



High Strength Alloy Steel Hydraulic Steel Pipe with Wall Thickness 1mm to 10mm and Tensile Strength Above 700 MPa for 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
- Supply Ability: 10000TONS PER MONTH



Product Specification

- Surfacetreatment: Galvanized, Painted, Or Blackened
- Tensilestrength: ≥ 700 MPa
- End Finish: Plain Or Beveled
- Length: 6m Standard, Customizable
- Corrosionresistance: High
- Wall Thickness: Varies Depending On Size
- Productname: Hydraulic Steel Pipe
- Yieldstrength: ≥ 500 MPa
- Highlight: **High Strength Alloy Steel Hydraulic Steel Pipe, Wall Thickness 1mm to 10mm Hydraulic Steel Tube**
Tensile Strength Above 700 MPa High Pressure Steel Pipe



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Product Description

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The Hydraulic Steel Pipe is a high-quality product crafted from high-strength alloy steel, designed specifically to meet the demanding requirements of hydraulic systems. It is engineered to deliver exceptional durability, reliability, and performance under high-pressure conditions, making it an ideal choice for industrial and mechanical applications where hydraulic fluid conveyance is essential.

Constructed from premium high-strength alloy steel, the pipe offers superior resistance to wear, corrosion, and mechanical stress. This material choice ensures the pipe can withstand the intense pressures and harsh environments typically encountered in hydraulic systems. The robust nature of high-strength alloy steel contributes to a long service life, reducing the need for frequent replacements and maintenance.

One of the defining characteristics of the Hydraulic Steel Pipe is its adaptability in wall thickness. The wall thickness varies depending on the size of the pipe, allowing for customization based on specific hydraulic system requirements. This variability ensures optimal strength and flexibility, enabling the pipe to handle different pressure ratings and flow capacities effectively. Whether used in small-scale hydraulic equipment or large industrial machinery, the wall thickness is tailored to provide maximum efficiency and safety.

The pipe is designed with versatile connection options, featuring either threaded or flanged ends. These connection types facilitate easy installation and integration into existing hydraulic systems while ensuring leak-proof joints that withstand high pressure. Threaded ends provide a secure, tight fit for smaller-diameter pipes or systems requiring frequent disassembly, while flanged ends are preferred for larger pipes or applications needing robust, permanent connections. This flexibility makes the Hydraulic Steel Pipe a highly adaptable component suitable for a wide range of hydraulic applications.

In hydraulic systems, the pipe serves as the conduit for hydraulic fluid transmission. It must maintain integrity under extreme pressure to prevent leaks and failures that could lead to system downtime or damage. The high-pressure steel pipe construction ensures the system runs smoothly and safely, maintaining consistent fluid flow and pressure. This reliability is vital in industries such as construction, manufacturing, automotive, and aerospace, where hydraulic systems are integral to operational efficiency.

Key Features

- Product Name: Hydraulic Steel Pipe
- Tensile Strength: Varies depending on size
- Connection Type: Threaded or welded
- Connection Type: Threaded or flanged ends
- Usage: Hydraulic systems
- Seamless hydraulic pipe for reliable performance
- High-pressure steel pipe designed for durability
- Hydraulic steel tube suitable for various hydraulic applications

Technical Parameters

Product Name	Hydraulic Steel Pipe
Tensile Strength	≥ 700 MPa
Yield Strength	≥ 500 MPa
End Finish	Plain or beveled
Connection Type	Threaded or flanged ends
Corrosion Resistance	High
Length	6 m standard, customizable
Wall Thickness	Varies depending on size (1 mm to 10 mm)
Pressure Rating	High
Usage	Hydraulic systems

Applications

The Zhengshen Hydraulic Steel Pipe, originating from China, is an essential component widely used in various hydraulic systems. Designed with precision and manufactured to meet stringent quality standards, this product excels in applications requiring reliable and durable piping solutions. The hydraulic steel tube is available with threaded or flanged ends, allowing for versatile connection options tailored to specific system

requirements. Its seamless construction ensures a smooth internal surface, minimizing turbulence and enhancing fluid flow efficiency—critical in high-pressure environments.

One of the primary application areas for the Zhengshen Hydraulic Steel Pipe is industrial hydraulic machinery, where high-pressure steel pipe performance is paramount. These pipes are integral in transmitting hydraulic fluids under high pressure, making them suitable for heavy-duty equipment such as excavators, cranes, and manufacturing presses. The variability in wall thickness, ranging from 1 mm to 10 mm depending on size, provides flexibility to accommodate different pressure ratings and mechanical stresses, ensuring safety and longevity in operation.

In summary, the Zhengshen Hydraulic Steel Pipe is a versatile and reliable solution for various hydraulic system applications. Its seamless design, coupled with adaptable connection types and customizable wall thickness, makes it suitable for a broad spectrum of industries, including construction, agriculture, manufacturing, and automation. This product ensures optimal performance in high-pressure hydraulic environments, providing users with confidence in the durability and efficiency of their hydraulic systems.

Customization

Our Hydraulic Steel Pipe from Zhengshen, originating in China, offers exceptional customization services to meet your specific requirements. Designed for hydraulic systems, this hydraulic steel tube is available in a standard length of 6 meters, with options for customizable lengths to suit your project needs. The seamless hydraulic pipe features a wall thickness ranging from 1 mm to 10 mm, ensuring optimal performance under various conditions.

With high tensile strength that varies depending on size, our high-pressure steel pipe guarantees durability and reliability in demanding applications. Additionally, the pipes exhibit high corrosion resistance, making them ideal for long-term use in harsh environments. Trust Zhengshen's hydraulic steel tube customization services to provide you with tailored solutions that combine quality and performance.

Support and Services

Our Hydraulic Steel Pipe is designed to meet the highest standards of durability and performance in demanding hydraulic systems. For technical support, we provide comprehensive guidance on installation, maintenance, and troubleshooting to ensure optimal operation.

We offer detailed product specifications, compatibility information, and usage recommendations to help you select the right hydraulic steel pipe for your application. Our technical team is available to assist with any inquiries regarding pressure ratings, material properties, and compliance with industry standards.

In addition to support, we provide a range of services including custom sizing, cutting, and finishing to meet specific project requirements. Our quality assurance processes guarantee that each pipe meets stringent quality criteria before delivery.

For ongoing maintenance, we recommend regular inspection for signs of wear or corrosion and adherence to proper handling procedures to extend the service life of your hydraulic steel pipes. Trust our expertise and commitment to quality to support your hydraulic system needs effectively and efficiently.

Packing and Shipping

Our Hydraulic Steel Pipes are carefully packaged to ensure maximum protection during transportation. Each pipe is coated with a rust-resistant oil and wrapped with protective plastic film to prevent corrosion and surface damage. The pipes are then bundled securely with steel straps and placed on sturdy wooden pallets to maintain stability and ease of handling.

For shipping, we use reliable freight services that specialize in heavy and oversized cargo. The packages are loaded with care to avoid any impact or deformation during transit. We also provide customized packaging solutions upon request to meet specific customer requirements and ensure safe delivery to the destination.

Frequently Asked Questions

Q1: What is the brand name of the Hydraulic Steel Pipe?

A1: The Hydraulic Steel Pipe is manufactured under the brand name Zhengshen.

Q2: Where is the Hydraulic Steel Pipe produced?

A2: The Hydraulic Steel Pipe is produced in China.

Q3: What materials are used in the construction of Zhengshen Hydraulic Steel Pipes?

A3: Zhengshen Hydraulic Steel Pipes are made from high-quality steel that ensures durability and strength suitable for hydraulic applications.

Q4: What applications are suitable for Zhengshen Hydraulic Steel Pipes?

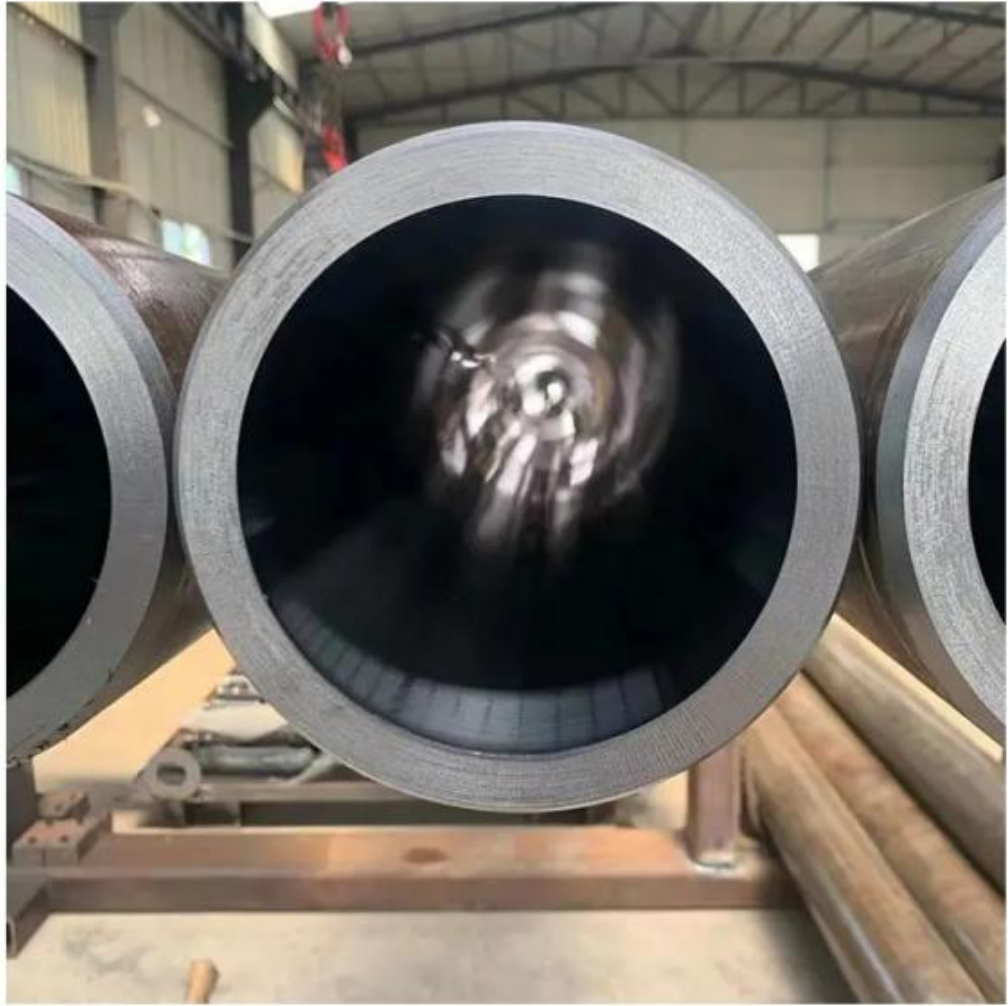
A4: These steel pipes are ideal for use in hydraulic systems, machinery, construction, and other industrial applications requiring high-pressure resistance.

Q5: Are Zhengshen Hydraulic Steel Pipes available in different sizes?

A5: Yes, Zhengshen Hydraulic Steel Pipes come in various sizes and specifications to meet different project requirements.













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