



## High Temperature carbon steel seamless pipe / Tubes For Ships 6-2500mm Outer Diameter

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: Carbon Steel Seamless Pipe
- 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 Steel Pipe
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: Carbon Steel Seamless Pipe
- Material: Carbon Steel Alloy Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 6-2500mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **ships carbon steel pipe seamless, ships carbon steel seamless pipe, industry carbon steel pipe seamless**



Product Description

High Temperature Carbon Steel Seamless Pipe /Tubes For Ships

Carbon steel seamless steel pipes used in shipbuilding are engineered to provide exceptional strength and durability for maritime applications. These pipes are manufactured without a seam, ensuring a consistent material structure that can withstand the harsh conditions and dynamic loads present in marine environments. They are designed to meet various international standards that dictate specific requirements for mechanical properties, chemical composition, and dimensional accuracy.

Applications:

**Pressure Piping:** Utilized in the ship's piping systems for high-pressure applications, including hydraulic and pneumatic systems.

**Transportation of Fluids:** Used for transporting oil, water, and other fluids within the ship's infrastructure.

**Boiler Systems:** Employed in shipboard boilers for power generation and heating.

**Structural Components:** Served as critical structural elements in the ship's framework.

**Refrigeration Systems:** Used in marine refrigeration systems for cargo hold temperature control.

Functions:

**Pressure Containment:** Capable of withstanding high pressures in various ship systems.

**Corrosion Resistance:** Designed to resist corrosion from saltwater and other marine environments.

**Load Bearing:** Serve as load-bearing elements in the ship's structure.

**Fluid Transport:** Provide a conduit for the safe and efficient transport of fluids.

**Heat Transfer:** Used in heat exchangers for temperature regulation in various processes.

Standard for Carbon Steel Seamless Steel Pipes for Shipbuilding:

Aspect	Description
Standard	ABS, API, ASTM A106/A53, ASTM A333, DIN 2391, EN 10305, GB/T 8162, GB/T 8163
Grade	Commonly includes grades such as A, B, A53 Type F, SA106 Grade C, and others suitable for marine environments

Chemical Composition:

Element	Typical Range (%)
Carbon (C)	0.05-0.30 depending on the grade
Manganese (Mn)	0.30-1.65 depending on the grade
Phosphorus (P)	≤ 0.035
Sulfur (S)	≤ 0.035
Silicon (Si)	≤ 0.35
Chromium (Cr)	Varies by grade, some grades may not include Cr
Nickel (Ni)	Varies by grade, some grades may not include Ni

Mechanical Properties:

Property	Typical Range
Tensile Strength (MPa)	380-620 depending on the grade
Yield Strength (MPa)	205-450 depending on the grade
Elongation (%)	≥ 20% (for most grades)
Hardness	Varies based on heat treatment and grade

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# PRODUCT DISPLAY

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**Company Profile**

# BAOYANG · CHINA COMPANY INFORMATION

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## 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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