

Butt-Weld Fittings

MANUFACTURER



ADITYA STEEL ENGINEERING. CO.

90° LONG RADIUS ELBOWS
45° LONG RADIUS ELBOWS
180° LONG RADIUS RETURN BENDS
90° SHORT RADIUS ELBOWS
180° SHORT RADIUS RETURN BENDS
EQUAL TEES
REDUCING TEES
CONCENTRIC REDUCERS
ECCENTRIC REDUCERS
END CAPS
CROSSES
CONCENTRIC SWAGED NIPPLES
ECCENTRIC SWAGED NIPPLES
MANIFOLDS
HEADERS
LAP JOINT STUB ENDS



JAS-ANZ



AN ISO 9001:2008 CERTIFIED COMPANY



BUTT WELD FITTINGS



Manufacturer

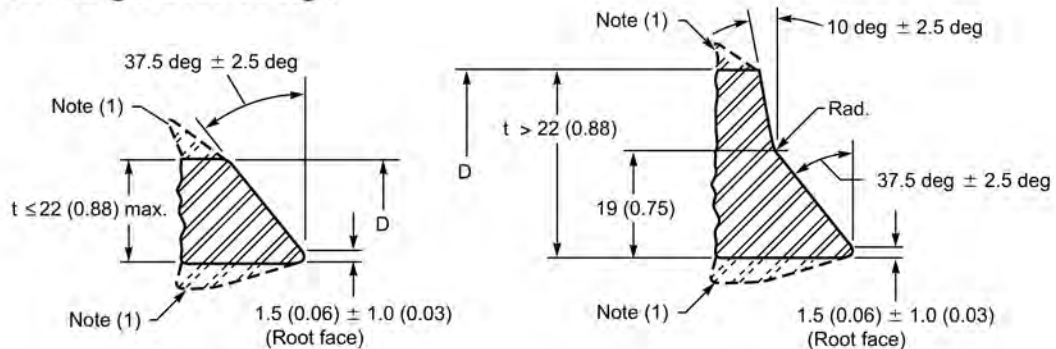
BUTT WELD FITTINGS

The simplest way to alter the direction or function in any piping system is by using a pipe fittings/swept fitting. Pipe fittings/Swept fittings can easily change the direction of flow by maintaining the consistent wall thickness and swept radius resulting in efficient Laminar flow.

Classification and Application:

- Welding a fittings to the pipe ensures it to be leak-proof.
- The weld component between the pipe and fitting adds strength to the system.
- Smooth inner surface and gradual directional changes reduce pressure losses and turbulence and minimize the action of corrosion and erosion.
- A welded system utilizes a minimum of space.
- Conforms to ASME B16.9 & ASTM A234 WPB

Welding Bevel Design



| Wall Thickness(t) | End Preparation |
|----------------------|---|
| Less than x (2) | Cut square or slightly chamfer, at manufacturer's option(not illustrated) |
| x to 0.88, inclusive | Plain bevel as shown |
| More than 0.88 | Compound bevel as shown |

1. See ASME B16.9 for transition contours.
2. x = 0.19" for carbon or ferritic alloy steel and 0.12" for austenitic alloy steel.

BW- FITTINGS



ADITYA STEEL ENGINEERING CO. Leading Manufacturer & Suppliers of Stainless Steel, Alloy Steel, Nickel alloy, Carbon Steel, Copper, Other Ferrous & Non-Ferrous Butt-weld fittings In India.

BUTT-WELD PIPE FITTINGS STEEL GRADE :

STAINLESS STEEL:

ASTM, A403, WP304 / 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 / WP92

SIZE: 1/8" NB TO 48" NB (Seamless & Welded)

WALL THICKNESS: Sch.5S to Sch:XXS and heavy wall thickness

PIPE BEND:

Bend Radius :

2.5D, 3D, 4D, 5D, 6D, 7D, 8D, 9D, 10D

Bend Angle (Degree):

15°, 30°, 45°, 60°, 90°, 135°, 180° or any other degree as per request





SPECIALITIES

APPLICATIONS INDUSTRY :

Oil Refineries
Chemical Plants
Fertilizers Plants
Petrochemicals Plants
Sugar Mills
Pharmaceuticals Plants
Textile Machineries
Industrial Machineries
Power Industries
Cement

OUR SPECIALITIES:

Customer focused approach
Superior quality products
Timely deliveries
Customize Size & Specification
Competitive Pricing



Buttweld Fittings Manufacturer In India

Registered Off. Add: Office No: F-45, Wondermall Premises, G.B. Road, Thane 400607 (Maharashtra – India).

Factory Add: Plot N. 4/A Citizen Industrial Estate, Azad Nagar, Golani, Vasai East 401208 (Palghar).