



Hot Rolled Seamless Alloy Steel Tube ASTM A213/ASME SA213 T23 T91 T92

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A213/ASME SA213 T23 T91 T92
- 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: ASTM A213/ASME SA213 T23 T91 T92
- 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: **seamless alloy steel tube astm ,
hot rolled seamless alloy steel tube ,
astm alloy steel seamless tubes**



Product Description

ASTM A213/ASME SA213 T23, T91, T92 Alloy Seamless Steel Tubes/Pipes: Advanced Solutions for High-Temperature Industries

1. Product Description: ASTM A213/ASME SA213 T23, T91, and T92 Alloy Seamless Steel Tubes/Pipes are engineered for high-temperature applications that demand exceptional strength and resistance to thermal cycling. These tubes and pipes are crafted from alloy steel and are seamless, ensuring uniform wall thickness and optimal pressure resistance. The T23, T91, and T92 grades offer varying levels of mechanical properties and chemical compositions to cater to specific industrial needs.

2. Product Parameters:

Parameter	Description
Grades	ASTM A213/ASME SA213 T23, T91, T92
Material	Alloy Steel (Seamless)
Standard	ASTM A213, ASME SA213
Size Range	Various diameters and wall thicknesses as per ASTM/ASME 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	T23 Requirements	T91 Requirements	T92 Requirements
Tensile Strength	≥415 MPa	≥415 MPa	≥415 MPa
Yield Strength	≥205 MPa	≥276 MPa	≥310 MPa
Elongation	≥30%	≥20%	≥20%
Hardness	Varies	Varies	Varies

4. Chemical Composition:

Element	T23 Range (%)	T91 Range (%)	T92 Range (%)
Carbon	≤0.12	≤0.12	≤0.08
Manganese	≤0.50	≤0.50	≤0.50
Phosphorus	≤0.025	≤0.025	≤0.025
Sulfur	≤0.025	≤0.025	≤0.025
Silicon	≤0.50	≤0.50	≤0.50
Chromium	0.40-0.60	8.0-9.5	8.5-10.0
Molybdenum	0.40-0.60	0.30-0.60	0.80-1.10

5. Product Applications:

Heat Exchangers: Suitable for high-temperature heat exchange processes.

Boiler Tubes: Ideal for steam generation in high-pressure boilers.

Superheater Tubes: Employed in superheater sections to increase steam temperature.

Pressure Vessels: Utilized in the construction of high-pressure vessels and reactors.

Gas and Oil Industry: Used in pipelines and equipment for oil and natural gas transport in high-temperature environments.

6. Product Advantages:

Seamless Construction: Provides a consistent material structure and eliminates potential seam-related failures.

High-Temperature Resistance: Alloy steel offers excellent resistance to high temperatures and thermal cycling.

Creep Resistance: Designed to resist deformation under prolonged exposure to heat, critical in boiler applications.

Corrosion Resistance: The alloy content enhances the tubes' resistance to corrosion and oxidation.

Long Service Life: Built to last with minimal maintenance in harsh environments.

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

BAOYANG · CHINA APPLICATION SCENARIOS



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