



## High Temperature Alloy Seamless Steel Pipe Low Alloy GOST 15X5M 15X1M

### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GOST 15X5M 15X1M
- 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: GOST 15X5M 15X1M
- 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: **gost alloy seamless pipe,  
gost alloy seamless steel pipe,  
15x5m alloy seamless pipe**



## Product Description

### GOST 15X5M and 15X1M Low Alloy High-Temperature Seamless Steel Pipes

**1. Product Description:** GOST 15X5M and 15X1M Low Alloy High-Temperature Seamless Steel Pipes are engineered for applications that demand high levels of heat resistance and mechanical strength. These pipes are manufactured from low alloy steel and are seamless, ensuring uniform wall thickness and superior structural integrity. Designed to withstand extreme temperatures, these pipes are ideal for use in various high-temperature industrial processes.

#### 2. Product Parameters:

Parameter	Description
Grades	GOST 15X5M and 15X1M
Material	Low Alloy Steel (Seamless)
Standard	GOST 15X5M and GOST 15X1M
Size Range	Various diameters and wall thicknesses as per GOST 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	Typical Requirements
Tensile Strength	≥440 MPa (64,000 psi) for 15X5M; ≥510 MPa (74,500 psi) for 15X1M
Yield Strength	≥295 MPa (42,500 psi) for 15X5M; ≥355 MPa (51,500 psi) for 15X1M
Elongation	≥20% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment

#### 4. Chemical Composition:

Element	Typical Range (%) for 15X5M	Typical Range (%) for 15X1M
Carbon	0.10 - 0.18	0.12 - 0.20
Chromium	-	0.40 - 0.70
Molybdenum	-	0.40 - 0.60
Manganese	≤1.00	≤1.00
Phosphorus	≤0.025	≤0.025
Sulfur	≤0.025	≤0.025

#### 5. Product Applications:

**High-Temperature Equipment:** Used in equipment that operates under high temperatures, such as furnaces and boilers.

**Heat Exchangers:** Ideal for use in heat exchangers that work in harsh thermal conditions.

**Power Plants:** Employed in various components of power plants, including steam lines and turbines.

**Chemical and Petrochemical Industries:** Suitable for pipelines and reactors that handle chemicals at elevated temperatures.

**Refineries:** Utilized in refineries for high-temperature fluid transport and processing.

#### 6. Product Advantages:

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

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

**Creep Resistance:** Designed to resist deformation under prolonged exposure to heat.

**Weldability:** The 15X5M and 15X1M grades have good weldability, making them easy to integrate into various systems.

**Corrosion Resistance:** Enhanced resistance to corrosion and oxidation due to the alloy content.

## Product Image

Cangzhou Baoyang Pipeline Co., Ltd







**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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