



Hot Rolling Seamless Carbon Structural Round Metal Pipe En10210 S355j S355j2h

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: En10210 S355j S355j2h
- 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: Hot Rolling Seamless Carbon Structural Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM/ASME/DIN/En
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 6-2500mm
- Processing Service: Bending, Punching, Cutting
- Usage: Casing Tube Boiler Pipe
- Highlight: round metal pipe en10210, en10210 steel round pipe, s355j round metal pipe



Product Description

EN10210 S355J S355J2H Hot Rolled Seamless Carbon Structural Steel Pipes

1. Product Description: EN10210 S355J and S355J2H Hot Rolled Seamless Carbon Structural Steel Pipes are designed for structural applications where high strength and durability are required. These pipes are manufactured through a hot rolling process, which involves rolling the steel at high temperatures to achieve the desired shape and dimensions. The 'S355' designation indicates the minimum (yield strength) of the steel, which is 355 N/mm².

2. Product Parameters:

Parameter	Description
Grades	S355J, S355J2H
Material	Hot Rolled Carbon Structural Steel (Seamless)
Standard	EN10210
Size Range	Various diameters and wall thicknesses as per EN10210
Length	Standard lengths available, customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, normalized, or annealed

3. Product Advantages:

Seamless Construction: Offers uniform wall thickness and improved resistance to pressure and stress.

Hot Rolled Strength: Provides enhanced mechanical properties due to the hot rolling process.

Structural Reliability: Suitable for applications requiring high structural integrity.

Cost-Effective: A more economical option compared to other high-strength steel pipes.

Weldability: Good weldability characteristics for structural assembly.

4. Product Uses:

Structural Frameworks: Used in the construction of buildings and bridges.

Mechanical Equipment: Ideal for manufacturing mechanical equipment that requires structural support.

Transportation Infrastructure: Employed in the construction of transportation infrastructure like railways and highways.

Pressure Vessels: Suitable for the fabrication of pressure vessels and storage tanks.

Heavy Machinery: Utilized in heavy machinery where high structural strength is needed.

5. Executing Standards:

EN10210: The pipes are manufactured in compliance with the European Standard EN10210, which specifies the technical delivery conditions for hot finished or cold finished seamless 管 (pipes).

6. Mechanical Properties:

Property	S355J Requirement	S355J2H Requirement
Tensile Strength	≥440 MPa to 590 MPa	≥440 MPa to 590 MPa
Yield Strength	≥355 MPa	≥355 MPa
Elongation	≥21%	≥21%
Impact Energy	Varies by product specification	

7. Chemical Composition:

Element	Typical Range (%)
Carbon	0.18 - 0.23
Manganese	1.00 - 1.60
Phosphorus	≤ 0.025
Sulfur	≤ 0.025
Silicon	0.10 - 0.55

Conclusion: EN10210 S355J and S355J2H Hot Rolled Seamless Carbon Structural Steel Pipes are engineered for structural applications that require a balance of strength, ductility, and reliability. Their seamless design and adherence to the EN10210 standard make them suitable for a wide range of uses in construction, mechanical equipment, and transportation infrastructure. These pipes offer a cost-effective solution for projects where structural integrity is paramount.

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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