

ELBOW & BEND

Technology: Seamless; Welded

Size: DN20-DN2000

Thickness: SCH10; SCH20; SCH30; STD; SCH40; SCH60; SCH80; SCH100;
SCH120; SCH160; XS; XXS; Thickness To 150mm

Radius : 1D; 1.5D; 2D; 2.5D; 3D; 4D; 5D; 6D

Material: A234 WPB; A420 WPL3, WPL6 NACE MR-0175 API5L X42, X46,
X52, X56, X60, X65, X70, X80(NS, MS) WP5, WP9, WP11, WP22, WP91

A403 WP304L; WP316L; S31803; 2205 904L

Special Materials such as Monel, Inconel, Cu-Ni, Duplex SS, etc.

are available upon request.

Standard: ASME B16.9; GB12459; DIN2605; GOST17375; JIS B2311

Coating: Anti-Corrosive Coatings; 3LPE Coating; Galvanized(HDG & Cold) etc.

Inspection: Chemical Composition Analysis; Mechanical Properties;

Metallographic Test; HIC-SSC; Heat Treatment; Ultrasonic Test; Penetration Test;

Magnetic Powder Test; X-Ray Test; Hydraulic Test; Bursting Test, etc.

Application: Water Disposal; Electric Power; Chemical Engineering; Ship Building;

Nuclear Energy; Garbage Disposal; Natural Gas; Petroleum

ELBOW



BEND



CROSS



TEE



Tee & Cross

Technology: Seamless; Welded

Size: DN20-DN2000

Thickness: SCH10; SCH20; SCH30; STD; SCH40; SCH60; SCH80; SCH100;

SCH120; SCH160; XS; XXS; Thickness To 150mm

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Application: Water Disposal; Electric Power; Chemical Engineering; Ship Building;

Nuclear Energy; Garbage Disposal; Natural Gas; Petroleum

Reducer

Technology: Seamless; Welded

Size: DN20-DN2000

Thickness: SCH10; SCH20; SCH30; STD; SCH40; SCH60; SCH80; SCH100;

SCH120; SCH160; XS; XXS; Thickness To 150mm

Material: A234 WPB; A420 WPL3, WPL6 NACE MR-0175 API5L X42, X46,

X52, X56, X60, X65, X70, X80(NS, MS) WP5, WP9, WP11, WP22, WP91

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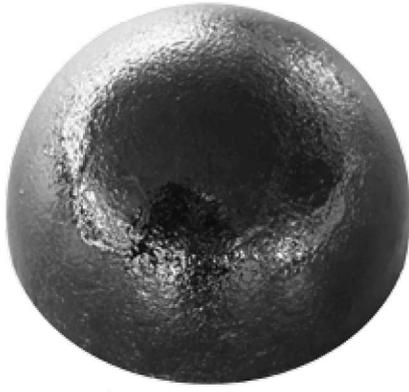
Magnetic Powder Test; X-Ray Test; Hydraulic Test; Bursting Test, etc.

Application: Water Disposal; Electric Power; Chemical Engineering; Ship Building;

Nuclear Energy; Garbage Disposal; Natural Gas; Petroleum

Reducer





CAP



CAP

Technology: Seamless; Welded

Size: DN20-DN2000

Thickness: SCH10; SCH20; SCH30; STD; SCH40; SCH60; SCH80; SCH100;

SCH120; SCH160; XS; XXS; Thickness To 150mm

Radius : 1D; 1.5D; 2D; 2.5D; 3D; 4D; 5D; 6D

Material: A234 WPB; A420 WPL3, WPL6 NACE MR-0175 API5L X42, X46,

X52, X56, X60, X65, X70, X80(NS, MS) WP5, WP9, WP11, WP22, WP91

A403 WP304L; WP316L; S31803; 2205 904L

Special Materials such as Monel, Inconel, Cu-Ni, Duplex SS, etc.

are available upon request.

Standard: ASME B16.9; GB12459; DIN2605; GOST17375; JIS B2311

Coating: Anti-Corrosive Coatings; 3LPE Coating; Galvanized(HDG & Cold) etc.

Inspection: Chemical Composition Analysis; Mechanical Properties;

Metallographic Test; HIC-SSC; Heat Treatment; Ultrasonic Test; Penetration Test;

Magnetic Powder Test; X-Ray Test; Hydraulic Test; Bursting Test, etc.

Application: Water Disposal; Electric Power; Chemical Engineering; Ship Building;

Nuclear Energy; Garbage Disposal; Natural Gas; Petroleum

Flange

Technology: Forged

Size: 1/2" - 120"; DN15-DN3000

Pressure: 150 LB; 300 LB; 600 LB; 900 LB; 1500 LB; 2500 LB

Type : Weld Neck Flange; Socket Flange; Lap-Joint Flange; Threaded

Flange; Slip-On Flange; Plate Flange; Blind Flange; Spectacle Blind Flange

Material: ASTM A105N (NACE MR-0175); A182Gr.F304L; F316L; A350 LF2;

A694 F24-F70; WP5; WP9; WP11; WP22; F91; etc. are available upon request.

Standard: ASME B16.5; API 6A; HG20592; DIN2527-2569; EN1092; BS4504;

GOST 12820; JIS.

Coating: Anti-rust Oil; Anti-Corrosive Coatings; 3LPE Coating; Galvanized; etc.

Inspection: Chemical/Mechanical Analysis; HIC-SSC; Ultrasonic; Penetration;

Magnetic Powder; Hydraulic Test

Application: Water Disposal; Electric Power; Chemical Engineering; Ship Building;

Nuclear Energy; Garbage Disposal; Natural Gas; Petroleum

Flange



OTHER PRODUCTS

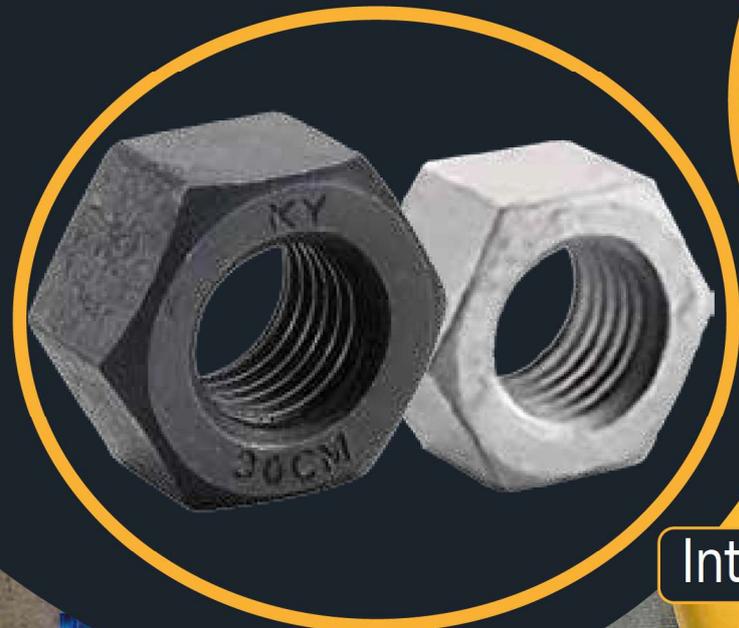
1- STEEL PIPE



2- Fasteners



2- Fasteners



Internal & External Coating products



PREFABRICATED PIPE FITTING

Customizable according to customer's requirements

Weld Overlay Clad Pipes

Min. ND: 4"

Min. WT of Base Pipe: 8mm

Max. Length: 6 - 12.2 M

Base Pipe: Seamless or Weld

Base Pipe Material:

API 5L Gr.B-X80

ASTM A333

ASTM A106/153, etc.

Filler Metal: Inconel 625

Incoloy 825

Inconel C276

Monel 400

Duplex/Super Duplex

300 Series Stainless Steel, etc.

Code: API 5DL/DNV-ST-F101



PREFABRICATED PIPE FITTING

Customizable according to customer's requirements

Weld Overlay Clad Fittings

Elbows/Tees/Reducers/etc.

Min. ND: 3"

Min. WT of BM: 8mm

Base fittings : Seamless or Weld

Base Material:

ASTM A860 WPHY52-80

ASTM A234, etc.

Filler Metal:

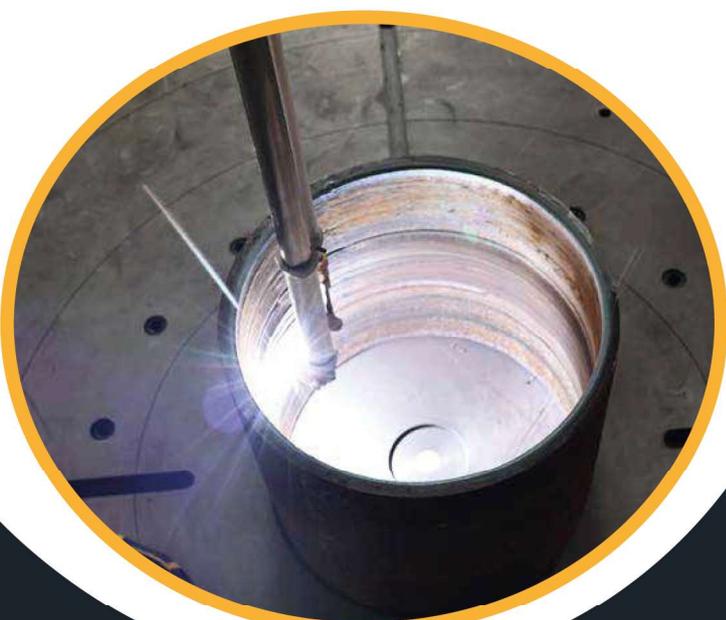
Inconel 625/C276

Incoloy 825

Monel 400

Duplex, Stainless Steel

Code: ASME B16.9, ISO 24139-2



Weld Overlay Clad Valves

Elbows/Tees/Reducers/etc.

Base Material: AISI 4130/8630

A350 LF2

ASTM A105

ASTM A216 WCB; etc.

Filler Metal :

Inconel 625

Incoloy 825

Inconel C276

Monel 400

Duplex / Super Duplex

300 Series Stainless Steel , etc.

Code: API 6A/API 6D/API 600, etc.

Weld Overlay Clad Subsea

Forgings & Wellhead Parts

Min. ID: 40 mm

Base Material:

API 5L Gr. B-X80

ASTM A333

ASTM A106/153, etc.

Filler Metal:

Inconel 625

Incoloy 825

Code: API 6A/API 170 , etc

Weld Overlay Clad Bends

Min. ND: 4"

Min. WT of Base Pipe: 8 mm

Base Pipe: Seamless

Base Material: API 5L Gr. B-X70

ASTM A333

ASTM A106/A53, etc.

Filler Metal :

Inconel 625

Incoloy 825

Duplex / Super Duplex

300 Series Stainless Steel , etc.

Code: DNV-ST-F101

ISO 24139-1

ISO 15590-1

ASME B16.49

Weld Overlay Clad Prefabrication

Solid or Clad Material :

Carbon Steel/Alloy Steel

Stainless Steel/Nickel Base Alloy

Clad Material

Inspection: Dimensional Check

NDT Inspection

Hydrostatic Testing

External Coating If Required

Weld Overlay Clad Flanges

Min. ID: 40 mm

Min. WT of BM: 8 mm

Base Pipe: Seamless

Base Material:

ASTM A694 F25-70

ASTM A105/A1514140, etc.

Filler Metal : Inconel C276

Inconel 625

Incoloy 825

Monel 400

Duplex / Super Duplex

300 Series Stainless Steel , etc.

Code: ASME B16.5

ANSI/MSS SP-44

API 6A/API 17D, etc.





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