



DIN 17175-79 Seamless Carbon Steel Tube For High Pressure Boiler Steel Pipe

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: DIN 17175-79
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Standard Export Packing
- Delivery Time: 7~30 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union



Product Specification

- Name: Seamless Steam Steel Boiler Pipes/Tubes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **din 17175-79 seamless carbon steel tube , boiler seamless carbon steel tube , din 17175-79 high pressure boiler steel pipe**



Product Description

DIN 17175-79 Seamless Steel Tubes For High Pressure Boiler Steel Pipe

DIN 17175-79 Seamless Steel Tubes For High Pressure Boiler Steel Pipe are widely used in high-pressure boiler systems for the transportation of fluids at elevated temperatures and pressures. These seamless steel tubes adhere to the specifications outlined in the DIN 17175-79 standard, ensuring their quality and performance in demanding boiler applications.
Standard: DIN 17175-79

Application:

DIN 17175-79 Seamless Steel Tubes For High Pressure Boiler Steel Pipe are primarily used in high-pressure boiler systems for the transportation of fluids at elevated temperatures and pressures. These tubes find application in various industries, including:

Power Generation: They are utilized in power plants for steam generation and the efficient transfer of heat from the burning fuel to the water or steam.

Petrochemical Industry: These tubes are used in petrochemical plants for high-pressure and high-temperature processes, including steam cracking and hydrogen production.

Refineries: They find application in refineries for the transportation of fluids in high-pressure boiler systems involved in crude oil distillation and product refining.

Chemical Composition:

Element	Composition Range (%)
Carbon (C)	0.10-0.20
Manganese (Mn)	0.80-1.20
Phosphorus (P)	0.035 max
Sulfur (S)	0.035 max
Silicon (Si)	0.10-0.35

Mechanical Properties:

Property	Minimum Value
Tensile Strength	410-530 MPa
Yield Strength	255 MPa
Elongation	21% min
Hardness (HB)	130 max

Note: The mechanical properties are tested on the transverse specimens as per DIN 17175-79 requirements.

Product Features:

High Pressure Resistance: DIN 17175-79 seamless steel tubes are designed to withstand high pressures encountered in boiler systems, ensuring safe and efficient operation.

High-Temperature Resistance: These tubes exhibit excellent resistance to high temperatures, making them suitable for applications involving superheated steam or hot gases.

Seamless Construction: The seamless manufacturing process eliminates weld seams, enhancing the tubes' strength, reliability, and resistance to leaks.

Corrosion Resistance: The steel composition provides good resistance against corrosion in high-pressure and high-temperature boiler environments.

Precision Dimensions: DIN 17175-79 seamless steel tubes are manufactured with precise dimensions, ensuring compatibility and ease of installation in boiler systems.

Product Image





Company Profile

BAOYANG · CHINA COMPANY INFORMATION



Cangzhou BaoYang Pipe Industry Co., Ltd

Cangzhou Baoyang Pipe Industry Co., Ltd. is located in the Hope New Area of Mengcun County, Hebei Province, China's pipeline equipment base. It is an enterprise that integrates spot storage of steel pipes, production of pipe fittings, and sales and exports. Our company mainly operates seamless pipes made of special materials, and has long-term good cooperative relationships with major steel mills such as Tianjin Seamless, Hengyang Hualing, Yantai Lubao, Inner Mongolia Baosteel, Shanghai Baosteel, Jiangsu Chengde, Anhui Tianda, etc. Our products are widely used in pipeline engineering fields such as petroleum, petrochemical, chemical, natural gas, thermal power, boilers, etc

Factory Tour

Factory Picture

Cangzhou Baoyang Pipeline Co., Ltd



team introduction

OUR FRIENDS



Applications

BAOYANG · CHINA APPLICATION SCENARIOS



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