



GB 5310 20G High Pressure Boiler Steel Pipe / Seamless Carbon Steel Tube

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GB 5310 20G
- 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 Steam Steel Boiler Pipes/Tubes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **20g high pressure boiler steel pipe, 20g seamless carbon steel tube, boiler seamless carbon steel tube**



Product Description

GB 5310 20G High Pressure Seamless Boiler Tubes / Pipes

GB 5310 20G High Pressure Seamless Boiler Tubes / Pipes are widely used in high-pressure boiler systems for the transportation of fluids at elevated temperatures and pressures. These seamless boiler tubes / pipes conform to the specifications outlined in the GB 5310 standard, ensuring their quality and performance in demanding boiler applications.

Application:

GB 5310 20G High Pressure Seamless Boiler Tubes / Pipes are primarily used in high-pressure boiler systems for the transportation of fluids at elevated temperatures and pressures. These tubes / pipes find application in various industries, including:

Power Generation: They are utilized in power plants for steam generation and the efficient transfer of heat from the burning fuel to the water or steam.

Petrochemical Industry: These tubes / pipes are used in petrochemical plants for high-pressure and high-temperature processes, including steam cracking and hydrogen production.

Refineries: They find application in refineries for the transportation of fluids in high-pressure boiler systems involved in crude oil distillation and product refining.

Chemical Compositions(%) of GB 5310-2008

Steel grade	C	Si	Mn	P	S	Cr	Mo	Cu	Ni	V
20G	0.17-0.24	0.17-0.37	0.35-0.65	≤0.030	≤0.030	≤0.25	≤0.15	≤0.20	≤0.25	≤0.08
20MnG	0.17-0.24	0.17-0.37	0.70-1.00	≤0.030	≤0.030	≤0.25	≤0.15	≤0.20	≤0.25	≤0.08
25MnG	0.18-0.24	0.17-0.37	0.80-1.10	≤0.030	≤0.030	≤0.25	≤0.15	≤0.20	≤0.25	≤0.08
15CrMo	0.12-0.18	0.17-0.37	0.40-0.70	≤0.030	≤0.030	0.80-1.10	0.40-0.55	≤0.20	≤0.30	
12Cr2MoG	0.08-0.15	≤0.50	0.40-0.70	≤0.030	≤0.030	2.00-2.50	0.90-1.20	≤0.20	≤0.30	
12Cr1MoV	0.08-0.15	0.17-0.37	0.40-0.70	≤0.030	≤0.030	0.90-1.20	0.25-0.35	≤0.20	≤0.30	0.15-0.30
12Cr2MoWVTiB	0.08-0.15	0.45-0.75	0.45-0.65	≤0.030	≤0.030	1.60-2.10	0.50-0.65	≤0.20	≤0.30	0.28-0.42
10Cr9Mo1VNb	0.08-0.12	0.20-0.50	0.30-0.60	≤0.020	≤0.010	8.00-9.50	0.85-1.05	≤0.20	≤0.40	0.18-0.25

Mechanical Properties of GB5310-2008:

Steel Grade	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
20G	410-550	245	24
20MnG	≥415	240	22
25MnG	≥485	275	20
15MoG	450-600	270	22
12CrMoG	410-560	205	21
12Cr2MoG	450-600	280	20
12Cr1MoVG	470-640	255	21
12Cr2MoWVTib	540-735	345	18
10Cr9Mo1VNb	≥585	≥415	≥20

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



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