



Threaded Hydraulic Steel Pipe and Hydraulic Steel Tube with Plain or Beveled End Finish for High Corrosion Resistance

Our Product Introduction

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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

- Yieldstrength: ≥ 500 MPa
- Connection Type: Threaded Or Welded
- Tensile Strength: Varies Depending On Size
- Length: 6m Standard, Customizable
- Corrosionresistance: High
- Usage: Hydraulic Systems
- Wall Thickness: Varies Depending On Size
- Tensilestrength: ≥ 700 MPa
- Highlight: **Plain End Hydraulic Steel Pipe,
Threaded Hydraulic Steel Tube,
High Corrosion Resistance Hydraulic Pipe**



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Product Description

Product Description

The Hydraulic Steel Pipe is a premium-quality, high-pressure steel pipe engineered to meet the rigorous demands of hydraulic systems and industrial applications. Manufactured from high-strength alloy steel, this hydraulic steel tube delivers exceptional durability, reliability, and resistance to wear and corrosion, ensuring optimal performance under extreme conditions. Its robust construction and versatile features make it an ideal choice for a wide range of high-pressure applications.

A standout characteristic of this hydraulic steel pipe is its range of surface treatment options, which include galvanized, painted, and blackened

Our Product

finishes. The galvanized treatment provides excellent protection against rust and corrosion, making the pipe suitable for outdoor and harsh environmental conditions. The painted finish enhances aesthetic appeal while adding a layer of defense against environmental factors. The blackened treatment gives the pipe a sleek, dark appearance while improving resistance to oxidation and wear. These options allow customers to select the most appropriate finish for their specific application requirements and environmental conditions.

The wall thickness of the hydraulic steel tube ranges from 1mm to 10mm, offering a broad spectrum of options to accommodate different pressure ratings and structural needs. Thinner walls around 1mm suit lighter applications where weight savings are critical, while thicker 10mm walls provide enhanced strength and durability for the most demanding high-pressure scenarios. This flexibility in wall thickness ensures the hydraulic steel pipe can be custom-tailored to the exact specifications of various hydraulic systems and industrial setups.

Made from high-strength alloy steel, this hydraulic steel pipe delivers outstanding mechanical properties, including high tensile strength, excellent fatigue resistance, and superior impact toughness. The alloy steel enhances the pipe's ability to withstand high pressure and mechanical stress, making it a reliable component in hydraulic machinery, fluid power systems, and other heavy-duty industrial applications. The material's robustness also contributes to a longer service life, reducing maintenance costs and downtime for end-users.

In summary, the Hydraulic Steel Pipe is a highly reliable, versatile, and durable high-pressure steel pipe solution made from high-strength alloy steel. Its multiple surface treatment options—galvanized, painted, or blackened—combined with a wide range of wall thicknesses and flexible connection types, make it an excellent choice for demanding hydraulic and industrial applications. Whether used in hydraulic machinery, fluid transport, or other high-pressure systems, this hydraulic steel tube guarantees superior performance, safety, and longevity, meeting the stringent needs of modern engineering and manufacturing sectors.

Key Features

- Product Name: Hydraulic Steel Pipe
- Yield Strength: ≥ 500 MPa
- Tensile Strength: ≥ 700 MPa
- High corrosion resistance
- End finish: plain or beveled
- Suitable for use as a hydraulic steel tube
- Durable hydraulic steel tube designed for high-pressure applications
- Reliable hydraulic steel tube with excellent mechanical properties

Technical Parameters

Product Name	Hydraulic Steel Pipe
Length	6m Standard, Customizable
Usage	Hydraulic Systems
Corrosion Resistance	High
Surface Treatment	Galvanized, Painted, or Blackened
Yield Strength	≥ 500 MPa
End Finish	Plain or Beveled
Material	High-strength Alloy Steel
Tensile Strength	≥ 700 MPa
Connection Type	Threaded or Flanged Ends

Applications

The Hydraulic Steel Pipe manufactured by Zhengshen, originating from China, is a highly reliable and durable solution designed to meet the demanding requirements of various industrial applications. With a tensile strength of ≥ 700 MPa, this hydraulic steel tube ensures exceptional performance under high-pressure conditions, making it an ideal choice for critical hydraulic systems. Available in a standard length of 6 meters and customizable to meet specific project needs, the pipe offers great flexibility for diverse installation scenarios.

One of the primary application occasions for Zhengshen's Hydraulic Steel Pipe is in hydraulic machinery and equipment. Due to its seamless construction, the seamless hydraulic pipe provides superior resistance to pressure and mechanical stress, which is essential in hydraulic cylinders, pumps, and valves. These pipes are widely used in construction machinery, agricultural equipment, and industrial automation systems where high-pressure steel pipe performance is crucial.

Another common scenario where this product excels is in the oil and gas industry. The robust design and high tensile strength allow the hydraulic steel tube to withstand extreme pressures and harsh environmental conditions found in drilling rigs, pipelines, and refining equipment. The availability of threaded or flanged ends facilitates secure and leak-proof connections, which are critical for maintaining system integrity and safety.

Moreover, the product's customizable length ensures it can be tailored to specific layout requirements, reducing waste and installation time. Whether used in power plants, marine engineering, or hydraulic press systems, Zhengshen's seamless hydraulic pipe consistently delivers outstanding strength and reliability. This makes it a preferred choice for engineers and project managers seeking high-quality hydraulic steel pipes that combine performance, durability, and flexibility.

Customization Options

Our Hydraulic Steel Pipe, branded Zhengshen and originating from China, offers exceptional quality and customization options to meet your specific needs. We specialize in seamless hydraulic pipe solutions with wall thickness ranging from 1mm to 10mm, ensuring durability and strength for various applications. The hydraulic steel tube is available with threaded or flanged ends, providing flexible connection types for easy installation. Standard lengths are 6 meters, but we also offer customizable lengths to suit your project requirements. Additionally, surface treatment options include galvanized, painted, or blackened finishes to enhance corrosion resistance and appearance. Choose Zhengshen hydraulic steel tube for reliable performance and tailored solutions.

Support and Services

Our Hydraulic Steel Pipe product is supported by a dedicated technical support team that ensures optimal performance and reliability. We provide comprehensive services including installation guidance, maintenance advice, and troubleshooting assistance. Our experts are available to help you select the right pipe specifications for your hydraulic system requirements, ensuring compatibility and efficiency.

We offer detailed documentation and technical resources to assist with product integration and operation. Regular training sessions and workshops are also available to keep your technical staff updated on best practices and the latest advancements. Our goal is to maximize the lifespan and performance of your Hydraulic Steel Pipes through proactive support and expert service.

In addition, we provide customized solutions tailored to specific project needs and environmental conditions. Our service team can conduct on-site inspections and performance evaluations to identify potential issues and recommend preventive measures. Trust our professional support to help you achieve reliable and safe hydraulic system operations.

Packing and Shipping

Our Hydraulic Steel Pipes are carefully packaged to ensure maximum protection during transportation and handling. Each pipe is coated with a protective layer to prevent corrosion and wrapped with durable materials to avoid surface damage. The pipes are then securely bundled and strapped to maintain stability and prevent movement.

For shipping, we use sturdy wooden crates or metal frames depending on the order size and destination requirements. The packaging is designed to withstand rough handling and adverse weather conditions, ensuring the product arrives in perfect condition. We also provide customized packaging solutions upon request to meet specific client needs.

All shipments are thoroughly inspected before dispatch, and we offer reliable logistics services to guarantee timely delivery to your preferred location worldwide.

Frequently Asked Questions

Q1: What brand manufactures the Hydraulic Steel Pipe?

A1: The Hydraulic Steel Pipe is manufactured by Zhengshen, a reputable brand known for quality and durability.

Q2: Where is the Hydraulic Steel Pipe produced?

A2: The Hydraulic Steel Pipe is produced in China, ensuring high manufacturing standards and competitive pricing.

Q3: What are the common applications of Zhengshen Hydraulic Steel Pipes?

A3: These pipes are commonly used in hydraulic systems, machinery, construction, and other industrial applications requiring reliable fluid conveyance under high pressure.

Q4: What materials are used in the construction of Zhengshen Hydraulic Steel Pipes?

A4: The pipes are made from high-quality steel, which provides excellent strength, durability, and resistance to corrosion and wear.

Q5: Can Zhengshen Hydraulic Steel Pipes be customized in terms of size and length?

A5: Yes, Zhengshen offers customization options for hydraulic steel pipes to meet specific project requirements, including various diameters and lengths.

Product Gallery









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