# High Pressure Hydraulic Steel Pipe and Hydraulic Steel Tube for High Stress Environments with Wall Thickness Varies Depending On Size

Our Product Introduction

## Basic Information

- Place of Origin: China
- 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

- Productname: Hydraulic Steel Pipe
- Connectiontype: Threaded Or Flanged Ends
- Tensilestrength: ≥ 700 MPa
- Connection Type: Threaded Or Welded
- Pressure Rating: High
- Material: High-strength Alloy Steel
- Tensile Strength: Varies Depending On Size
- Wallthickness: 1mm - 10mm
- Highlight: **High Pressure Hydraulic Steel Pipe**, **High Stress Environments Hydraulic Steel Tube**, **Wall Thickness Varies Hydraulic Steel Pipe**



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## *Product Description*

### Product Description

The Hydraulic Steel Pipe is a robust and reliable solution designed to meet the demanding requirements of high-pressure applications across various industries. Engineered with precision and crafted from premium-grade steel, this product offers exceptional performance, durability, and safety, making it an ideal choice for hydraulic systems and other high-pressure environments.

One of the key features of our Hydraulic Steel Pipe is its impressive tensile strength, guaranteed to be ≥ 700 MPa. This high tensile strength ensures that the pipe can withstand extreme mechanical stresses and pressures without compromising its structural integrity. The tensile strength varies depending on the size of the pipe, allowing for a versatile range of options tailored to specific operational needs. Whether for heavy-duty industrial use or specialized hydraulic systems, the pipe's strength provides peace of mind and long-lasting service life.

Designed to handle high pressure, this High Pressure Steel Pipe is engineered to meet stringent pressure ratings. Its high-pressure rating makes it suitable for applications where safety and reliability are paramount, including hydraulic machinery, fluid transportation, and industrial piping systems. The pipe's ability to endure high internal pressures without deformation or failure positions it as a preferred choice in sectors such as construction, manufacturing, oil and gas, and more.

The end finish of the Hydraulic Steel Tube is available in two options: plain or beveled. This flexibility in end finishing facilitates smooth integration and welding with other components in a piping system. A plain end finish offers a straightforward connection, while the beveled end finish is designed to provide a better welding surface, ensuring a secure and leak-proof joint. This adaptability in end finish enhances the pipe's usability in various installation scenarios and customization requirements.

Standard length for the Hydraulic Steel Pipe is 6 meters, providing an optimal balance between ease of handling and minimizing the number of joints required in a system. However, understanding that project specifications can vary, we offer customizable lengths to suit different installation demands. Whether longer or shorter pipes are needed, customization ensures the product fits precisely within the designed hydraulic system, reducing waste and improving efficiency.

The construction quality of the Hydraulic Steel Pipe is maintained through rigorous manufacturing processes and quality control measures. Each pipe undergoes stringent testing to verify its tensile strength, pressure rating, and dimensional accuracy. This commitment to quality guarantees consistent performance and reliability, critical factors in high-pressure steel pipe applications where failure is not an option.

In essence, this Hydraulic Steel Tube combines superior material strength, high-pressure resistance, and versatile design features to deliver a product that excels in demanding hydraulic and industrial environments. Its tensile strength of ≥ 700 MPa, coupled with customizable lengths and flexible end finishes, makes it a highly adaptable and resilient piping solution. Whether used as a high pressure steel pipe in hydraulic systems or as a critical component in industrial pipelines, this product stands out for its durability, safety, and performance.

### Key Features

- **Product Name:** Hydraulic Steel Pipe
- **Wall Thickness:** 1mm – 10mm
- **End Finish:** Plain or Beveled
- **Tensile Strength:** Varies depending on size
- **Minimum Tensile Strength:** ≥ 700 MPa
- **Type:** Seamless hydraulic pipe
- **Also known as:** Hydraulic steel tube

### Technical Parameters

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|---|---|
| **Material** | High-strength Alloy Steel |
| **Connection Type** | Threaded or Welded |
| **Connection Ends** | Threaded or Flanged Ends |
| **Wall Thickness** | 1mm – 10mm |
| **Yield Strength** | ≥ 500 MPa |
| **Length** | 6m Standard, Customizable |
| **Tensile Strength** | ≥ 700 MPa (Varies Depending On Size) |
| **End Finish** | Plain or Beveled |
| **Surface Treatment** | Galvanized, Painted, or Blackened |

## Applications

The Zhengshen Hydraulic Steel Pipe, originating from China, is a high-performance solution designed for demanding industrial applications. Manufactured from high-strength alloy steel with a yield strength of ≥ 500 MPa, this product guarantees exceptional durability and reliability under high stress conditions. Available in a standard length of 6 meters, the pipe length is customizable to meet specific project requirements, ensuring flexibility and convenience for diverse applications.

One of the primary application occasions for the Zhengshen Hydraulic Steel Pipe is in high-pressure hydraulic systems. As a seamless hydraulic pipe, it is expertly engineered to withstand extreme pressure without compromising integrity, making it ideal for use in hydraulic machinery, heavy equipment, and fluid power systems. Its seamless construction eliminates the risk of weld-related weaknesses, offering superior safety and performance in critical environments.

Beyond hydraulic systems, the seamless hydraulic pipe is frequently utilized in the oil and gas industry, where high pressure steel pipes are essential for transporting fluids and gases safely and efficiently. Its high corrosion resistance, achieved through advanced surface treatments such as galvanizing, painting, or blackening, ensures long-lasting protection against harsh environmental factors, including moisture, chemicals, and abrasion. This makes the pipe well-suited for outdoor installations and corrosive environments.

The versatility of the Zhengshen Hydraulic Steel Pipe extends to construction and infrastructure projects, where it serves as a reliable component in structural supports, scaffolding, and pressure vessels. Its robust material properties and customizable length allow engineers and builders to tailor solutions that meet stringent safety and performance standards. Additionally, its high corrosion resistance reduces maintenance costs and extends the service life of installations.

## Customization

Our Hydraulic Steel Pipe customization services by Zhengshen, a trusted brand from China, ensure that you receive the highest quality hydraulic steel tube tailored to your specific needs. We offer a range of surface treatments including galvanized, painted, or blackened finishes to enhance durability and corrosion resistance. With wall thickness options ranging from 1mm to 10mm, our high pressure steel pipe can withstand demanding applications while maintaining superior performance. Standard lengths are 6 meters, but we also provide customizable lengths to fit your project requirements. Choose Zhengshen for reliable, high corrosion resistance hydraulic steel tubes designed for optimal functionality.

## Support and Services

Our Hydraulic Steel Pipe product is backed by comprehensive technical support and services to ensure optimal performance and customer satisfaction. We provide detailed product documentation, including specifications, installation guidelines, and maintenance instructions to assist you at every stage.

Our technical support team is available to offer expert advice on product selection, system design, and troubleshooting. We also provide on-site inspection and testing services to guarantee the reliability and safety of your hydraulic systems.

Additionally, we offer customized solutions tailored to your specific operational requirements, including special coatings, dimensions, and pressure ratings. Our dedication to quality control means each pipe undergoes rigorous testing to meet international standards.

To support your ongoing needs, we supply replacement parts and maintenance kits, ensuring minimal downtime and extended service life of your hydraulic equipment. Partner with us for durable, high-performance hydraulic steel pipes and exceptional support services.

## Packing and Shipping

Our Hydraulic Steel Pipes are carefully packaged to ensure maximum protection during transportation. Each pipe is cleaned and coated with a rust-preventive oil before being securely bundled with steel straps. The bundles are then wrapped in plastic or secured with wooden crates to

prevent damage and corrosion.

For shipping, we use sturdy pallets or containers depending on the order size and destination. The packaging is designed to withstand rough handling and various weather conditions, ensuring that the Hydraulic Steel Pipes arrive at the customer's site in perfect condition.

We offer flexible shipping options including sea freight, air freight, and land transportation to meet your delivery requirements. All shipments are accompanied by detailed documentation, including packing lists and certificates of compliance, to facilitate smooth customs clearance.

Our commitment is to provide reliable packaging and shipping solutions that guarantee the safety and integrity of our Hydraulic Steel Pipes throughout the supply chain.

## 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 Zhengshen Hydraulic Steel Pipe?**

A3: Zhengshen Hydraulic Steel Pipes are made from high-quality steel to ensure durability and strength under high pressure conditions.

**Q4: What applications are suitable for the Zhengshen Hydraulic Steel Pipe?**

A4: These pipes are ideal for hydraulic systems in industrial machinery, construction equipment, and other applications requiring reliable fluid conveyance under pressure.

**Q5: How can I ensure the Hydraulic Steel Pipe fits my equipment?**

A5: Zhengshen offers Hydraulic Steel Pipes in various sizes and specifications. Please refer to the product dimensions and specifications to select the appropriate pipe for your equipment.

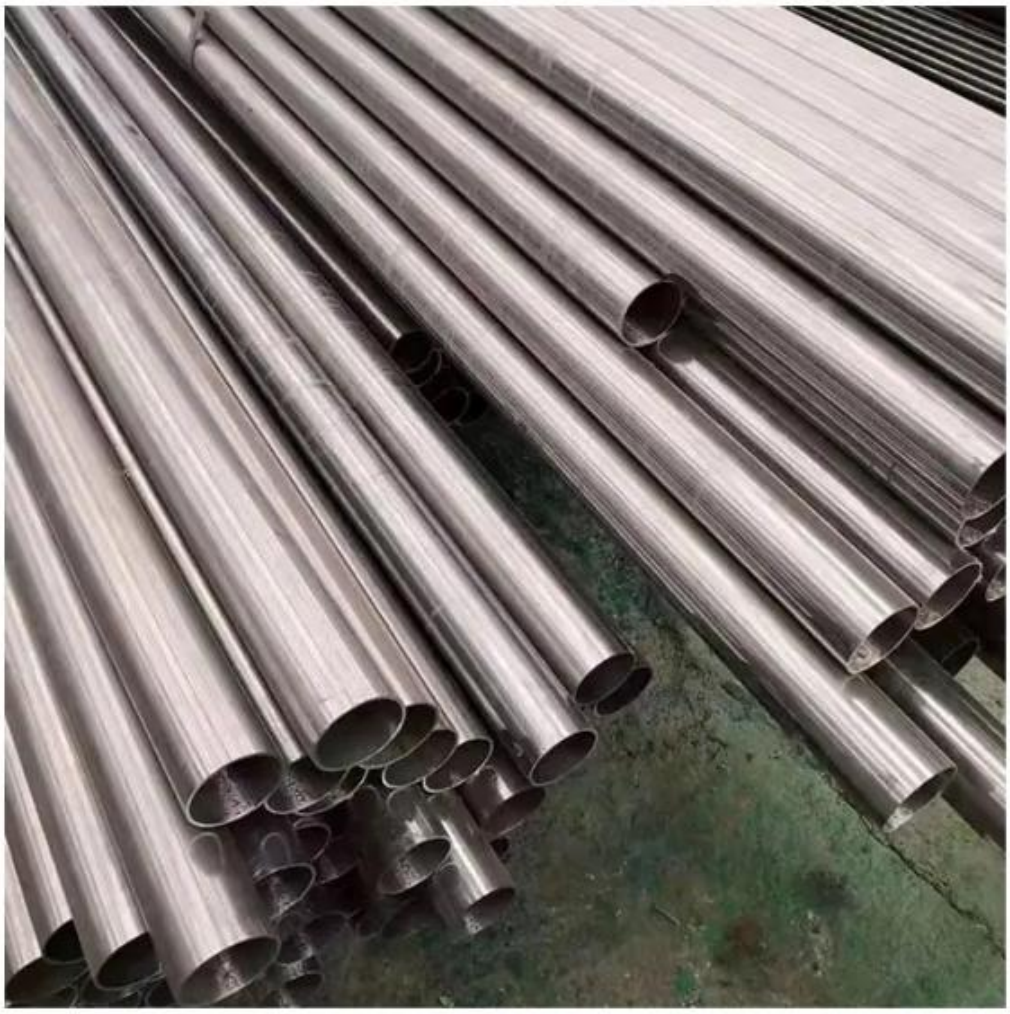
## Product Gallery













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