Bevelled End Precision Steel Pipe with Good Corrosion Resistance for Boiler Heat Exchanger Manufacturing

Our Product Introduction

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

- Coating Type: Fbe, 2PE, 3PE, 3PP
- Corrosionresistance: Good (depending On Material And Coating)
- Ends: Bevelled End Or Plain Ends
- Specification: 10mm
- Type: Seamless
- Manufacturingprocess: Cold Drawing, Hot Rolling
- Technique: Hot Rolled
- Transport Package: Export Standard Package/as Request
- Highlight: **Bevelled End Precision Steel Pipe**, **Good Corrosion Resistance Precision Steel Tube** , **Boiler Heat Exchanger Precision Seamless Pipe**



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Our Product Introduction

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Product Description

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The Precision Steel Pipe is a high-quality product engineered to meet the demanding requirements of various industrial applications. Manufactured with meticulous attention to detail, this pipe is available with either bevelled ends or plain ends, allowing for versatile use in different assembly and welding processes. The choice of ends ensures the pipe can be easily integrated into systems where precision and reliability are paramount.

This pipe is produced through advanced manufacturing processes, including cold drawing and hot rolling. Cold drawing enhances the dimensional accuracy and surface finish of the pipe, resulting in superior mechanical properties and tighter tolerances. Hot rolling is employed to create pipes with excellent strength and durability, suitable for high-pressure and high-temperature environments. The combination of these processes ensures the Precision Steel Pipe delivers exceptional performance across a wide range of conditions.

The wall thickness of the Precision Steel Pipe ranges from 0.5 mm to 25 mm, catering to diverse application needs. This broad range allows users to select the most appropriate pipe thickness for their specific requirements, whether for lightweight structures or heavy-duty installations. Additionally, the wall thickness range of 0.5 mm to 20 mm is particularly beneficial for applications demanding precision and consistency, such as hydraulic cylinders, automotive components, and mechanical engineering parts.

One of the key highlights of this product is its classification as a Precision Seamless Pipe. Unlike welded pipes, seamless pipes are manufactured without any joints, resulting in a uniform structure that enhances strength and reduces the risk of leaks. This makes the Precision Seamless Pipe highly reliable for critical applications such as oil and gas exploration, hydraulic systems, and high-pressure conduits. The seamless construction also improves aesthetic appeal and surface quality, making it suitable for precision engineering tasks.

Furthermore, the Precision Steel Hollow Pipe variant offers additional advantages for applications requiring lightweight yet robust tubular components. The hollow structure reduces weight without compromising structural integrity, making it ideal for the automotive, aerospace, and mechanical industries where weight reduction is crucial. Its precise dimensions and smooth surface finish facilitate easy fabrication, welding, and assembly, contributing to enhanced manufacturing efficiency.

In summary, the Precision Steel Pipe is a versatile, high-performance product that combines advanced manufacturing techniques with a wide range of material and dimensional options. Its availability in bevelled or plain ends, coupled with cold drawing and hot rolling processes, ensures it meets the stringent demands of modern industries. With wall thickness options from 0.5 mm to 25 mm and material grades including carbon steel and stainless steel, this pipe stands out as a reliable solution for various structural, mechanical, and hydraulic applications.

Key Features

- Product Name: Precision Steel Pipe
- Type: Seamless
- High-precision steel pipe with excellent dimensional accuracy
- Corrosion resistance: Good, depending on material and coating
- Available coating types: FBE, 2PE, 3PE, 3PP
- Manufacturing process: Cold Drawing, Hot Rolling
- Technique: Hot Rolled
- Also known as Precision Steel Tube for versatile industrial applications

Technical Parameters

Corrosion Resistance	Good (depending on material and coating)
Specification	10 mm
Coating Type	FBE, 2PE, 3PE, 3PP
Mechanical Properties	High tensile strength, good toughness
Application	Boiler and heat exchanger
Manufacturing Process	Cold Drawing, Hot Rolling
Wall Thickness	0.5–25 mm
Technique	Hot Rolled
Wall Thickness Range	0.5 mm to 20 mm
Length	Customized

Applications

The Zhengshen Precision Steel Pipe, originating from China, is a highly versatile and reliable product widely used across various industries due to its exceptional quality and performance. Manufactured using advanced hot rolled techniques, this high-precision steel tube is available in carbon steel and stainless steel grades, ensuring it meets diverse application requirements. With a wall thickness range from 0.5 mm to 20 mm and a standard specification of 10 mm, the precision steel tube offers excellent adaptability for different engineering and manufacturing needs.

One of the primary application areas for the Zhengshen precision steel round pipe is the automotive industry. Its high tensile strength and good toughness make it ideal for structural components, exhaust systems, and hydraulic tubes where durability and reliability under stress are critical. The precision steel tube's accurate dimensions and smooth surface finish contribute to enhanced performance and longevity of automotive parts, ensuring safety and efficiency.

In construction and infrastructure projects, the Zhengshen high-precision steel tube is frequently employed due to its robust mechanical properties. It is commonly used in the fabrication of scaffolding, structural frameworks, and pipelines. The precision steel round pipe's ability to withstand high pressure and tensile loads makes it suitable for both indoor and outdoor applications, including bridges, buildings, and industrial plants.

Moreover, the Zhengshen precision steel round pipe is ideal for use in furniture design, sports equipment, and other consumer goods, where both aesthetic appeal and structural integrity are important. Its precision manufacturing process ensures uniformity and reliability, making it a preferred choice for designers and engineers aiming for high-quality end products.

In summary, the Zhengshen Precision Steel Pipe is a premium product that excels in high-precision applications requiring superior mechanical properties. Whether in automotive, construction, manufacturing, or consumer goods, this precision steel tube delivers consistent performance, making it an indispensable material across multiple sectors.

Customization

Our Precision Steel Pipe product, branded Zhengshen and originating from China, offers exceptional customization services to meet your specific requirements. We specialize in manufacturing Precision Seamless Steel Pipe with wall thickness ranging from 0.5 to 25 mm, ensuring superior strength and durability. Utilizing advanced manufacturing processes such as Cold Drawing and Hot Rolling, our Precision Seamless Pipes are produced with meticulous attention to detail and quality.

The Precision Steel Tubing is crafted using the Hot Rolled technique, providing excellent dimensional accuracy and surface finish. To enhance corrosion resistance and longevity, we offer various coating types including FBE, 2PE, 3PE, and 3PP. Our standard specification includes a 10 mm dimension, but we are capable of customizing sizes to suit your project needs.

Choose Zhengshen for reliable and high-quality Precision Seamless Steel Pipe solutions tailored to your exact specifications, ensuring optimal performance in your applications.

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. Our expert technical team is available to assist with product selection, customization options, and troubleshooting to meet your specific project requirements. Additionally, we offer on-site support and training sessions to help your team effectively handle and utilize the precision steel pipes. Quality assurance and timely delivery are our priorities, supported by rigorous testing and quality control processes. Trust our dedicated support services to maximize the value and reliability of your Precision Steel Pipe investment.

Packing and Shipping

Our Precision Steel Pipes are carefully packaged to ensure maximum protection during transportation. Each pipe is securely bundled and wrapped with protective materials to prevent any damage from moisture, corrosion, or physical impact.

We use sturdy wooden crates or reinforced steel frames for shipping larger quantities, ensuring stability and safety throughout the shipping process. For smaller orders, individual pipes are packed in custom-sized cartons with cushioning materials.

All packages are clearly labeled with product specifications, handling instructions, and shipping details to facilitate smooth delivery and inventory management.

Our logistics team coordinates with reliable carriers to provide timely and secure delivery, whether by sea, air, or land, ensuring your Precision Steel Pipes arrive in perfect condition and on schedule.

Frequently Asked Questions

Q1: What is the brand name of this precision steel pipe?

A1: The precision steel pipe is manufactured under the brand name Zhengshen.

Q2: Where is the Zhengshen precision steel pipe produced?

A2: The Zhengshen precision steel pipe is produced in China.

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

A3: Zhengshen precision steel pipes are commonly used in automotive, machinery manufacturing, construction, and other industrial applications

requiring high precision and durability.

Q4: What materials are used in the manufacturing of Zhengshen precision steel pipes?

A4: Zhengshen precision steel pipes are typically made from high-quality carbon steel or alloy steel, ensuring strength and precision.

Q5: Can Zhengshen precision steel pipes be customized to specific sizes and specifications?

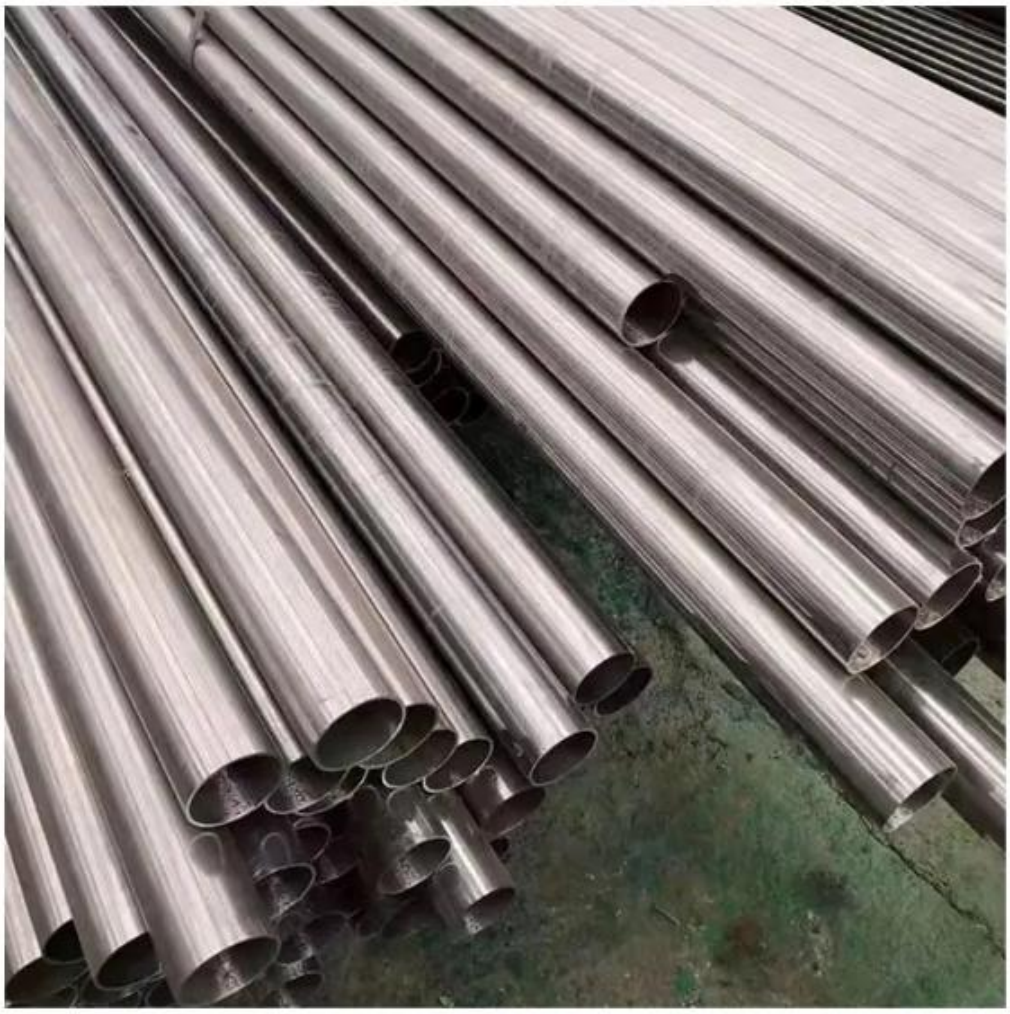
A5: Yes, Zhengshen offers customization options for precision steel pipes to meet specific diameter, length, and tolerance requirements.

Product Gallery













Chongqing Zhengshen Stainless Steel Products Co.,Ltd.

+86 189 9647 2857 cqzhengshen@hotmail.com pipesteels.com

Chenjiawan Industrial Park, Jieshi Town, Banan District, Chongqing, China