



Excellent Corrosion And Oxidation Resistant Temperature Alloy Tube Annealed To Enhance

Our Product Introduction

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Basic Information

- Place of Origin: China JiangSu
- Brand Name: Victory
- Model Number: High Temperature Alloy
- Minimum Order Quantity: 5
- Delivery Time: 5-7 Days



Product Specification

- Density: 8.2-9.4 G/cm³
- Technique: Hot Rolled
- Corrosion Resistance: Excellent
- Oxidation Resistance: Excellent
- Annealed: 700 – 800N/mm²
- Elongation: ≥ 30%
- Weldability: Good
- Grade: Ni Cr Fe Mo Nb
- Highlight: **Corrosion Resistant Temperature Alloy Tube,
Oxidation Resistant Temperature Alloy Tube,
Annealed Temperature Alloy Tube**



Product Description

Product Description:

This High Temperature Alloy product is a corrosion-resistant alloy that is composed of Nickel (Ni), Chromium (Cr), Iron (Fe), Molybdenum (Mo), and Niobium (Nb). These materials are carefully blended to create a product that is resistant to oxidation, high-temperature corrosion, and other forms of wear and tear.

Our High Temperature Alloy product has been annealed to ensure that it has a tensile strength of 700 – 800N/mm². This means that it can withstand bending and stretching without breaking or deforming, making it an ideal material for various applications.

The High Temperature Alloy product has an elongation of $\geq 30\%$, which means that it can be stretched without breaking. This property makes it suitable for use in applications that require materials with high ductility.

In addition, our High Temperature Alloy product has a thermal expansion rate of $11.2 \times 10^{-6}/K$. This property ensures that the material can withstand high temperatures without deforming or cracking. This makes it ideal for use in high-temperature environments where other materials would fail.

The raw materials used to make our High Temperature Alloy product are carefully selected to ensure that they meet the highest standards of quality. The product is composed of Ni63%, CR21-25%, Fe10-15%, which is carefully blended to create a product that is strong, durable, and resistant to corrosion.

Our High Temperature Alloy product is ideal for use in various industrial applications, including but not limited to aerospace, chemical processing, power generation, and oil and gas industries. It is a reliable and cost-effective solution for applications that require materials with high strength, durability, and resistance to corrosion.

Overall, our High Temperature Alloy product is a top-of-the-line solution for various industrial applications. Its superior strength, durability, and resistance to corrosion make it an ideal choice for applications that require materials that can withstand high-stress environments.

Applications:

The high temperature alloy is designed to withstand extreme temperature conditions, making it ideal for use in high-temperature environments. It is commonly used in the manufacturing of gas turbines, power boilers, and chemical plants as it can withstand temperatures up to 900-1100°C. The alloy's excellent creep resistance ensures that it can withstand high levels of stress and pressure, making it highly reliable and safe to use.

Additionally, Victory High Temperature Alloy has excellent oxidation resistance, which makes it ideal for use in applications where exposure to high temperatures and oxygen is a concern. The alloy's ability to resist oxidation helps to prevent corrosion and prolongs the life of the product, reducing maintenance costs.

Victory High Temperature Alloy can be produced to any required length, making it highly versatile and suitable for a wide range of applications. Its elongation of $\geq 30\%$ further enhances its flexibility, making it less prone to cracking and breaking under stress.

Some of the common application occasions and scenarios where Victory High Temperature Alloy is used include:

Gas turbines

Power boilers

Chemical plants

Petrochemical industry

Aerospace industry

Automotive industry

High-temperature furnace components

Heat exchangers

Industrial furnaces

In conclusion, Victory High Temperature Alloy is an excellent choice for anyone looking for a reliable and durable hot rolled alloy steel that can withstand extreme temperature conditions. Its excellent creep resistance and oxidation resistance make it highly versatile and suitable for a wide range of applications. With a minimum order quantity of 5 and delivery time of 5-7 days, you can be assured of timely and efficient delivery of your product.

Customization:

Our Product Customization Services for the Victory High Temperature Alloy product include:

Brand Name: Victory

Model Number: High Temperature Alloy

Place of Origin: China JiangSu

Minimum Order Quantity: 5

Delivery Time: 5-7 Days

Thermal Expansion: $11.2 \times 10^{-6}/K$

Corrosion Resistance: Excellent (part of our Corrosion Resistant Alloys)

Item Name: 2205 Stainless Plate

Annealed: 700 – 800N/mm² (part of our Hard Metal Alloys)

Elongation: $\geq 30\%$ (part of our Alloy Tool Steel)

Support and Services:

Our High Temperature Alloy products are designed to withstand extreme temperatures and provide unparalleled performance in high-stress environments. Our technical support team is available to assist you with any questions or concerns you may have about our products, including:

Material selection and compatibility

Product performance and specifications

Installation and maintenance recommendations

Troubleshooting and problem-solving

In addition, our experienced engineers and technicians offer a range of services to support your High Temperature Alloy needs, including:

Custom design and manufacturing

Testing and analysis

Product modification and repair

Training and education

With our commitment to quality and customer satisfaction, you can trust our High Temperature Alloy products and services to meet your needs and exceed your expectations.

Packing and Shipping:

Product Packaging:

The high temperature alloy product will be packed in a wooden crate to ensure maximum protection during transportation.

The crate will be securely fastened with metal straps to prevent any movement during transit.

The product will be wrapped with bubble wrap and foam to prevent any scratches or damage.

Shipping:

The high temperature alloy product will be shipped via air or sea freight, depending on the customer's preference.

The shipping cost will be calculated based on the product weight and destination.

Once the product is shipped, the customer will receive a tracking number to monitor the shipment status.

The estimated delivery time will be provided based on the shipping method and destination.

FAQ:

Q: What is the brand name of the high temperature alloy product?

A: The brand name of the product is Victory.

Q: What is the model number of the high temperature alloy product?

A: The model number of the product is High Temperature Alloy.

Q: Where is the high temperature alloy product manufactured?

A: The product is manufactured in China, specifically in Jiangsu.

Q: What is the minimum order quantity for the high temperature alloy product?

A: The minimum order quantity for the product is 5.

Q: What is the delivery time for the high temperature alloy product?

A: The delivery time for the product is 5-7 days.



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