



Industrial Hydraulic Steel Pipe Featuring Excellent Corrosion Resistance and Varying Tensile Strength Depending On Size for Performance

Our Product Introduction

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Basic Information

- Place of Origin: USD600-800
- Brand Name: Zhengshen
- Certification: ISO, CE, GOST
- Minimum Order Quantity: 1 Ton
- Price: USD500-700
- Packaging Details: Free Packing
- Delivery Time: 5-8 days
- Supply Ability: 20000Tons/month

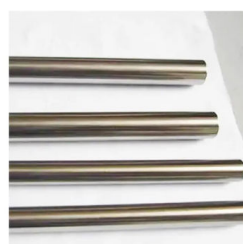


Product Specification

- Tensile Strength: Varies Depending On Size
- Usage: Hydraulic Systems
- Size: Customizable
- End Finish: Plain Or Beveled
- Connection Type: Threaded Or Welded
- Material: Steel
- Length: Customizable
- Surface Treatment: Honed
- Highlight: **Industrial Hydraulic Steel Pipe with corrosion resistance**
, Hydraulic Steel Pipe varying tensile strength,
Industrial Steel Pipe for performance



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Product Description:

The Hydraulic Steel Pipe is a specialized high pressure steel pipe designed to meet the rigorous demands of hydraulic systems across various industries. Engineered to provide exceptional strength, durability, and reliability, this hydraulic steel tube is an essential component for applications requiring the transmission of hydraulic fluid under high pressure. Its robust construction and precise manufacturing processes ensure optimal performance, making it a preferred choice for engineers and technicians working with hydraulic machinery and equipment.

One of the defining features of this hydraulic steel tube is its connection versatility. It is available with either threaded or welded connection types, allowing for flexible installation options depending on the requirements of the hydraulic system. Threaded connections offer ease of assembly and disassembly, making maintenance straightforward, while welded connections provide a secure and leak-proof joint ideal for permanent installations. This adaptability ensures that the hydraulic steel pipe can be seamlessly integrated into a wide range of hydraulic circuits and machinery setups.

Surface treatment is another important aspect of this high pressure steel pipe. The hydraulic steel tube is honed to achieve a smooth and precise inner surface finish. Honing not only enhances the flow characteristics by reducing friction and turbulence within the pipe but also helps to prevent wear and tear caused by abrasive hydraulic fluids or contaminants. A honed surface contributes to the overall longevity of the hydraulic steel tube and improves system efficiency by ensuring consistent fluid flow and pressure maintenance.

Usage of the hydraulic steel tube spans a broad spectrum of hydraulic systems, including industrial machinery, automotive hydraulics, aerospace equipment, and heavy construction machinery. Wherever hydraulic power is needed to control movement, force, or pressure, this high pressure steel pipe serves as a reliable conduit for hydraulic fluid, ensuring optimal transmission of energy. Its strength, durability, and adaptability to different connection types and sizes make it indispensable in maintaining the safety and performance of hydraulic circuits.

In summary, the Hydraulic Steel Pipe is a high-quality, precision-engineered product that excels in high pressure hydraulic applications. Its availability in both threaded and welded connection types, variable wall thickness, and tensile strength tailored to size, combined with a honed surface finish, makes it a superior choice for hydraulic systems requiring dependable and efficient fluid transmission. This hydraulic steel tube embodies the perfect balance of strength, versatility, and durability, ensuring that hydraulic systems operate smoothly and safely under the most challenging conditions.

Features:

- Product Name: Hydraulic Steel Pipe
- Material: High-quality Steel
- Corrosion Resistance: Excellent, ensuring long-lasting durability
- Pressure Rating: High, suitable for demanding hydraulic applications
- Application: Industrial use, ideal for various hydraulic systems
- Length: Customizable to meet specific project requirements
- Type: Seamless hydraulic pipe, providing superior strength and reliability
- Also known as Hydraulic steel tube, designed for optimal performance

Technical Parameters:

| | |
|----------------------|--------------------------|
| End Finish | Plain Or Beveled |
| Wall Thickness | Varies Depending On Size |
| Tensile Strength | Varies Depending On Size |
| Material | Steel |
| Size | Customizable |
| Corrosion Resistance | Excellent |
| Pressure Rating | High |
| Connection Type | Threaded Or Welded |
| Length | Customizable |
| Surface Treatment | Honed |

Applications:

The Zhengshen Hydraulic Steel Pipe is a high-quality product designed for a wide range of industrial applications. Manufactured with premium steel material and treated with a honed surface finish, this high pressure steel pipe ensures exceptional durability and resistance against wear and corrosion. Its robust construction and reliable performance make it an ideal choice for various hydraulic systems requiring efficient fluid transfer under high pressure conditions.

One of the primary application occasions for the Zhengshen Hydraulic Steel Tube is in heavy machinery and industrial equipment. These pipes are extensively used in manufacturing plants, construction sites, and mining operations where hydraulic systems play a crucial role in powering machinery. Whether it is for excavators, cranes, or presses, the high pressure steel pipe provides the necessary strength and reliability to withstand demanding operational environments.

In addition, the hydraulic steel tube is commonly utilized in oil and gas industries. Its high-pressure resistance and ability to handle

extreme conditions make it suitable for transporting hydraulic fluids in drilling rigs and refineries. The plain or beveled end finish options offer versatility in connection methods, allowing the pipes to be either threaded or welded according to specific project requirements. This flexibility facilitates easy installation and maintenance in complex pipeline systems.

Another important application scenario includes agricultural machinery, where the Zhengshen high pressure steel pipe supports hydraulic functions such as lifting, steering, and braking. Its honed surface treatment reduces friction and enhances fluid flow efficiency, contributing to the overall performance and longevity of the hydraulic system.

Furthermore, the hydraulic steel pipe finds extensive use in the automotive industry, particularly in hydraulic braking and suspension systems. The combination of high-strength steel material and advanced surface treatment ensures safety and reliability under high-pressure conditions, making it a preferred option for vehicle manufacturers and maintenance service providers.

The Zhengshen brand, known for its commitment to quality and innovation, provides hydraulic steel tubes within the USD600-800 price range, offering excellent value for industrial users seeking durable, high-performance piping solutions. With options for plain or beveled ends and threaded or welded connections, this product adapts well to diverse industrial settings, ensuring seamless integration into existing hydraulic infrastructures.

In summary, the Zhengshen Hydraulic Steel Pipe is a versatile and dependable solution for numerous industrial applications. Its high pressure steel pipe characteristics, combined with premium steel material, honed surface treatment, and flexible connection types, make it an essential component for hydraulic systems in heavy machinery, oil and gas, agriculture, and automotive industries. The product's adaptability and strength ensure optimal performance and safety across various demanding scenarios.

Customization:

Our Hydraulic Steel Pipe, branded Zhengshen, is designed to meet the highest standards required for high pressure steel pipe applications. Originating from a trusted source with a price range of USD600-800, this seamless hydraulic pipe is crafted from premium steel material to ensure durability and reliability in demanding hydraulic systems.

The hydraulic steel tube is available with customizable lengths to suit various project requirements, and offers flexible connection types including threaded or welded options for ease of installation. Ideal for use in hydraulic systems, this product guarantees excellent performance under high pressure conditions, making it a preferred choice for industrial applications.

Choose Zhengshen hydraulic steel pipes for superior quality, customizable specifications, and robust performance in all your hydraulic system needs.

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 help you achieve the best results.

Our experienced technical support team is available to assist with any inquiries related to product selection, application, and troubleshooting. We offer expert advice on hydraulic system design and compatibility to maximize efficiency and safety.

Additionally, we provide custom fabrication services to meet specific project requirements, including cutting, threading, and bending of pipes. Quality assurance is a top priority, and all products undergo rigorous testing to comply with industry standards.

For ongoing support, we offer training sessions and workshops to educate customers on proper handling, installation, and maintenance practices. Our commitment is to deliver reliable hydraulic steel pipe solutions coupled with exceptional service throughout the product lifecycle.

Packing and Shipping:

Our Hydraulic Steel Pipes are carefully packaged to ensure maximum protection during transportation. Each pipe is coated with a rust-preventive oil and wrapped in plastic to prevent moisture and corrosion. The pipes are then bundled securely with steel straps and placed on sturdy wooden pallets to prevent movement and damage.

For shipping, we utilize reliable carriers and ensure that the packaging complies with international shipping standards. Whether shipped by sea, air, or land, the pipes are handled with care to maintain their quality and integrity until they reach the customer's destination.

FAQ:

Q1: What brand manufactures this hydraulic steel pipe?

A1: This 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 USD600-800, which ensures high standards in manufacturing and material sourcing.

Q3: What are the typical applications of Zhengshen hydraulic steel pipes?

A3: Zhengshen hydraulic steel pipes are commonly used in hydraulic systems for machinery, construction equipment, and industrial applications requiring high pressure resistance.

Q4: What materials are used in the construction of Zhengshen hydraulic steel pipes?

A4: These pipes are made from high-quality steel, designed to withstand high pressure and provide excellent durability and corrosion resistance.

Q5: How do I choose the right size of hydraulic steel pipe for my project?

A5: To select the appropriate size, consider the required pressure rating, diameter, and length needed for your hydraulic system. Zhengshen offers various sizes to meet different specifications.







Chongqing Zhengshen Stainless Steel Products Co.,Ltd.

+86 189 9647 2857

czhengshen@hotmail.com

ninesteels.com

