



## DIN 17175 16Mo3 Welded Alloy Seamless Pipe For Steam Pipes

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: DIN 17175 16Mo3
- 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: DIN 17175 16Mo3
- 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: **din alloy seamless pipe,  
din seamless alloy steel pipe,  
16mo3 alloy seamless pipe**



## Product Description

### DIN 17175 16Mo3 Welded Alloy Steel Pipe for Steam Pipes: Advanced Solutions for High-Pressure Steam Applications

**1. Product Description:** DIN 17175 16Mo3 Welded Alloy Steel Pipes are designed for high-pressure steam applications, offering a combination of strength, ductility, and resistance to high temperatures. These pipes are made from 16Mo3 alloy steel, which is known for its excellent creep resistance and good weldability. The welded construction allows for flexibility in manufacturing large diameter pipes and can be tailored to specific project requirements.

#### 2. Product Parameters:

Parameter	Description
Grade	DIN 17175 16Mo3
Material	Alloy Steel (Welded)
Standard	DIN 17175
Size Range	Various diameters and wall thicknesses as per DIN 17175
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)
Yield Strength	≥290 MPa (42,000 psi)
Elongation	≥20% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment

#### 4. Chemical Composition:

Element	Typical Range (%)
Carbon	0.10 - 0.18
Manganese	≤1.00
Phosphorus	≤0.025
Sulfur	≤0.025
Silicon	≤0.50
Chromium	≤0.50
Molybdenum	≤0.50

#### 5. Product Applications:

**Steam Pipes:** Used for transporting high-pressure steam in power plants and industrial processes.

**Boiler Systems:** Ideal for steam boiler systems where high-temperature and high-pressure steam is generated.

**Heat Exchangers:** Suitable for use in heat exchangers operating under high pressure and temperature.

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

**Gas and Oil Industry:** Employed in pipelines and equipment for oil and natural gas transport where high-temperature resistance is required.

#### 6. Product Advantages:

**Welded Construction:** Allows for manufacturing of large diameter pipes and complex shapes.

**High-Pressure Resistance:** Alloy steel provides excellent resistance to high pressures and temperatures.

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

**Weldability:** The 16Mo3 grade has good weldability, making it 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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