



Excellent Oxidation And Corrosion Resistance High Temperature Alloy For Heat Treatment

Our Product Introduction

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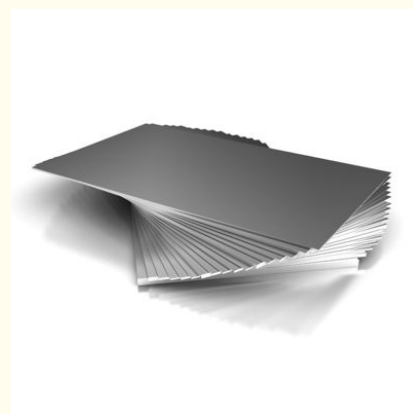
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: High Temperature Alloy

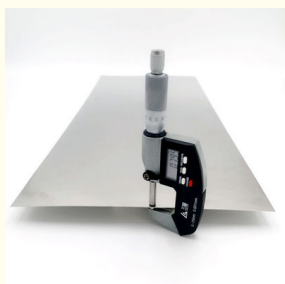


Product Specification

- Corrosion Resistance: Excellent
- Thermal Expansion: $11.2 \times 10^{-6}/K$
- Oxidation Resistance: Excellent
- Shape: Wire, Strip, Rod, Tube, Plate
- Type: Carbon Steel Bar
- Grade: Ni Cr Fe Mo Nb
- Creep Resistance: Excellent
- Item Name: 2205 Stainless Steel Strip
- Highlight: Oxidation Resistance High Temperature Alloy,
Heat Treatment High Temperature Alloy,
Corrosion Resistance High Temperature Alloy



More Images



Product Description

Product Description:

The product is available in various shapes including Wire, Strip, Rod, Tube, and Plate. This makes it easy to use in a variety of applications. The High Temperature Alloy can be used in a number of industries such as aerospace, automotive, and chemical processing.

The High Temperature Alloy is known for its excellent thermal expansion properties. It has a thermal expansion rate of $11.2 \times 10^{-6}/K$ which makes it ideal for use in high-temperature environments. The product also has a density range of 8.2-9.4 G/cm³ which makes it lightweight and easy to handle.

When it comes to strength and durability, the High Temperature Alloy is one of the best options available in the market. The product has an elongation rate of $\geq 30\%$ which means that it can withstand a lot of stress and pressure. It is also resistant to corrosion and can withstand exposure to harsh chemicals and other environmental factors.

The High Temperature Alloy is manufactured using the hot rolled alloy steel process. This process involves heating the metal to a very high temperature and then rolling it into the desired shape. This process makes the product strong and durable while also ensuring that it is easy to work with.

Features:

Product Name: High Temperature Alloy

Type: Carbon Steel Bar

Grade: Ni Cr Fe Mo Nb

Weldability: Good

Oxidation Resistance: Excellent

Creep Resistance: Excellent

Our High Temperature Alloy is a hot rolled alloy steel that is part of our high end refractory alloys line. It has excellent creep resistance and oxidation resistance, making it ideal for use in high temperature environments. Its good weldability and carbon steel bar construction make it easy to work with and perfect for a variety of applications.

Technical Parameters:

Type	Carbon Steel Bar
Weldability	Good
Item Name	2205 Stainless Steel Strip
Corrosion Resistance	Excellent
Grade	Ni Cr Fe Mo Nb
Annealed	700 – 800N/mm ²
Thermal Expansion	$11.2 \times 10^{-6}/K$
Length	As Required
Shape	Wire, Strip, Rod, Tube, Plate
Raw Materials	NI63%,CR21-25%,Fe10-15%

Applications:

The Victory High Temperature Alloy product is available in a variety of shapes, including wire, strip, rod, tube, and plate. This versatility makes it ideal for a range of different applications, from industrial manufacturing to construction and engineering projects. The alloy's thermal expansion is $11.2 \times 10^{-6}/K$, making it particularly useful for high-temperature environments where other materials might fail.

One of the most common uses for the Victory High Temperature Alloy product is in the manufacturing of hard metal alloys. These alloys are used in a variety of applications, including cutting tools, dies, and molds. The high temperature resistance of the alloy makes it ideal for use in these applications, as it can withstand the high temperatures and pressures that are often encountered in these environments.

Another common application for the Victory High Temperature Alloy product is in the aerospace industry. The alloy's strength and durability make it ideal for use in aircraft engines, where it can withstand the high temperatures and stresses that are encountered during flight. Additionally, the alloy's thermal expansion properties make it well-suited for use in the construction of aircraft components, where it can help to prevent warping and distortion due to temperature changes.

Overall, the Victory High Temperature Alloy product is a versatile and reliable material that is well-suited for a range of different applications. Its strength, durability, and high-temperature resistance make it ideal for use in the manufacture of hard metal alloys and in the aerospace industry, among others.

Support and Services:

Our technical support and services for our High Temperature Alloy product includes:

Assistance with product selection and application

Recommendations for optimum performance and product lifespan

Expert guidance on material properties and specifications
Assistance with fabrication and installation techniques
Troubleshooting and analysis of product performance issues
Customization options and engineering support for specific applications

Packing and Shipping:

Product Packaging:

The high temperature alloy product will be packed securely in a sturdy box.

A foam lining will be included to protect the product during transportation.

All necessary labeling and warnings will be clearly displayed on the packaging.

Shipping:

Shipping will be handled by a reputable carrier to ensure the product arrives at its destination safely and on time.

The high temperature alloy product will be shipped in compliance with all applicable regulations and guidelines.

A tracking number will be provided so the customer can monitor the delivery status of their product.

FAQ:

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

A: The brand name is Victory.

Q: What is the model number of this product?

A: The model number is High Temperature Alloy.

Q: Where is this product made?

A: This product is made in China.

Q: What are the features of Victory High Temperature Alloy?

A: Victory High Temperature Alloy has excellent high temperature strength and oxidation resistance, good fatigue resistance and thermal stability.

Q: What applications can Victory High Temperature Alloy be used for?

A: Victory High Temperature Alloy is suitable for use in a variety of high temperature applications such as gas turbines, aircraft engines, and industrial furnaces.



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