CPD Certified Automotive Precision Steel Pipe and Cold Drawn Precision Steel Tube for Mechanical Applications

Our Product Introduction

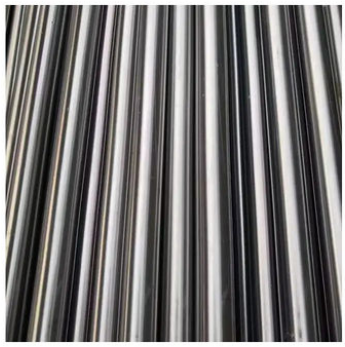
Basic Information

- 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

- Custom Made: Yes
- Applications: Automotive, Machinery, Hydraulic Systems, Construction
- Craft: Cold Rolled, Cold Drawn, Finish Rolled
- Certificates: API 5L, CE, CPD, PED, ISO
- Production Capacity: 5000ton/Month
- Processing: Cutting
- Production Standards: ASTM/ JIS/ AISI/ DIN/ BS/ En/ GB
- Wallthicknessrange: 0.5mm To 20mm
- Highlight: **CPD Certified Precision Steel Pipe**, **Automotive Precision Steel Tube**, **Cold Drawn Precision Steel Pipe**



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Product Description

Product Overview

The Precision Steel Pipe, model number ZD-PREPIPE135, represents a pinnacle of engineering excellence in the field of metal tubing. Designed to meet the exacting demands of various industrial applications, this product is crafted to provide superior performance, durability, and precision. Manufactured under stringent production standards including ASTM, JIS, AISI, DIN, BS, EN, and GB, the Precision Steel Pipe ensures compliance with international quality benchmarks, making it a reliable choice for engineers and fabricators worldwide.

One of the defining features of this Precision Steel Pipe is its impressive wall thickness range, spanning from 0.5mm to 20mm. This extensive range allows for versatile applications, whether for lightweight structural components or heavy-duty industrial uses. The ability to select the appropriate wall thickness ensures that the pipe can be tailored to specific requirements, enhancing both strength and efficiency.

The production process of the Precision Steel Pipe involves advanced crafting techniques such as cold rolling, cold drawing, and finish rolling. These methods contribute to the pipe's exceptional dimensional accuracy and surface finish. Cold rolling and cold drawing not only improve the mechanical properties of the steel but also achieve tighter tolerances and a smoother exterior, which are critical factors in applications where precision and aesthetics are paramount. Finish rolling further refines the pipe's surface, providing a flawless finish that meets the highest standards.

In addition to its outstanding manufacturing process, the Precision Steel Pipe undergoes precise cutting operations to ensure that the final product meets exact length and shape specifications. This cutting process is essential for facilitating easy integration into various assemblies and systems, reducing the need for additional machining or modification.

The product is widely recognized in the industry as Precision Steel Tubing, a term that highlights its specialized nature in providing accurate dimensions and superior quality. This tubing is indispensable in sectors such as automotive, aerospace, machinery, and construction, where precision and reliability are non-negotiable. Its use as Precision Steel Cylinder Pipe underlines its capability to serve as a critical component in hydraulic cylinders, pneumatic systems, and other cylindrical applications requiring high strength and precision.

Moreover, the Precision Steel Pipe is available in seamless variants, known as Precision Seamless Steel Pipe, which further enhance its structural integrity by eliminating weld seams. Seamless construction ensures uniformity and reduces the risk of failure under high pressure or stress, making it ideal for demanding environments such as oil and gas pipelines, chemical processing, and power generation.

Key Features

- Product Name: Precision Steel Pipe
- Model No: ZD-PREPIPE135
- Processing: Cutting
- Package: Standard Export Package
- Transport Package: Export Standard Package / as Request
- Applications: Automotive, Machinery, Hydraulic Systems, Construction
- High-quality Precision Steel Tube for various industrial uses
- Durable Precision Steel Cylinder Pipe ensuring reliable performance
- Manufactured as High Precision Steel Pipe to meet strict dimensional tolerances

Technical Parameters

Production Standards	ASTM / JIS / AISI / DIN / BS / EN / GB
Transport Package	Export Standard Package / as Request
Processing	Cutting
Certificates	API 5L, CE, CPD, PED, ISO
Custom Made	Yes
Origin	Jiangsu
Wall Thickness Range	0.5mm to 20mm
Materials	Carbon Steel
Applications	Automotive, Machinery, Hydraulic Systems, Construction
Production Capacity	5000 ton / Month

Applications

The Zhengshen Precision Steel Pipe, originating from China, is a high-quality product designed to meet the demanding requirements of various industrial applications. Manufactured using advanced processing techniques such as cutting, cold rolling, cold drawing, and finish rolling, this precision seamless pipe ensures exceptional dimensional accuracy and superior surface finish. Certified with internationally recognized standards like API 5L, CE, CPD, PED, and ISO, the Zhengshen Precision Steel Tube guarantees reliability and performance in critical environments.

In the automotive industry, the Zhengshen Precision Seamless Pipe is widely used for manufacturing components that require high strength and precision, such as hydraulic cylinders, fuel injection systems, and structural parts. Its excellent mechanical properties and resistance to wear make it ideal for vehicles, ensuring safety and longevity. Moreover, the precision seamless pipe's consistent quality allows for seamless integration into complex automotive assemblies.

Machinery manufacturing is another significant application area for the Zhengshen Precision Steel Tube. It serves as a fundamental material for producing machine parts that demand tight tolerances and durability, including shafts, axles, and hydraulic system components. The cold drawn and finish rolled processes enhance the pipe's mechanical characteristics, making it suitable for heavy-duty machinery used in various industries.

Hydraulic systems benefit greatly from the use of Zhengshen's precision seamless pipe due to its high pressure resistance and dimensional stability. These pipes are custom made to meet specific requirements, ensuring optimal performance in hydraulic cylinders, pumps, and valves. Their seamless construction eliminates weak points, reducing the risk of leaks and failures in high-pressure applications.

Overall, the Zhengshen Precision Steel Pipe is a versatile and reliable solution for industries that demand precision, strength, and quality. Its comprehensive certification, advanced crafting techniques, and customizable options make it a preferred material for automotive, machinery, hydraulic systems, and construction applications worldwide.

Customization

Zhengshen offers high-quality High Precision Steel Pipe products, expertly manufactured in China to meet international production standards including ASTM, JIS, AISI, DIN, BS, EN, and GB. Our Precision Seamless Pipe is crafted using advanced cold rolled, cold drawn, and finish rolled techniques to ensure superior strength and dimensional accuracy.

We provide custom-made Precision Steel Tubing solutions tailored to your specific requirements, accommodating various grades such as 200, 300, and 400 series. Each product is carefully packaged using export standard packages or as per your request to ensure safe transportation and delivery.

Choose Zhengshen for reliable, precise, and customizable steel pipe products that meet the highest industry standards and your unique project needs.

Support and Services

Our Precision 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 utilize our steel pipes effectively.

Our team of experienced engineers is available to offer technical assistance and consultation for your specific application needs. We also provide customized solutions to meet unique project requirements, ensuring that our precision steel pipes deliver maximum efficiency and durability.

In addition, we offer quality assurance services including rigorous testing and inspection processes to guarantee that every pipe meets industry standards and customer expectations. Our after-sales support includes troubleshooting and repair guidance to maintain the long-term reliability of your steel piping systems.

Partner with us for reliable, high-quality precision steel pipes and dedicated technical support tailored to your business needs.

Packing and Shipping

Our Precision Steel Pipes are carefully packaged to ensure maximum protection during transit. Each pipe is individually wrapped with protective materials to prevent scratches and damage. Pipes are then bundled securely and placed on sturdy pallets or in custom crates, depending on the size and quantity of the order.

For shipping, we use reliable logistics partners to guarantee timely and safe delivery to your specified destination. All shipments are tracked, and appropriate documentation is provided to facilitate smooth customs clearance and handling. We prioritize safe packaging and efficient shipping to maintain the high quality and precision of our steel pipes upon arrival.

Frequently Asked Questions

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

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

Q2: Where is the Precision Steel Pipe produced?

A2: The Precision Steel Pipe is produced in China.

Q3: What materials are used in the Zhengshen Precision Steel Pipe?

A3: Zhengshen Precision Steel Pipes are typically made from high-quality carbon steel or alloy steel to ensure strength and durability.

Q4: What are the common applications of Zhengshen Precision Steel Pipes?

A4: These steel pipes are commonly used in machinery, automotive components, hydraulic systems, and structural applications requiring high precision and strength.

Q5: How does Zhengshen ensure the quality of its Precision Steel Pipes?

A5: Zhengshen employs strict quality control measures and advanced manufacturing technologies to maintain high standards in the precision, dimensions, and surface finish of its steel pipes.

Product Gallery













Images are for reference only; actual product appearance may vary based on specifications and customization.

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