100% Inspection Seamless Steel Pipe with Eddy Current Test and Hot Rolled Technique for Reliable Seamless Steel Tubing

Our Product Introduction

Basic Information

- Brand Name: Zhengshen
- Certification: ISO, GOST
- Minimum Order Quantity: 1ton
- Price: USD500-700
- Packaging Details: Bundle
- Delivery Time: UPTO THE QUANTITY
- Payment Terms: T/T,L/C
- Supply Ability: 10000TONS PER MONTH



Product Specification

- Port: Tianjin Or Qingdao
- Third Inspection: OMIC , SGS BV
- Sulfur Content: ≤0.025% (T11)
- Od Tolerance: ±0.4mm (10.29-48.3mm)
- Type: Seamless Round Steel Pipe
- Manufacturing Process: Hot Rolling, Cold Drawing, Extrusion
- Service: Cutting Any Length As Request
- Surface Treat: Bare, Oiled, Black Paintin
- Highlight: **100% Inspection Seamless Steel Pipe**, **Eddy Current Test Seamless Pipe**, **Hot Rolled Technique Seamless Steel Tubing**



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Our Product Introduction

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Product Description

Product Overview

Seamless steel pipe is a highly versatile and essential product widely used across various industries due to its superior mechanical properties and durability. Manufactured using advanced techniques such as hot rolled and cold drawn processes, seamless steel tubing offers exceptional strength, precision, and reliability. These manufacturing methods ensure that the pipe maintains a uniform thickness and smooth surface, making it ideal for demanding applications where structural integrity is paramount.

The seamless steel tubing is produced with an outer diameter tolerance of ±0.4mm for sizes ranging from 10.29mm to 48.3mm. This tight tolerance ensures precision fitting and consistency, which is critical for applications requiring exact dimensions and minimal deviation. The hot rolled manufacturing technique plays a significant role in achieving the desired mechanical properties and dimensional accuracy. Hot rolling involves shaping the steel at high temperatures, which enhances the material's toughness and ductility. Following hot rolling, cold drawing is often applied to further improve surface finish and dimensional precision, resulting in seamless steel tubing that meets stringent industry standards.

Quality control is a top priority in the production of seamless steel pipe. Every piece undergoes a rigorous 100% inspection process to verify its quality and conformity to specifications. This thorough inspection ensures that each pipe is free from defects such as cracks, irregularities, or inconsistencies in thickness. The stringent quality control measures guarantee that the seamless steel tubing delivered to customers meets the highest standards of performance and safety, making it suitable for critical applications in sectors like oil and gas, construction, automotive, and manufacturing.

Seamless steel tubing is known for its outstanding mechanical performance, including high tensile strength, excellent corrosion resistance, and superior fatigue endurance. These attributes make it an excellent choice for high-pressure environments and structural applications. Whether used in hydraulic systems, automotive components, or industrial machinery, seamless steel tubing delivers reliable performance under challenging conditions. Its seamless design eliminates welded joints, reducing the risk of failure and enhancing overall durability.

In summary, seamless steel pipe manufactured through hot rolled and cold drawn techniques offers a combination of precision, strength, and quality that makes it indispensable in numerous industrial applications. With an OD tolerance of ±0.4mm within the 10.29mm to 48.3mm range, comprehensive 100% inspection quality control, and multiple surface treatment options such as bare, oiled, and black painting, this product ensures optimal performance and longevity. By choosing seamless steel tubing, customers benefit from a product that consistently meets rigorous standards and delivers superior reliability for critical projects worldwide.

Key Features

- **Product Name:** Seamless Steel Pipe
- **Alloy:** Alloy
- **Type:** Seamless Round Steel Pipe
- **Quality Control:** 100% Inspection ensures the highest quality of seamless steel tubing
- **Manufacturing Process:** Hot Rolling, Cold Drawing, Extrusion for superior seamless steel tubing
- **Testing:** Hydrostatic Test, Ultrasonic Test, Eddy Current Test to guarantee durability of seamless steel tubing

Technical Parameters

Type	Seamless Round Steel Pipe
OD Tolerance	±0.4mm (10.29–48.3mm)
Testing	Hydrostatic Test, Ultrasonic Test, Eddy Current Test
Third-Party Inspection	OMIC, SGS, BV
Alloy	Alloy
Manufacture	Hot Rolled
Service	Cutting Any Length As Request
Technique	Hot Rolled, Cold Drawn
Quality Control	100% Inspection
Surface Treatment	Bare, Oiled, Black Painting

This seamless steel tubing is manufactured with strict quality control to ensure the highest standards. Our seamless steel tubing undergoes comprehensive testing including hydrostatic, ultrasonic, and eddy current tests, and third-party inspections by OMIC, SGS, and BV. The seamless steel tubing is available in alloy composition, hot rolled or cold drawn technique, and can be cut to any length as requested, with surface treatments such as bare, oiled, or black painting.

Applications

The Zhengshen seamless steel pipe, originating from China, is a versatile and high-quality product designed to meet the demanding needs of various industries. Manufactured through advanced processes such as hot rolling, cold drawing, and extrusion, this seamless steel tubing ensures exceptional strength and durability. The seamless nature of the tubing provides superior resistance to pressure and corrosion, making it ideal for critical applications in both industrial and commercial settings.

Seamless steel tubing by Zhengshen undergoes rigorous testing procedures, including hydrostatic tests, ultrasonic tests, and eddy current tests, to guarantee reliability and safety under extreme conditions. The surface of the tubing is available in multiple finishes, including bare, oiled, and black painting, allowing it to be customized to specific environmental and aesthetic requirements. This adaptability enhances its usability across a broad spectrum of occasions.

In construction and infrastructure projects, Zhengshen seamless steel pipe is extensively used for structural support, scaffolding, and pipelines due to its high tensile strength and excellent weldability. The product's low sulfur content (≤0.025% T11) ensures enhanced toughness and resistance to cracking, which is critical for buildings, bridges, and heavy machinery frameworks. Additionally, the seamless steel tubing is widely applied in the oil and gas industry for transporting fluids and gases under high pressure, where safety and durability cannot be compromised.

Overall, Zhengshen seamless steel pipe is trusted for its quality, adaptability, and strength across diverse application occasions and scenarios, making it an essential component in sectors requiring robust and reliable seamless steel tubing solutions.

Customization Services

At Zhengshen, we offer comprehensive product customization services for our seamless steel tubing to meet your specific requirements. Our seamless steel tubing is manufactured in China with strict quality control, ensuring 100% inspection for every piece. We utilize advanced techniques including hot rolled and cold drawn processes to produce seamless steel tubing with superior strength and precision.

Our seamless steel tubing undergoes rigorous testing such as hydrostatic testing, ultrasonic testing, and eddy current testing to guarantee reliability and performance. Surface treatments available for customization include bare, oiled, and black painting finishes, allowing you to select the best option for your application.

To ensure the highest standards, we also support third-party inspections by organizations like OMIC, SGS, and BV. Trust Zhengshen for customized seamless steel tubing solutions that combine quality, durability, and tailored specifications.

Support and Services

Our Seamless Steel Pipe product is backed by comprehensive technical support and services to ensure optimal performance and customer satisfaction. We offer expert consultation to help you select the right pipe specifications for your application, including size, grade, and tolerance requirements.

Our technical team provides detailed documentation, including material certifications, mechanical properties, and dimensional data, to assist in quality assurance and project planning.

We also offer customized solutions such as precision cutting, threading, and heat treatment services to meet specific project needs. Our quality control processes adhere to international standards to guarantee the reliability and durability of each pipe.

For installation and maintenance guidance, our support staff is available to provide technical advice and troubleshooting assistance to ensure seamless integration and long-term performance of the pipes.

Additionally, we conduct training sessions and workshops for customers to enhance their understanding of product handling, safety practices, and industry best practices.

Our commitment to after-sales service includes prompt response to inquiries, supply chain support, and continuous product improvement based on customer feedback.

Packing and Shipping

Our Seamless Steel Pipes are carefully packaged to ensure maximum protection during transportation. Each pipe is coated with a rust-preventive oil and wrapped in a protective plastic film to prevent corrosion and surface damage. The pipes are then bundled together using steel straps and secured on wooden pallets or in steel crates to maintain stability and ease of handling.

For shipping, we utilize reliable logistics partners to deliver the products safely to your destination. The packaging is designed to withstand rough

handling and various weather conditions, ensuring the pipes arrive in excellent condition. Custom packaging and labeling options are also available upon request to meet specific customer requirements.

Frequently Asked Questions

Q1: What is a seamless steel pipe?

> A1: A seamless steel pipe is a type of pipe manufactured without any welding or seams, providing superior strength and resistance to pressure. It is commonly used in various industrial applications.

Q2: What brand manufactures this seamless steel pipe?

> A2: The seamless steel pipe is manufactured by Zhengshen, a reputable brand known for high-quality steel products.

Q3: Where is the Zhengshen seamless steel pipe produced?

> A3: Zhengshen seamless steel pipes are produced in China, adhering to strict quality standards to ensure durability and performance.

Q4: What are the typical applications of Zhengshen seamless steel pipes?

> A4: Zhengshen seamless steel pipes are widely used in industries such as oil and gas, construction, automotive, and machinery manufacturing, due to their strength and reliability.

Q5: What materials are used to make Zhengshen seamless steel pipes?

> A5: Zhengshen seamless steel pipes are made from high-quality carbon steel or alloy steel, depending on the specific requirements of the application.

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