



Carbon Steel Bar Hot Rolled Alloy Steel With Excellent Oxidation Resistance

Our Product Introduction

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Basic Information

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



Product Specification

- Item Name: 2205 Stainless Steel Strip
- Length: As Required
- Corrosion Resistance: Excellent
- Technique: Hot Rolled
- Type: Carbon Steel Bar
- Thermal Expansion: $11.2 \times 10^{-6}/K$
- Annealed: 700 – 800N/mm²
- Elongation: $\geq 30\%$
- Highlight: **Alloy Steel Carbon Steel Bar,
Hot Rolled Carbon Steel Bar,
Excellent Oxidation Resistance Carbon Steel Bar**

Product Description

Product Description:

One of the key features of our High Temperature Alloy product is its excellent oxidation resistance. This means that it can resist the formation of rust and other forms of corrosion that can cause metals to weaken and degrade over time. This makes it ideal for use in applications where exposure to high temperatures and harsh environments is common, such as in the aerospace, automotive, and manufacturing industries.

Another important attribute of our High Temperature Alloy product is its high density. It has a density range of 8.2-9.4 G/cm³, making it one of the most durable and hard-wearing metals available. This density also helps to improve its mechanical properties, such as its strength and resistance to wear and tear.

The raw materials used to create our High Temperature Alloy product are Ni63%, CR21-25%, and Fe10-15%. These materials are carefully selected and combined to create a metal that is highly resistant to corrosion, oxidation, and other forms of degradation. They also help to improve the metal's overall strength and durability, making it ideal for use in a wide range of applications.

Finally, our High Temperature Alloy product is known for its excellent creep resistance. Creep is a phenomenon that occurs when a metal is exposed to high temperatures and begins to deform over time. This can cause the metal to weaken and eventually fail, which can be dangerous in certain applications. However, our High Temperature Alloy product is designed to resist creep and maintain its strength and durability even when exposed to extreme temperatures and harsh environments.

Overall, our High Temperature Alloy product is a reliable and high-performing metal that is ideal for use in a wide range of applications. Whether you need a metal that can withstand extreme temperatures, resist corrosion and oxidation, or maintain its strength and durability over time, our High Temperature Alloy product is the perfect choice. So if you're looking for a high-quality, hard-wearing metal that can stand up to even the toughest conditions, look no further than our High Temperature Alloy product.

Features:

Product Name: High Temperature Alloy

Oxidation Resistance: Excellent

Technique: Hot Rolled

Elongation: ≥ 30%

Raw Materials: Ni63%,CR21-25%,Fe10-15%

Shape: Wire, Strip, Rod, Tube, Plate

This High Temperature Alloy is an Alloy Steel Metal that is hot rolled for optimum strength. It has excellent oxidation resistance and is available in a variety of shapes including wire, strip, rod, tube, and plate. With an elongation of at least 30%, this High Temperature Alloy is a durable and reliable choice for high-temperature applications.

Technical Parameters:

Item Name	2205 Stainless Steel Strip
Grade	Ni Cr Fe Mo Nb
Raw Materials	Ni63%,CR21-25%,Fe10-15%
Density	8.2-9.4 G/cm ³
Technique	Hot Rolled
Creep Resistance	Excellent
Oxidation Resistance	Excellent
Corrosion Resistance	Excellent
Weldability	Good
Length	As Required

Applications:

One of the primary uses of the Victory High Temperature Alloy is for the production of high-temperature alloy wire. The product's excellent oxidation resistance and thermal expansion properties make it an ideal material for industrial wire applications where high heat and pressure are involved. The wire is used in various industries such as aerospace, automotive, and electronics.

The Victory High Temperature Alloy is also used in the production of corrosion-resistant alloys. The material's high-end refractory alloys make it an excellent choice for applications that require resistance to corrosion, such as chemical processing plants and wastewater treatment facilities. The product's excellent creep resistance also makes it a reliable material for use in high-stress environments.

The Victory High Temperature Alloy is a versatile product that can be used in various industrial applications. Its excellent properties make it a reliable material for use in high-temperature and high-pressure environments. The product is widely used in the aerospace, automotive, electronics, and chemical processing industries, among others.

Support and Services:

Our High Temperature Alloy product is backed by our comprehensive technical support and services. Our team of experts are available

to assist with any product inquiries, including material selection, product application, and performance optimization. We offer a range of post-sales services, including product testing, analysis, and failure investigation. Our team can provide customized solutions to meet your specific needs.

In addition, we provide comprehensive training and education programs to our customers to ensure proper handling, installation, and maintenance of our High Temperature Alloy product.

At our facilities, we have state-of-the-art equipment and resources to perform a range of services, such as welding, machining, and fabrication.

Contact us to learn more about our technical support and services for our High Temperature Alloy product.

Packing and Shipping:

Product Packaging:

The High Temperature Alloy product will be packed in a sturdy cardboard box to ensure safe transport. The product will be wrapped in bubble wrap to prevent any damage during shipping.

Shipping:

The High Temperature Alloy product will be shipped via a trusted courier service. The estimated delivery time will be communicated to the customer upon order confirmation. The customer will receive a tracking number to track their package during transit.

FAQ:

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

A: The brand name of the high temperature alloy product is Victory.

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

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

Q: Where is the high temperature alloy product manufactured?

A: The high temperature alloy product is manufactured in China.

Q: What are the applications of the high temperature alloy product?

A: The high temperature alloy product is widely used in aerospace, power generation, and petrochemical industries for applications that require high strength and resistance to extreme temperatures.

Q: What is the composition of the high temperature alloy product?

A: The high temperature alloy product is composed of a combination of nickel, cobalt, chromium, and other elements that provide high strength and corrosion resistance at elevated temperatures.



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