



## Q345b Q345e Q345d Carbon Seamless Steel Pipe 0.04 Inch - 0.78 Inch Wall Thickness

### 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: q345d carbon seamless steel pipe, q345b carbon seamless steel pipe, q345b carbon steel pipe seamless



## Product Description

Q345B, Q345E, and Q345D Carbon Seamless Steel Pipes:

**Product Description:** Q345B, Q345E, and Q345D Carbon Seamless Steel Pipes are high-strength carbon steel tubes engineered for structural applications and high-pressure environments. These pipes are manufactured to strict quality control standards and are characterized by their seamless design, which provides superior pressure resistance and structural integrity. The 'Q345' designation indicates the minimum yield strength of 345 MPa, with the 'B', 'E', and 'D' signifying different levels of impact testing requirements and suitability for different service temperatures.

**Product Parameter Specifications:**

Parameter	Specification	Units
Standard	GB/T 8162, GB/T 8163, EN 10305, ASTM A106/A53, etc.	-
Grade	Q345B, Q345E, Q345D	-
Outer Diameter	Typically 20mm to 630mm, depending on the specific application	mm
Wall Thickness	Varies with diameter and pressure requirements	mm
Length	Standard lengths available; custom lengths upon request	m
Tolerance	As per relevant standards for diameter and wall thickness	-

**Product Applications:**

**Structural Applications:** Utilized as structural support in construction and engineering projects.

**Pressure Vessels:** Suitable for the construction of high-pressure vessels and boilers.

**Mechanical Equipment:** Employed in the manufacturing of heavy machinery and equipment.

**Oil and Gas Industry:** Used for transporting oil, natural gas, and petroleum products.

**Petrochemical Industry:** Ideal for applications involving high pressures and temperatures.

**Types of Q345 Carbon Seamless Steel Pipes:**

**Q345B:** Suitable for general low-temperature applications with a focus on structural integrity.

**Q345E:** Designed for low-temperature service with enhanced impact resistance.

**Q345D:** Offers improved performance at higher temperatures compared to Q345B.

**Mechanical Properties:**

Property	Typical Range/Value for Q345B, Q345E, Q345D	Units
Tensile Strength	470-630 MPa	MPa
Yield Strength	≥ 345 MPa	MPa
Elongation	≥ 21% (for diameters ≤ 40mm)	%
	≥ 20% (for diameters > 40mm)	%

**Chemical Composition:**

Element	Typical Range (%) for Q345 Grades
Carbon (C)	0.12-0.20
Manganese (Mn)	1.00-1.60
Silicon (Si)	≤ 0.50
Phosphorus (P)	≤ 0.035
Sulfur (S)	≤ 0.035

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# PRODUCT DISPLAY

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**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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