



DIN Standard Seamless Steel Pipe and Seamless Steel Tubing with Round Section Shape for Hydraulic Systems and Heavy Duty Applications

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

- Section Shape: Round
- Vanadium Content: 0.15-0.25%
- Color: Copper Color
- Tube Type: Seamless Steel Pipe
- Surface: Polished, Black Varnished Painting
- Purity: >99.99%
- Production Standards: ASTM/JIS/AISI/DIN/BS/En/GB
- Technology: Cold Rolled, hot Rolled
- Highlight: Round Section Seamless Steel Pipe, Hydraulic Systems Seamless Steel Tubing, Heavy Duty Seamless Steel Pipe



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Product Description

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The Seamless Steel Pipe is a high-quality seamless steel tubing product designed to meet the demanding requirements of various industrial applications. Renowned for its superior strength, durability, and corrosion resistance, this seamless steel tubing is an essential component in construction, manufacturing, and engineering projects where reliability and performance are critical. The seamless nature of the tubing ensures there are no welds or joints, providing enhanced structural integrity and the ability to withstand high pressure and extreme conditions.

One of the distinguishing features of this seamless steel pipe is its attractive copper color, which not only adds to its aesthetic appeal but also indicates the presence of specialized materials and treatments applied during manufacturing. This unique color characteristic helps in easy identification and differentiation from other types of steel pipes in inventory and on-site installations.

Vanadium content is a crucial factor in determining the mechanical properties of steel, and this seamless steel tubing contains vanadium in the range of 0.15–0.25%. The controlled addition of vanadium significantly improves the pipe's strength, toughness, and wear resistance. Vanadium acts as a grain refiner, enhancing the microstructure of the steel, which results in improved performance under stress and extended service life. This makes the seamless steel tubing particularly suitable for critical applications such as oil and gas pipelines, chemical processing plants, and high-pressure boilers.

Customization is another key attribute of this seamless steel pipe. Understanding that different projects and industries have varying requirements, the tubing is available in a wide range of sizes tailored to the specific needs of customers. Whether the application demands small-diameter tubes for precision engineering or large-diameter pipes for heavy industrial use, the seamless steel tubing can be manufactured to precise dimensions, ensuring optimal fit and functionality.

Manufactured using advanced metallurgical processes and stringent quality control measures, this seamless steel tubing guarantees consistent performance and reliability. The seamless production method eliminates the risk of weak points caused by welding seams, resulting in a uniform structure with excellent pressure resistance and mechanical strength. This makes the tubing ideal for transporting fluids and gases under high pressure, structural applications, and heat exchangers.

In summary, this seamless steel pipe offers a perfect combination of strength, durability, and versatility. Its copper color, optimized vanadium content, customizable sizing, and multiple grade options make it an exceptional choice for a wide range of industrial applications. Whether used in high-pressure pipelines, structural frameworks, or mechanical systems, the seamless steel tubing ensures long-lasting performance and safety. When selecting seamless steel tubing, this product stands out as a reliable and efficient solution that meets the highest standards of quality and performance.

Key Features

- Product Name: Seamless Steel Pipe
- Third Inspection: OMIC, SGS, BV certified
- Production Standards: ASTM, JIS, AISI, DIN, BS, EN, GB
- Section Shape: Round
- Purity: >99.99%
- High-quality seamless steel tubing ensuring durability and strength
- Manufactured to meet global standards for seamless steel tubing
- Reliable and precise seamless steel tubing suitable for various applications

Technical Parameters

Steel Thickness	0.2–100 mm
Standard	DIN
Purity	>99.99%
Production Standards	ASTM / JIS / AISI / DIN / BS / EN / GB
Color	Copper Color
Products	Seamless Steel Pipe
Size	Customized
Tube Type	Seamless Steel Pipe
Technology	Cold Rolled, Hot Rolled
Third Inspection	OMIC, SGS, BV

Applications

The Zhengshen seamless steel pipe, originating from China, is a high-quality product manufactured under stringent production standards including ASTM, JIS, AISI, DIN, BS, EN, and GB. With a purity level exceeding 99.99% and steel thickness ranging from 0.2 mm to 100 mm, this seamless steel tubing offers exceptional strength, durability, and corrosion resistance, making it an ideal choice for a wide variety of application occasions and scenarios.

Seamless steel tubing is widely used in the oil and gas industry for pipelines that require high pressure resistance and reliability. Due to its seamless construction, Zhengshen seamless steel pipe ensures no weak points, which is crucial in transporting fluids and gases safely over long distances. Additionally, its ability to withstand extreme temperatures and corrosive environments makes it suitable for offshore drilling platforms and refineries.

In the automotive sector, seamless steel tubing plays an essential role in manufacturing chassis, suspension systems, and engine components. Zhengshen's seamless steel pipe, with its precise thickness control and superior mechanical properties, enhances vehicle safety and performance. The seamless design also contributes to weight reduction, which is vital for fuel efficiency and emission control.

Construction and structural engineering projects benefit significantly from seamless steel tubing as well. The pipes are used in scaffolding, structural frameworks, and support columns where high strength and dimensional accuracy are required. Zhengshen seamless steel pipe's compliance with international standards ensures it meets the rigorous demands of modern architecture and infrastructure development.

Other notable application occasions include aerospace, shipbuilding, and medical equipment, where precision and reliability are paramount. Zhengshen seamless steel pipe's versatility and superior quality make it suitable for creating components that require stringent tolerances and high-performance materials.

In summary, Zhengshen seamless steel pipe offers unmatched performance across diverse industries and scenarios. Whether it is seamless steel tubing for high-pressure pipelines, automotive parts, structural supports, or industrial machinery, this product delivers consistent quality and reliability, making it a preferred choice worldwide.

Customization

Zhengshen offers premium Seamless Steel Tubing originating from China, crafted with precision to meet diverse industrial needs. Our Seamless Steel Tubing features a steel thickness range of 0.2–100 mm, ensuring versatility and strength for various applications.

Manufactured according to stringent production standards including ASTM, JIS, AISI, DIN, BS, EN, and GB, our Seamless Steel Tubing guarantees exceptional quality and reliability. The tubing is non-secondary, maintaining its original integrity throughout the manufacturing process.

With a Vanadium content of 0.15–0.25%, Zhengshen's Seamless Steel Tubing exhibits enhanced durability and performance. Trust Zhengshen for customized solutions in Seamless Steel Tubing designed to meet your exact specifications.

Support and Services

Our Seamless Steel Pipe product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. We provide detailed product specifications, material certifications, and compliance documentation to assist in your project planning and quality assurance processes. Our technical team is available to offer expert advice on installation, maintenance, and troubleshooting to maximize the lifespan and efficiency of the pipes. Additionally, we offer customized solutions tailored to meet specific industry requirements, including dimensional customization and special heat treatments. Regular training sessions and updated technical manuals are also provided to keep your team informed about the latest standards and best practices related to seamless steel pipes.

Packing and Shipping

Our Seamless Steel Pipes are carefully packaged to ensure maximum protection during transportation. Each pipe is coated with a protective oil to prevent rust and corrosion. The pipes are bundled together using sturdy steel straps and secured with wooden or steel support frames to avoid any movement or damage.

For shipping, the bundles are loaded onto containers or flatbed trucks with additional padding materials to minimize impact. We ensure that all pipes are handled with care during loading and unloading processes. Our packaging and shipping methods comply with international standards to guarantee that the Seamless Steel Pipes reach our customers in perfect condition.

Frequently Asked Questions

Q1: What is the brand name of the seamless steel pipe?

A1: The seamless steel pipe is manufactured under the brand name Zhengshen.

Q2: Where is the Zhengshen seamless steel pipe produced?

A2: The Zhengshen seamless steel pipe is produced in China.

Q3: What are the common applications of Zhengshen seamless steel pipes?

A3: Zhengshen seamless steel pipes are commonly used in construction, oil and gas transportation, machinery manufacturing, and automotive industries due to their strength and durability.

Q4: What materials are used in Zhengshen seamless steel pipes?

A4: Zhengshen seamless steel pipes are typically made from high-quality carbon steel or alloy steel, ensuring excellent mechanical properties and corrosion resistance.

Q5: What sizes and dimensions are available for Zhengshen seamless steel pipes?

A5: Zhengshen offers seamless steel pipes in a wide range of sizes and dimensions to meet various industrial requirements. Custom sizes can also be manufactured upon request.

Product Gallery













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