



Thermal Conductivity 11.5 W/m·K CoCr Alloy Fe Ni Cr with Bright Oxided Surface

Our Product Introduction

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Basic Information

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



Product Specification

- Thermal Conductivity: 11.5 W/m·K
- Chemical Position: Fe-Ni-Cr Alloy
- Sureface: Bright,Oxided
- Tensile Strength: 760 MPa
- Weldability: Good
- Density: 8.14 G/cm3
- Service: OEM\ODM
- Special Use: Compressor Disks,machine Manufacturing
- Highlight: 11.5 W/m·K CoCr Alloy, Fe Ni Cr CoCr Alloy, Bright Oxided Surface CoCr Alloy

Product Description

Product Description:

With a coefficient of expansion of $14.4 \mu\text{m/m } ^\circ\text{C}$ ($20 - 100^\circ\text{C}$), the Incoloy Alloy product is designed to withstand temperature changes without compromising its structural integrity. This makes it a reliable choice for applications that require high-temperature resistance, such as those found in the aerospace, petrochemical, and power generation industries.

The Incoloy Alloy product comes in two surface finishes: bright and oxidized. The bright surface finish is ideal for applications that require a smooth and polished appearance, while the oxidized surface finish is perfect for applications that require a more rugged and industrial look. With its versatile surface finishes, the Incoloy Alloy product is suitable for a wide range of applications in various industries.

One of the key benefits of the Incoloy Alloy product is its exceptional high-temperature performance. It can withstand temperatures of up to 1,000 degrees Celsius, making it a popular choice for applications that require materials that can withstand extreme heat. Its exceptional performance in high-temperature environments is due to its Inconel 625 material, which is known for its excellent mechanical properties and corrosion resistance.

The Incoloy Alloy product is a type of alloy material that is widely used in the manufacturing industry. Its high-temperature resistance and exceptional performance make it an ideal material for use in various industrial applications. Whether you are looking for a material for your compressor disks or machine manufacturing needs, the Incoloy Alloy product is a reliable choice that will meet your expectations.

Features:

Product Name: Incoloy Alloy

Density: 8.14 G/cm³

High Temperature Performance: Good

Special Use: Compressor Disks, machine Manufacturing

Executive Standard: ASTM

Length: As Your Request

Material: Inconel 625

Type: Incoloy Plate

Technical Parameters:

Chemical Position	Fe-Ni-Cr Alloy
High Temperature Performance	Good
Tolerance	$\pm 1\%$
Length	As Your Request
Processing Service	Decoiling,Cutting,Bending
Special Use	Compressor Disks,machine Manufacturing
Sureface	Bright,Oxided
Coefficient Of Expansion	$14.4 \mu\text{m/m } ^\circ\text{C}$ ($20 - 100^\circ\text{C}$)
Thermal Conductivity	11.5 W/m·K
Weldability	Good

Applications:

One of the most common applications for Incoloy Alloy is in the manufacturing of Incoloy Plate. This alloy is an ideal choice for plates that will be subjected to high temperatures and corrosive environments. In addition, Incoloy Alloy is often used in the production of Inconel 625 Material, which is highly resistant to oxidation and corrosion.

Incoloy Alloy is also a popular choice for applications that require low thermal expansion. Its coefficient of expansion is similar to that of Invar Alloy, which makes it an excellent choice for applications such as precision instruments and electronic components.

In terms of processing services, Victory offers decoiling, cutting, and bending for Incoloy Alloy. This means that you can order the material in the length that you require, and have it cut and bent to your specific needs. In addition, Victory provides OEM and ODM services, so you can customize your order to suit your exact specifications.

Overall, Victory's Incoloy Alloy is a reliable and versatile material that can be used in a wide range of applications. Whether you need it for Incoloy Plate, Inconel 625 Material, or any other purpose, Victory can provide you with the high-quality material you need.

Customization:

- Material Options: Inconel 625 Material, Incoloy 800 Material, FeCrAl Alloy
- Place of Origin: China
- Executive Standard: ASTM
- Surface: Bright, Oxided
- Service: OEMODM

- Tensile Strength: 760 MPa
- Processing Service: Decoiling, Cutting, Bending

Support and Services:

Our Incoloy Alloy product technical support and services include:

Expert technical assistance from knowledgeable staff

Material selection guidance to ensure optimal performance

Customized product development to meet specific requirements

Product testing and analysis to ensure quality and reliability

Assistance with product installation and maintenance

Access to product documentation and specifications

Our goal is to provide comprehensive support and services to ensure our Incoloy Alloy products meet your needs and exceed your expectations.

FAQ:

Q: What is Victory Incoloy Alloy?

A: Victory Incoloy Alloy is a high-performance nickel-chromium-iron alloy manufactured in China. It is known for its excellent resistance to oxidation and corrosion in high-temperature environments.

Q: What are the typical applications of Victory Incoloy Alloy?

A: Victory Incoloy Alloy is commonly used in the aerospace, chemical processing, and power generation industries, where it is used for high-temperature applications such as gas turbine components, furnace parts, and heat exchangers.

Q: What are the advantages of using Victory Incoloy Alloy?

A: Victory Incoloy Alloy offers excellent resistance to oxidation and corrosion in high-temperature environments, making it ideal for use in harsh industrial settings. It also has good mechanical properties at high temperatures, which makes it a reliable choice for critical applications.

Q: Can Victory Incoloy Alloy be customized to meet specific requirements?

A: Yes, Victory Incoloy Alloy can be customized to meet specific requirements. Please contact our sales team for more information on custom orders.

Q: What is the lead time for Victory Incoloy Alloy?

A: The lead time for Victory Incoloy Alloy varies depending on the quantity ordered and the availability of stock. Please contact our sales team for more information on lead times and availability.



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