



DIN 2440 Standard Precision Steel Pipe Customized Length with Plastic Pipe Cap and Iron Protector End Protection Options

Our Product Introduction

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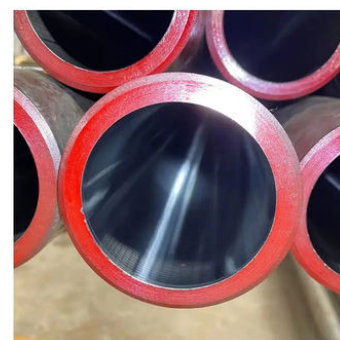
Basic Information

- 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

- Thickness: Customization
- Type: Seamless
- End Protector: Plastic Pipe Cap/Iron Protector
- Out Diameter: 10-500mm
- Standard: ASTM A53, ASTM A106, API 5L, DIN 2440, DIN 2448
- Material: Carbon Steel
- Payment Term: T/T; L/C;
- Origin: Shandong
- Highlight: **DIN 2440 precision steel pipe with plastic cap, custom length precision steel pipe with iron protector**
,
standard precision steel pipe end protection options



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Product Description

Product Description:

The Precision Steel Pipe is a high-quality product originating from Shandong, a region renowned for its advanced steel manufacturing capabilities and strict quality control standards. This pipe is meticulously engineered to meet various international production standards including ASTM, JIS, AISI, DIN, BS, EN, and GB, ensuring it complies with the highest industry requirements and can be reliably used in diverse applications across the globe.

Manufactured primarily from carbon steel, the Precision Steel Pipe offers exceptional strength, durability, and resistance to wear and corrosion. Carbon steel is widely favored in industrial applications due to its outstanding mechanical properties and adaptability, making this pipe suitable for demanding environments where performance and reliability are critical. The use of carbon steel also allows for excellent weldability and machinability, further enhancing the pipe's versatility in fabrication and installation processes.

One of the defining characteristics of this product is its round section shape, which provides uniform strength distribution and optimal flow dynamics for various fluids and gases. The round section design is essential in many engineering applications, as it minimizes stress concentrations and ensures consistent performance under pressure. This makes the Precision Steel Round Pipe an ideal choice for pipelines, mechanical components, structural frameworks, and precision machinery parts.

Customization is a key feature of the Precision Steel Pipe, especially regarding thickness. Customers can specify the thickness requirements to perfectly match their project needs, allowing for tailored solutions that optimize material usage and cost efficiency.

Whether a thin-walled pipe is needed for lightweight applications or a thicker wall is required to withstand high pressure, this product can be custom fabricated to meet those specific demands without compromising quality or integrity.

The Precision Steel Cylinder Pipe variant is particularly notable for its precise dimensional accuracy and smooth surface finish. These attributes are essential in applications where tight tolerances and exact fitting are mandatory, such as hydraulic cylinders, pneumatic systems, and precision machinery components. The superior manufacturing process and stringent quality inspections ensure that every Precision Steel Cylinder Pipe delivers consistent performance, reducing the risk of failure and maintenance costs.

In addition to its mechanical and physical properties, this Precision Steel Pipe is also valued for its versatility across a wide range of industries. It is extensively used in automotive manufacturing, construction, energy production, aerospace, and heavy machinery sectors. Its compliance with multiple international standards makes it a globally accepted product, facilitating easier integration into international projects and supply chains.

Features:

Product Name: Precision Steel Pipe

Length: Customized according to requirements

Thickness: Customizable to meet specific needs

Steel Grade: Available in Carbon Steel and Stainless Steel

Origin: Shandong, China

Section Shape: Round

Also known as Precision Steel Tube and Precision Steel Cylinder Pipe

Manufactured as a High Precision Steel Pipe ensuring excellent dimensional accuracy

Technical Parameters:

End Protector	Plastic Pipe Cap / Iron Protector
Thickness	Customization
Length	Customized
Standard	ASTM A53, ASTM A106, API 5L, DIN 2440, DIN 2448
Payment Term	T/T; L/C;
Steel Grade	Carbon Steel, Stainless Steel
Origin	Shandong
Material	Carbon Steel
Type	Seamless
Out Diameter	10-500mm

Applications:

The Precision Steel Pipe from Zhengshen, originating from Shandong, is a versatile and reliable product designed to meet the highest standards in various industries. With an outer diameter range of 10-500mm and manufactured using premium carbon steel, this High Precision Steel Pipe ensures exceptional strength and durability. The product adheres to internationally recognized production standards such as ASTM, JIS, AISI, DIN, BS, EN, and GB, making it suitable for both domestic and global applications.

One of the primary application occasions for the Precision Steel Cylinder Pipe is in the manufacturing of hydraulic systems and pneumatic cylinders. Due to its precise dimensions and smooth surface finish, the Precision Steel Cylinder Pipe is ideal for use in high-pressure environments where accuracy and reliability are critical. The plastic pipe cap or iron protector used as end protection further ensures that

the pipe maintains its integrity during transportation and installation, preventing any damage to the pipe ends. In addition to hydraulic and pneumatic systems, the High Precision Steel Pipe is widely used in the automotive and machinery industries. It serves as a fundamental component in the production of shafts, bearings, and other mechanical parts that require exact tolerances and consistent quality. The precision and strength of the Zhengshen Precision Steel Cylinder Pipe allow manufacturers to produce components that enhance performance and extend the lifespan of machinery. Another significant application scenario for the Precision Steel Pipe is in construction and infrastructure projects. Due to its high strength and compliance with rigorous standards, it is often used in frameworks, scaffolding, and structural reinforcements. This ensures safety and stability in buildings, bridges, and other civil engineering projects. The availability of various outer diameters allows engineers to select the most appropriate size for their specific design requirements. Furthermore, the Zhengshen Precision Steel Cylinder Pipe is suitable for manufacturing industrial equipment and tools that demand high precision and durability. Its consistent quality and compliance with international standards make it a preferred choice for companies aiming to deliver superior products. Overall, the Precision Steel Pipe by Zhengshen, with a price range of USD600-800, offers excellent value by combining high quality, precision, and versatility across numerous application occasions and scenarios.

Customization:

Our Precision Steel Pipe customization services offer high-quality Precision Seamless Pipes manufactured by the trusted brand Zhengshen. Originating from Shandong, these Precision Seamless Pipes are made from premium Carbon Steel, ensuring superior strength and durability. We provide seamless pipes with customizable thickness to meet your specific project requirements. The payment terms for our Precision Steel Pipe products are flexible, including T/T and L/C options. With a price range of USD600-800, our seamless pipes guarantee precision and reliability for various industrial applications.

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 surface damage. Pipes are then bundled and secured with steel or plastic straps to maintain stability. For additional safety, the bundles are placed on sturdy wooden pallets or in custom crates depending on the size and quantity of the order. The packaging is designed to withstand handling and transportation stresses, ensuring the product arrives in perfect condition. Shipping is carried out through reliable logistics partners with options for sea, air, or land freight based on customer requirements. All shipments are accompanied by detailed documentation, including quality certificates and packing lists, to facilitate smooth customs clearance and delivery. We prioritize timely delivery and careful handling to meet our customers' expectations and maintain the high quality of our Precision Steel Pipes throughout the shipping process.

FAQ:

- Q1: What is the brand name of the Precision Steel Pipe?**
A1: The brand name of the Precision Steel Pipe is Zhengshen.
- Q2: Where is the Precision Steel Pipe manufactured?**
A2: The Precision Steel Pipe is manufactured in the USD600-800 region.
- Q3: What are the typical applications of Zhengshen Precision Steel Pipes?**
A3: Zhengshen Precision Steel Pipes are commonly used in automotive, machinery, construction, and mechanical engineering industries due to their high precision and durability.
- Q4: What materials are used in the production of Zhengshen Precision Steel Pipes?**
A4: Zhengshen Precision Steel Pipes are made from high-quality carbon steel or alloy steel, ensuring strength and precision.
- Q5: What sizes and dimensions are available for the Precision Steel Pipe?**
A5: Zhengshen offers Precision Steel Pipes in a variety of sizes and dimensions to meet different industrial requirements. Custom sizes can also be manufactured upon request.







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