



Precision Seamless Alloy Steel Pipes / Tubes 40CrMo 42CrMo 42CrMo4

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: Alloy Steel Pipe
- 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: **precision seamless alloy steel pipes, precision alloy seamless steel pipe, 40crmo alloy seamless steel pipe**



Product Description

Precision Seamless Alloy Steel Pipes, specifically grades 40CrMo, 42CrMo, and 42CrMo4:

Product Description: Precision Seamless Alloy Steel Pipes, available in grades 40CrMo, 42CrMo, and 42CrMo4, are engineered for high-strength and high-precision applications. These pipes are made from alloy steel that has been heat-treated to achieve a balance of hardness, ductility, and tensile strength. The seamless construction ensures uniformity and reliability, making these pipes suitable for critical applications where performance and safety are paramount.

Product Parameter Specifications:

Parameter	Specification	Units
Standard	EN 10297-1, DIN 2391, ASTM A519, GB/T 3639	-
Grade	40CrMo, 42CrMo, 42CrMo4	-
Outer Diameter	Ranges from 6mm to 300mm depending on the specific application	mm
Wall Thickness	Varies with diameter; specific range per product specification	mm
Length	Typically 3m to 12m, customizable based on requirements	m
Tolerance	Close tolerances on diameter, wall thickness, and length	-

Product Applications:

Automotive Industry: Used in the manufacturing of precision automotive components such as gears, shafts, and bearings.

Aerospace Sector: Suitable for the production of aircraft parts where high strength and precision are required.

Machinery and Equipment: Ideal for high-precision machinery parts and equipment that demand durability and reliability.

Oil and Gas Industry: Employed in the production of drill pipes and other components that operate under high pressure and stress.

Instrumentation: Utilized in the construction of precision instruments and control systems.

Types of Precision Seamless Alloy Steel Pipes:

40CrMo: A high-strength alloy steel with good hardenability, suitable for applications requiring high tensile and yield strength.

42CrMo: Offers improved toughness and wear resistance compared to 40CrMo, making it ideal for more demanding applications.

42CrMo4: A high-grade alloy steel with enhanced mechanical properties, often used in high-performance components.

Mechanical Properties:

Property	Typical Range/Value for Grades	Units
Tensile Strength	980-1180 MPa (40CrMo)	MPa
	1100-1300 MPa (42CrMo)	MPa
	1100-1300 MPa (42CrMo4)	MPa
Yield Strength	≥ 835 MPa (40CrMo)	MPa
	≥ 930 MPa (42CrMo)	MPa
	≥ 930 MPa (42CrMo4)	MPa
Elongation	≥ 10% (for all grades)	%

Chemical Composition:

Element	Typical Range (%) for Grades
Carbon (C)	0.37-0.44 (40CrMo)
	0.38-0.45 (42CrMo)
	0.38-0.45 (42CrMo4)
Manganese (Mn)	0.50-0.80 (all grades)
Silicon (Si)	≤ 0.40 (all grades)
Phosphorus (P)	≤ 0.035 (all grades)
Sulfur (S)	≤ 0.035 (all grades)

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PRODUCT DISPLAY





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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