



DIN17175 13CrMo44 13CrMo4-5 10CrMo910 Carbon Steel Boiler Tubes / Seamless Cs Pipe

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: DIN17175 13CrMo44 13CrMo4-5 10CrMo910
- 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: High Pressure Boiler Steel Pipe
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: DIN17175 13CrMo44 13CrMo4-5 10CrMo910
- 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: 10crmo910 carbon steel boiler tubes, din17175 seamless cs pipe, din17175 carbon steel boiler tubes



Product Description

DIN 17175 13CrMo44, 13CrMo4-5, 10CrMo910 Seamless Steel Boiler Pipes/Tubes

1. Product Description: DIN 17175 13CrMo44, 13CrMo4-5, and 10CrMo910 Seamless Steel Boiler Pipes/Tubes are designed for high-pressure boiler systems and other demanding applications that require superior heat resistance and mechanical strength. These pipes and tubes are manufactured from alloy steel with varying chromium and molybdenum content, providing excellent corrosion resistance and strength at elevated temperatures.

2. Product Parameters:

Parameter	Description
Grades	DIN 17175 13CrMo44, 13CrMo4-5, 10CrMo910
Material	Alloy Steel (Seamless)
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	13CrMo44 Requirement	13CrMo4-5 Requirement	10CrMo910 Requirement
Tensile Strength	≥440 MPa (64,000 psi)	≥440 MPa (64,000 psi)	≥550 MPa (80,000 psi)
Yield Strength	≥290 MPa (42,000 psi)	≥290 MPa (42,000 psi)	≥400 MPa (58,000 psi)
Elongation	≥20%	≥20%	≥20%
Hardness	Varies depending on heat treatment	Varies depending on heat treatment	Varies depending on heat treatment

4. Chemical Composition:

Element	Typical Range (%) for 13CrMo44	Typical Range (%) for 13CrMo4-5	Typical Range (%) for 10CrMo910
Carbon	0.10 - 0.20	0.08 - 0.16	0.08 - 0.15
Chromium	0.40 - 0.70	0.40 - 0.70	8.00 - 10.00
Molybdenum	0.40 - 0.60	0.40 - 0.60	0.80 - 1.10
Phosphorus	≤ 0.025	≤ 0.025	≤ 0.025
Sulfur	≤ 0.025	≤ 0.025	≤ 0.025
Silicon	≤ 0.50	≤ 0.50	≤ 0.50

5. Product Uses:

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

Superheater and Reheater Tubes: Employed in superheater and reheater sections of steam power plants.

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

Pressure Vessels: Ideal for construction of high-pressure vessels and reactors in petrochemical and refining industries.

Product Image





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



Cangzhou Baoyang Pipeline Equipment Co., Ltd.



+8615131762322



BYpipe001@pipe-seamless.com



pipe-seamless.com

Room 512, Block B, Tiancheng Building, Yunhe District, Cangzhou City