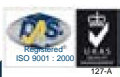


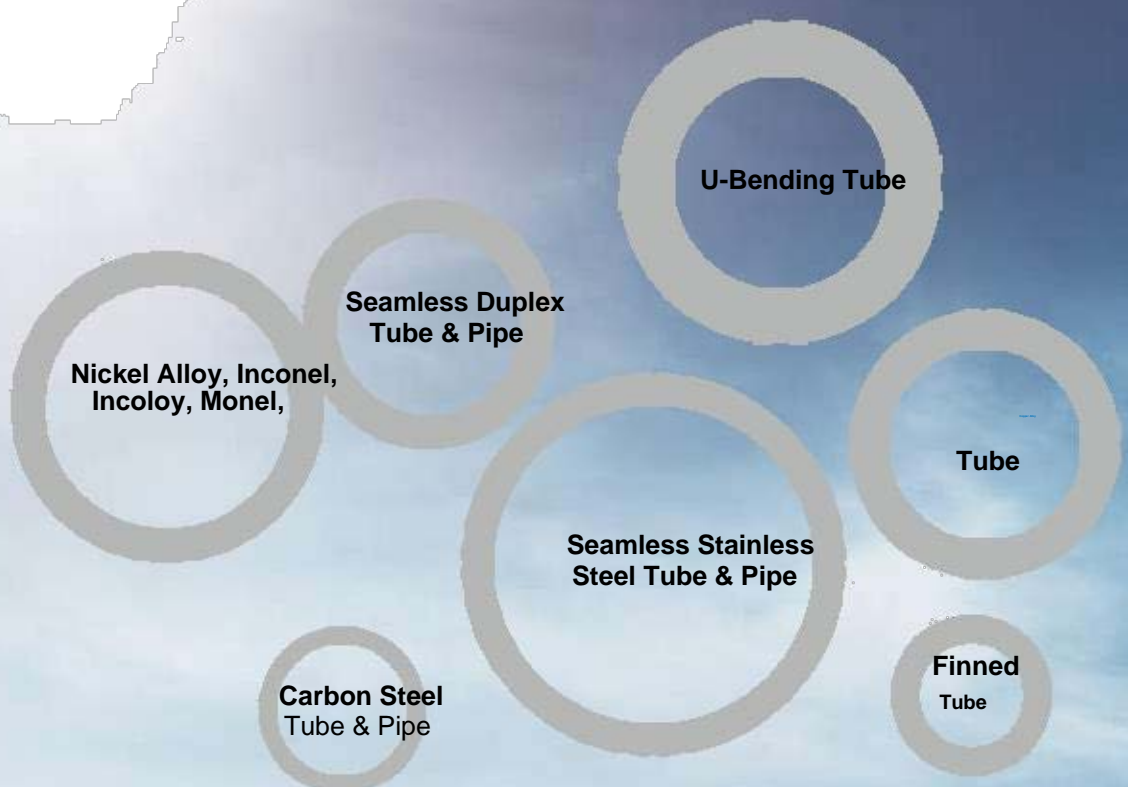


THE WORLD BEST OF METALIC TUBES & PIPES

RELIABLE QUALITY  
COMPETITIVE PRICE  
PUNCTUAL DELIVERY

INNOBIZ  
기술혁신형중소기업





**U-Bending Tube**

**Seamless Duplex  
Tube & Pipe**

**Nickel Alloy, Inconel,  
Incoloy, Monel,**

**Tube**

**Seamless Stainless  
Steel Tube & Pipe**

**Carbon Steel  
Tube & Pipe**

**Finned  
Tube**

# PURSuing THE BEST TECHNOLOGY







# SEAMLESS STAINLESS STEEL TUBE & PIPE

Stainless Steel is often used for construction tubes over other metals like aluminum when extra stress resistance is necessary. The use of seamless stainless steel pipe has expanded into new applications, such as light industry, foodstuff, home electric appliances, kitchen articles, construction and decorations, railroad vehicles; some seamless stainless steel pipe/tube which has excellent corrosion resistant, mechanical properties are suitable for various applications.

## Applicable Standards

ASME, ASTM, EN, DIN, JIS, KS

## Applicable Material

TP304, TP304L, TP304N, TP316, TP316L, TP317, TP317L, TP321, TP347, TP305, TP310S, TP409, TP410

## Applications



Industrial Boiler



Heat Exchanger



Power Plant

## Applicable Size Range (unit: mm)

Outer Diameter: 1.5 - 325.0  
Wall Thickness: 0.5 - 45.0  
Length: 30,000 (38,000 for special demands)

# U-BENDING TUBE

With the reliable support of experienced experts, T-tube manages to fulfill the customers' various demands. Equipped with new machines and technologies, T-tube expects to strengthen its position in tube bending industries as well.

## Applicable Standards

ASME, ASTM, EN, DIN, JIS, KS

## Applicable Material

TP304, TP304L, TP304N, TP316, TP316L, TP317, TP317L, TP321, TP347, TP305, TP310S, TP409, TP410, A179, A192, A106 Gr.B, A210-A1, A334 Gr.1, A334 Gr.6, A213 T11, A213 T22, A213 T5, C44300, C68700, C70600, C71500, C71640, S31803, S32205, S32750, S31254, N06600, N06625, N06690, N08800, N08825, N04400

## Applications



Industrial Boiler



Power Plant



Heat Exchanger

## Applicable Size Range (unit: mm)

Outer Diameter: 1.5 - 325.0  
Wall Thickness: 0.5 - 45.0  
Length: 30,000 (38,000 for special demands)



# FINNED TUBE

Finning of the tube greatly enhances the efficiency of heat exchangers and boilers by increasing the heating/cooling conductivity inbetween.

## Applicable Standards

ASME, ASTM, EN, DIN, JIS, KS

## Applicable Material

TP304, TP304L, TP304N, TP316, TP316L, TP317, TP317L, TP321, TP347, TP305, TP310S, TP409, TP410, A179, A192, A106 Gr.B, A210-A1, A334 Gr.1, A334 Gr.6, A213 T11, A213 T22, A213 T5, C44300, C68700, C70600, C71500, C71640, S31803, S32205, S32750, S31254, N06600, N06625, N06690, N08800, N08825, N04400

## Applications



Oil Cooler



Condenser



Heat Exchanger

## Applicable Size Range (unit: mm)

Outer Diameter: 1.5 - 325.0  
Wall Thickness: 0.5 - 45.0  
Length: 30,000 (38,000 for special demands)





# CARBON STEEL TUBE & PIPE

Carbon steel tubes and pipes are used in mechanical and pressure applications, most commonly in steam, water, gas and air lines as well as in a heat recovery steam generator (HRSG). An HRSG is a heat exchanger, used in combined cycle power stations, which recovers heat from hot gases coming from a gas turbine. It produces steam used to drive a steam turbine that generates electricity. HRSG tubes operate at high pressures and temperatures for long periods of time and must guarantee excellent creep, corrosion, and steam oxidation resistance.

## Applicable Standards

ASME, ASTM, EN, DIN, JIS, KS

## Applicable Material

A179, A192, A106 Gr.B, A210-A1, A334 Gr.1, A334 Gr.6, A213 T11, A213 T22, A213 T5

## Applications



Oil and Gas Pipeline



Refinery



Petrochemical Plants

## Applicable Size Range

(unit: mm)

Outer Diameter: 1.5 - 325.0

Wall Thickness: 0.5 - 45.0

Length: 30,000 (38,000 for special demands)



# COPPER ALLOY TUBE

The excellent corrosion resistance of copper alloys has long been recognized by the engineering community. This is due to the formation of a protective oxide film, which when combined with the inherent antifouling characteristics and high thermal conductivity results in their wide use. Typical applications include the large tonnage multistage flash evaporators for desalting plants, power utility surface condensers and petrochemical plant heat exchangers.

## Applicable Standards

ASME, ASTM, EN, DIN, JIS, KS

## Applicable Material

C44300, C68700, C70600, C71500, C71640

## Applications



Ship Building



Desalination



Heat Exchanger

## Applicable Size Range (unit: mm)

Outer Diameter: 1.5 - 325.0  
Wall Thickness: 0.5 - 45.0  
Length: 30,000 (38,000 for special demands)



## SEAMLESS DUPLEX TUBE & PIPE

In power plant condensers, duplex tubes consisting of an inner titanium layer with outer copper-nickel alloys are employed. This enables the use of copper's beneficial mechanical and chemical properties (e.g., stress corrosion cracking, ammonia attack) along with titanium's excellent corrosion resistance.

A duplex tube with inner aluminium brass or copper-nickel and outer stainless or mild steel can be used for cooling in the oil refining and petrochemical industries.

### Applicable Standards

ASME, ASTM, EN, DIN, JIS, KS

### Applicable Material

S31803, S32205, S32750, S31254

### Applications



Offshore



Fertilizer Industry



Petrochemical Industry

### Applicable Size Range (unit: mm)

Outer Diameter: 1.5 - 325.0

Wall Thickness: 0.5 - 45.0

Length: 30,000 (38,000 for special demands)



# NICKEL ALLOY, INCONEL, INCOLOY, MONEL, HASTELLOY TUBE

Nickel and nickel alloys are mainly used for corrosion resistance and/or heat resistance including aircraft gas turbines, steam turbine power, plants, medical applications, nuclear power systems, chemical and petrochemical industries.

Inconel alloys are oxidation and corrosion resistant materials well suited for service in extreme environments subjected to pressure and heat.

Monel is resistant to corrosion and acids, and some alloys can withstand a fire in pure oxygen. It is commonly used in applications with highly corrosive conditions.

## Applicable Standards

ASME, ASTM, EN, DIN, JIS, KS

## Applicable Material

N06600, N06625, N06690, N08800, N08825, N04400, N10276

## Applications



Desalination



Chemical Plant



Heat Exchanger

## Applicable Size Range

(unit: mm)

Outer Diameter: 1.5 - 325.0

Wall Thickness: 0.5 - 45.0

Length: 30,000 (38,000 for special demands)