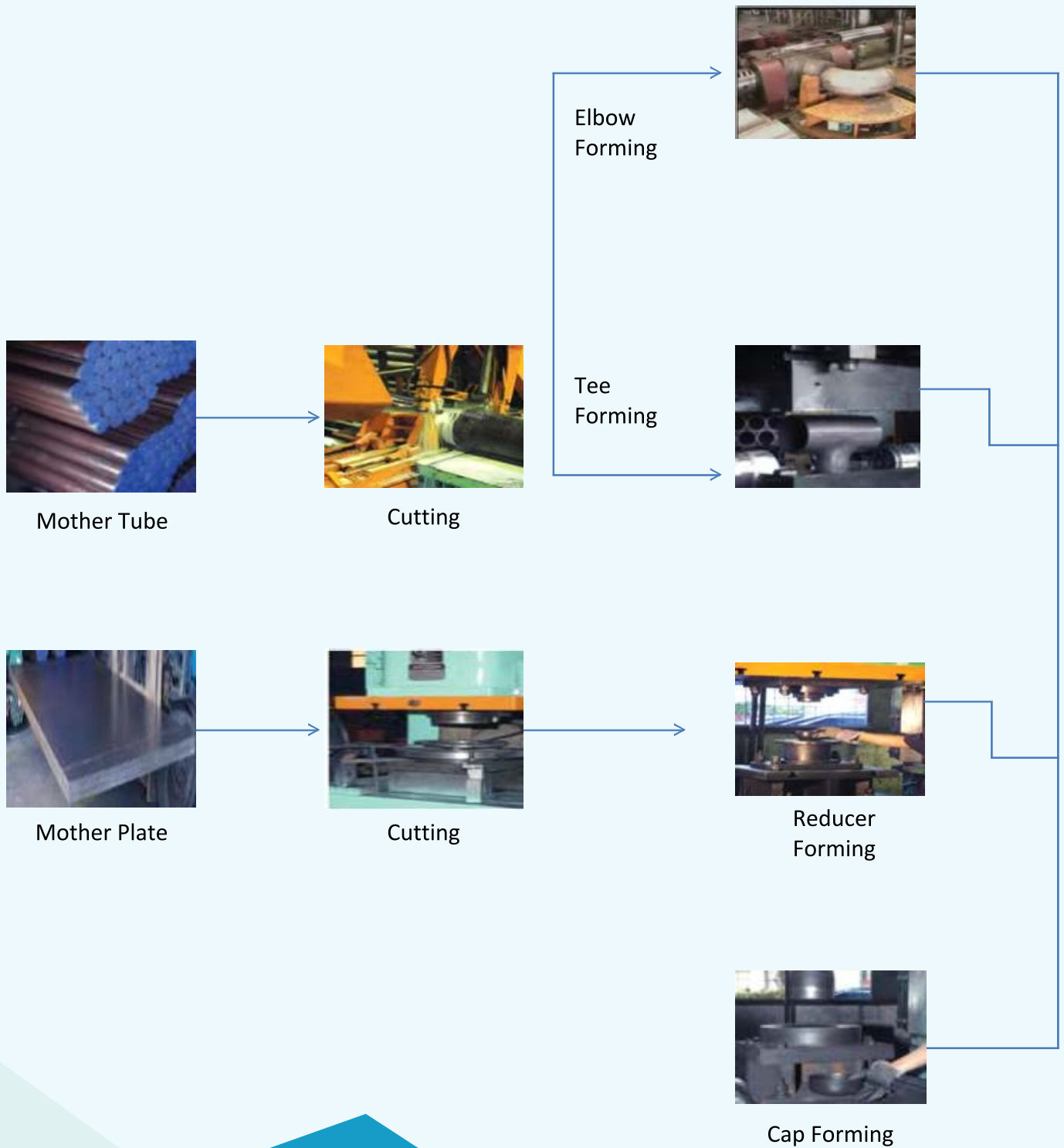
RANGE :15NB - 100NB
TYPE :ELBOW, TEE, REDUCER, UNION, NIPPLE, COUPLING, CAP, PLUG,
BUSH, NIPPLE

Materials of Construction :

STAINLESS STEEL	:ASTM A182 & TP 304, 304L, 316H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 904L
CARBON STEEL	:ASTM A234 WPB, A350 - LF2
TITANIUM	:ASTM B381-10E1,GR - 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6L-4V ELI)
HIGH NICKEL ALLOYS	:ASTM / ASME SB 564, NICKEL, MONEL, INCONEL, ALLOY-20 & COPPER NICKEL
DUPLEX	:ASTM A182 / UNS S31803 & S32205 (2205)
SUPER DUPLEX	:ASTM A182 / UNS S32750 (2507) & S32760
ALLOY STEEL	:ASTM A182 GR, F5, F9, F11, F12, F21, F22, F91
NON FERROUS	:COPPER, ALUMINUM, BRASS, COPPER ALLOYS
TEST CERTIFICATES	:MTC, IBR & THIRD PARTY INSPECTION



Production process flow for fittings



Production Process Flow for Flange

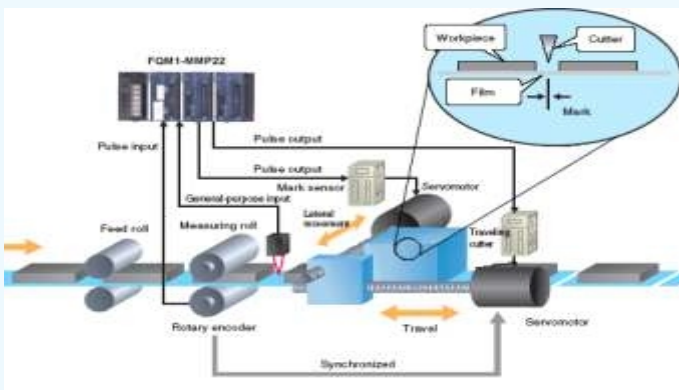
1. RAW MATERIAL :



2. RAW MATERIAL INSPECTION :



3. CUTTING PROCESS :



4. HEATING & FORGING PROCESS



5. HEATING TREATMENT

6. MACHINING PROCESS



7. CLEANING & MARKING PROCESS

8. PAINTING PROCESS

9. FINAL PROCESS

10. PACKING & DISPATCH

Workshop Images



Completed Jobs





Ashapura Forge & Fittings

Mfrs. Stockiest Exporters Suppliers of :
Pipes Fittings, Flanges & Fasteners



Plot No.50 GIDC Ind. Estate,Ramanghamadi,
Por GIDC Internal Road, Vadodara - 391243,
Gujarat, India.



0265-2632523



sales@ashapuraforge.com
ashapuraforge@yahoo.in



www.ashapuraforge.com