GB/T 8162 Seamless Structural Steel Pipes / Alloy Steel Seamless Tubes Cold Drawn

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GB/T 8162
- 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 Alloy Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: GB/T 8162
- Material: Alloy Steel Pipe
- Wall Thickness: 1-30mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 10-324mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **alloy steel seamless tubes cold drawn**, **structural alloy steel seamless tubes**, **gb/t 8162 structural steel pipes**

Product Description

GB/T 8162 Seamless Steel Pipes for Structural Purpose

1. Product Description:

GB/T 8162 Seamless Steel Pipes for Structural Purpose are designed to meet the demands of various structural applications in construction, engineering, and architecture. These pipes are manufactured from carbon steel and are seamless, ensuring uniform wall thickness and superior structural integrity. The seamless design provides greater resistance to pressure and eliminates potential seam-related failures.

2. Product Features:

Seamless Construction: Uniform wall thickness and enhanced mechanical strength.
High Strength: Offers high tensile and yield strength for load-bearing applications.
Weldability: Suitable for welding, allowing for various construction techniques.
Corrosion Resistance: Provides resistance to atmospheric corrosion for extended service life.
Versatility: Available in a range of sizes and grades to suit different structural requirements.

3. Product Parameters:

Parameter	Description
Standard	GB/T 8162
Material	Carbon Steel (Seamless)
Grade	Various grades available for different mechanical properties
Size Range	Wide range of diameters and wall thicknesses
Length	Standard lengths, customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, annealed, or normalized

4. Mechanical Properties:

Property	Typical Requirements
Tensile Strength	≥415 MPa (60,000 psi)
Yield Strength	≥240 MPa (35,000 psi)
Elongation	≥20% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment

5. Chemical Composition:

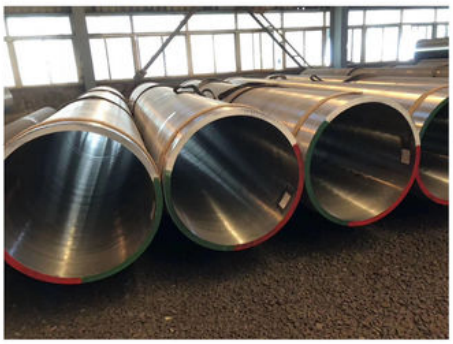
Element	Typical Range (%)
Carbon	0.16 - 0.23
Manganese	0.30 - 0.50
Phosphorus	≤0.035
Sulfur	≤0.035
Silicon	≤0.35

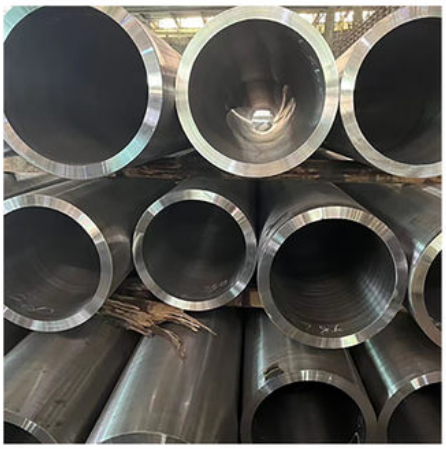
6. Product Applications:

Structural Framing: Utilized in building and construction for structural framing.
Mechanical Equipment: Ideal for manufacturing equipment that requires a strong and stable framework.
Piping Systems: Suitable for use in industrial piping systems for various fluids.
Infrastructure Projects: Employed in bridges, highways, and other large-scale infrastructure projects.
Reinforcement: Used for reinforcement in concrete structures and as support columns.

Product Image

Cangzhou Baoyang Pipeline Co., Ltd






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

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APPLICATION SCENARIOS

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