



High Pressure Steel Steam Boiler Pipe Tubes Hot Rolled Cold Rolled Seamless Cs Pipe

Our Product Introduction

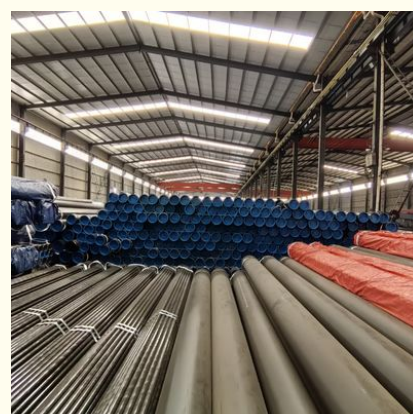
Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: Seamless Steam Steel Boiler Pipes/Tubes
- 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: **cold rolled seamless cs pipe ,
boiler seamless cs pipe ,
hot rolled steam boiler pipe**



Product Description

High Pressure Seamless Steam Steel Boiler Pipes/Tubes

1. Product Description: High Pressure Seamless Steam Steel Boiler Pipes/Tubes are engineered to provide exceptional performance in steam generation systems. These pipes and tubes are seamless, ensuring uniform wall thickness and superior mechanical strength. Designed to withstand the rigors of high pressure and temperature, they are ideal for use in boiler systems where safety and efficiency are paramount.

2. Product Parameters:

Parameter	Description
Material	Carbon and Alloy Steel (Seamless)
Standard	ASME SA210, SA213, DIN 17175, GB/T5310, etc.
Size Range	Various diameters and wall thicknesses as per relevant standards
Length	Standard lengths, customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, annealed, or normalized

3. Mechanical Properties:

Property	Typical Requirements
Tensile Strength	≥415 MPa (60,000 psi) to ≥620 MPa (90,000 psi) depending on grade
Yield Strength	≥205 MPa (30,000 psi) to ≥415 MPa (60,000 psi) depending on grade
Elongation	≥20% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment and specific grade

4. Chemical Composition:

Element	Typical Range (%) for Carbon Steel	Typical Range (%) for Alloy Steel
Carbon	0.15 - 0.30	0.10 - 0.25
Manganese	0.30 - 1.00	0.30 - 1.00
Chromium	-	0.50 - 13.00 (depending on grade)
Molybdenum	-	0.20 - 2.00 (depending on grade)
Phosphorus	≤ 0.025	≤ 0.025
Sulfur	≤ 0.025	≤ 0.025

5. Product Uses:

Steam Generation: Utilized in boilers for generating high-pressure steam for power generation and industrial processes.

Superheater and Reheater Applications: Used in superheaters and reheaters to increase the temperature and efficiency of steam.

Heat Exchangers: Suitable for high-pressure heat exchangers in various industries.

Pressure Vessels: Ideal for construction of high-pressure vessels in petrochemical, refining, and other industries.

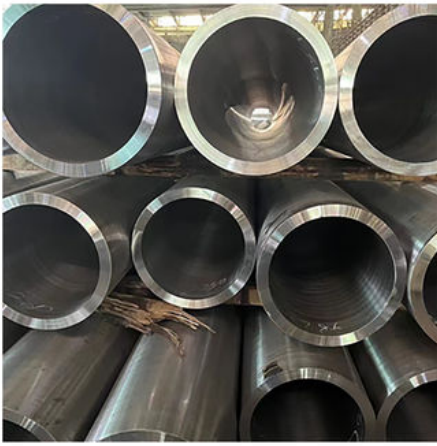
6. Product Grade Standards:

ASME SA210 and SA213: These standards cover seamless ferritic and austenitic alloy-steel boiler, superheater, and heat-exchanger tubes.

DIN 17175: A German standard that specifies the technical requirements for seamless alloy steel tubes for high-temperature and high-pressure service.

GB/T5310: A Chinese standard for high-pressure boiler seamless steel tubes.

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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