



## ASTM A53 A106 X52 Api 5L Seamless Pipe Cold Drawn Seamless Carbon Steel Tube

Our Product Introduction

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### Basic Information



### Product Specification

- Name: Carbon Steel Seamless Pipe
- Technique: Cold Drawn
- Length: 1M, 4M, 6M, 8M, 12M Or Customized
- OD: 20MM-1219MM
- WT: 0.6MM-20MM
- Certification: API, CE, BV, SGS, ISO9001
- Grade: Q195/Q215/Q235/Q345/S235JR/GR.B-D/STK500
- Surface Treatment: Black Painted, Galvanized, Varnished
- Highlight: x 52 cold drawn mechanical tubing, cold drawn mechanical tubing x 52, mechanical tubing cold drawn x 52



### More Images



## Product Description

### API Certified ASTM A53 A106 Cold Drawn Seamless Carbon Steel Pipe

#### Features

**Material:** Carbon steel seamless pipes are primarily made from carbon steel, which is an alloy of iron and carbon. The carbon content provides enhanced strength and hardness, making it suitable for various applications.

**Seamless Construction:** Carbon steel seamless pipes are manufactured using a seamless process, resulting in a continuous and uniform structure without any welded joints. This construction eliminates the risk of weak points or potential leakage, ensuring a reliable and durable pipeline.

**High Strength:** Carbon steel provides excellent tensile strength and toughness, making seamless pipes capable of withstanding high-pressure applications. They can handle the demanding conditions of fluid transportation, including high temperatures and pressures, without deformation or failure.

**Corrosion Resistance:** While carbon steel is susceptible to corrosion, carbon steel seamless pipes can be coated or treated to enhance their corrosion resistance. Common protective coatings include zinc plating, epoxy coatings, or painting. Alloying elements such as chromium, molybdenum, or nickel can also be added to improve corrosion resistance.

**Versatility:** Carbon steel seamless pipes are versatile and can be used in various applications across industries. They are suitable for conveying fluids, such as oil, gas, water, and chemicals, as well as for structural purposes, including construction, infrastructure, and machinery.

#### Specifications

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| Product Name         | ASTM A53 A106 Cold Drawn Carbon Steel Seamless Pipe                                                              |
| (O.D) Outer Diameter | 20MM-1219MM                                                                                                      |
| (W.T)Wall thickness  | 0.6MM-20MM                                                                                                       |
| Length               | 1M, 4M, 6M, 8M, 12M (according to the buyer's request)                                                           |
| Ends                 | Plain, Beveled, Thread With Couplings Or Sockets;<br>Plastic Caps And Steel Rings Can Be Provided If Possible    |
| Standard             | GB/T3091-2001 , BS 1387-1985 , DIN EN10025 , EN10219 , JIS G3444:2004 , ASTM A53 SCH40/80/STD , BS- EN10255-2004 |
| Grade                | Q195/Q215/Q235/Q345/S235JR/GR.B-D/STK500                                                                         |
| Technique            | Cold Drawn                                                                                                       |
| Package              | Covered With Tarpaulin, Containers Or In Bulk                                                                    |
| Certification        | API, CE, BV, SGS, ISO9001                                                                                        |
| Delivery Time        | Stock or Usually within 10-45 days after receipt of advance payment                                              |

#### Applications

**Oil and Gas Industry:** Carbon steel seamless pipes are extensively used in the oil and gas industry for transporting oil, gas, and other fluids. They are utilized in drilling operations, pipelines, refineries, and petrochemical plants due to their strength, durability, and corrosion resistance.

**Construction and Infrastructure:** Carbon steel seamless pipes are widely employed in construction and infrastructure projects. They are used for plumbing systems, water supply networks, HVAC (heating, ventilation, and air conditioning) systems, and structural components such as columns, beams, and piling.

**Mechanical and Engineering Applications:** Carbon steel seamless pipes find application in various mechanical and engineering industries. They are used for manufacturing machinery, equipment, and components that require high strength and reliability, such as cylinders, shafts, bearings, and hydraulic systems.

**Power Generation:** Carbon steel seamless pipes are used in power plants for transporting steam and other fluids in high-temperature and high-pressure environments. They are employed in boilers, heat exchangers, and piping systems within power generation facilities.

**Automotive Industry:** Carbon steel seamless pipes are utilized in the automotive sector for manufacturing exhaust systems, chassis components, and structural parts. Their high strength and dimensional accuracy make them suitable for automotive applications.

**Infrastructure and Water Treatment:** Carbon steel seamless pipes are used in infrastructure projects like bridges, tunnels, and airports. They are also employed in water treatment plants for transporting water and other fluids.



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