Hot Rolled Carbon Seamless Steel Pipes/Tubes

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM/DIN/GB/EN/JIS
- 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 Carbon Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM/DIN/GB/EN/JIS
- Material: Carbon 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: **hot rolled seamless steel pipe**, **hot rolled seamless stainless steel pipe**, **en seamless steel pipe**

Product Description

Hot Rolled Carbon Seamless Steel Pipes/Tubes
Product Description: Hot Rolled Carbon Seamless Steel Pipes/Tubes are manufactured through a process where carbon steel is heated and then hot rolled into tubes without any seam. This process results in a uniform wall thickness and a continuous grain structure, providing the pipes with enhanced mechanical properties and resistance to various applications.
Advantages:
Cost-Effective: The hot rolling process is more economical, resulting in lower production costs.
Seamless Construction: Provides a smooth interior and exterior surface without any welds, reducing the risk of leaks.
High Strength: The hot rolling process imparts greater strength to the steel.
Wide Availability: Comes in a variety of sizes and lengths to meet diverse requirements.
Versatility: Suitable for a broad range of applications due to its structural and mechanical properties.
Product Standards:
ASTM A53/A53M
ASME SA53
EN39100
JIS G3444
DIN 2448/2440
Material and Specifications:
Material: Carbon Steel (Low Carbon Steel, Medium Carbon Steel)
Sizes: Ranges from 1/8" to 24" in diameter, depending on the standard and application.
Lengths: Typically available in standard lengths, but custom lengths can be manufactured.
Mechanical Properties:
Tensile Strength: Typically 340-510 MPa (50-74 ksi)
Yield Strength: Typically 205-340 MPa (30-49 ksi)
Elongation: Generally 20-35%, depending on the grade and processing
Chemical Composition:
Carbon (C): Usually between 0.15% and 0.30% for most grades
Manganese (Mn): Typically up to 1.65%, contributing to strength
Phosphorus (P): Generally limited to a maximum of 0.035%
Sulfur (S): Generally limited to a maximum of 0.035%
Silicon (Si): Usually present in small amounts, up to around 0.60%
Applications:
Oil and Gas Industry: Used for transporting oil, natural gas, and water in pipelines.
Structural Purposes: Commonly used as structural components in construction projects.
Mechanical Equipment: Suitable for manufacturing various mechanical parts and equipment.
Pressure Vessels: Used in the construction of pressure vessels and boilers.
Piping Systems: Ideal for low to medium pressure piping systems in industrial plants.
Agricultural Implements: Employed in the manufacturing of agricultural machinery.

Company Profile

B A O Y A N G · C H I N A

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

team introduction

Applications

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APPLICATION SCENARIOS