

Line Pipes

Detail:

CARBON STEEL PIPES & TUBES

Seamless or Welded

Specifications and Steel Grade:

ASTM A106; ASTM A53; ASTM A210; ASTM A333; ASTM A519-98; ASTM A179;
ASTM270

BS 1387; EN 10297; EN 10355

DIN 2391; DIN 17175; DIN 1629

API 5L GRB, X42, X46, X52, X56, X60, X65

JIS 3444; JIS 3466; JISG 3445; JISG3454; STPG 370

GB/T 8162-1999; GB/T 8163-1999

Size Range:

Seamless Series: OD: 10.3 - 830 mm; Thickness: 1.7 - 70 mm

Welded Series: OD: 10 - 2600 mm; Thickness: 3 - 30 mm

STAINLESS STEEL PIPES & TUBES

Seamless or Welded

Specifications and Steel Grade:

ASTM A312; ASTM A213; ASTM A249; ASTM A268; ASTM A269; ASTM A554; ASTM A789

GB/T 14975; GB/T 12771; GB/T 13296; GB/T 12770; GB/T 14976

TP 304; TP 304L; TP 316; TP 316L; TP 321; TP 317L; 309S; 310S

Size Range:

Seamless Series: OD: 6 - 762 mm; Thickness: 0.5 - 50 mm

Welded Series: OD: 6 - 2600 mm; Thickness: 0.3 - 30 mm

Sanitary Tubing: 1/8" - 6"

ALLOY STEEL PIPES & TUBES

Seamless or Welded

Specifications and Steel Grade:

ASTM A335; P5; P9; P11; P22; P91

ASTM A333, Gr. 6





High Pressure Fittings

Detail:

Seamless or Welded

Type

Elbow

Tee

Reducer

Cap, etc...

Pressure Class & WT:

SCH100/ SCH 120/ SCH140/ SCH 160/ XXS

Max. WT 100mm

Materials:

Carbon Steel: ASTM A234-WPB,WPC,

Stainless Steel: ASTM A403

WP304,WP304L,WP304H,WP316,WP316L,WP321,WP321H,WP347H,WP317,

Duplex Steel: ASTM A815 S31803, 2205, S32750, S32760

Low Temp Steel: ASTM A420-WPL6,WPL3,

Alloy Steel: ASTM A234-WP11,WP22,WP91

Size Range:

Seamless DN15 (1/2") -- DN900 (36")

Welded DN450 (18") -- DN2500 (100")

Flanges

Detail:

Type of Flanges:

Weld Neck

Slip-on

Blind

Socket Weld

Lap Joint

Spectacles

Ring Joint

Orifice etc.

Specifications and Steel Grades

Carbon Steel: ASTM A105/ A105N/ A694 F42/46/52/56/60/65/70 / A350 LF3/ A350 LF2, etc.

Stainless Steel: ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/904L/ etc.

Alloy Steel: ASTM A182 F1/ F5/ F9/ F11/ F22/ F91/ etc.

Size Range:

1/8" up to 48" NB.

Class:

150#, 300#, 400#, 600#, 900#, 1500# & 2500#.



Forged Fittings

Detail:

Socket Weld & Threaded (NPT)

Types:

Elbow

Tee

Coupling

Weldolet / Sockolet / Thredolet

Caps

Union

Bushing

Cross

Plug

Swage Nipple

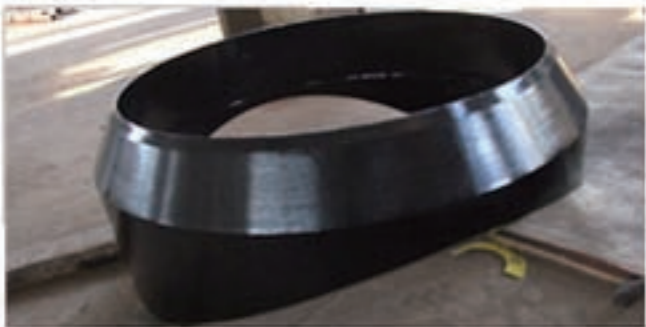
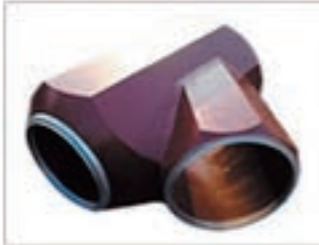
Hexagon Nipple etc...

Specifications and Steel Grade

Carbon Steel: ASTM A105/ A105N/ A694 F42/46/52/56/60/65/70 / A350 LF3/ A350 LF2, etc.

Stainless Steel: ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L/ etc.

Alloy Steel: ASTM A182 F1/ F5/ F9/ F11/ F22/ F91/ etc.



Butt Welded Fittings

Detail:

Seamless or Welded Fittings

Types:

ELBOW, TEES, REDUCERS, CAPS, SPLIT TEE, Y TEE, BARRED TEE, STUB ENDS. ETC.

Specifications and Steel Grade:

CARBON STEEL: ASTM A234 WPB, WPC; ASTM A420 WPL9, WPL3, WPL6, WPHY-42, WPHY-46, WPHY-52, WPHY-60, WPHY-65, WPHY-70,

ALLOY STEEL: ASTM A234 WP1, WP11, WP12, WP22, WP5, WP9, WP91

STAINLESS STEEL: ASTM A403 WP304/304L, WP316/316L, WP321, WP347

Size Range:

Carbon Steel: From ½" up to 96"

Stainless Steel (Seamless): From ½ up to 24"

Stainless Steel (Welded): From 26" up to 72"

Schedule:

Carbon & Alloy Steel: SCH STD, XS, XXS, SCH 10 ~ SCH 160 and special thickness

Stainless Steel: SCH 5S, 10S, 40S, 80S and special thickness

