



Find Best Incoloy Bar Products For Industrial Applications

Our Product Introduction

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Basic Information

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



Product Specification

- Processing Service: Decoiling, Cutting, Bending
- Coefficient Of Expansion: $14.4 \mu\text{m/m } ^\circ\text{C}$ (20 – 100°C)
- Special Use: Compressor Disks, machine Manufacturing
- High Temperature Performance: Good
- Executive Standard: ASTM
- Length: As Your Request
- Service: OEM\ODM
- Tensile Strength: 760 MPa
- Highlight: **Industrial Applications Incoloy Bar,**
Industrial Applications Incoloy Bar Products



Product Description

Product Description:

One of the key benefits of the Incoloy Alloy is its high temperature performance. This alloy can withstand extreme temperatures and harsh environments without losing its strength or durability, making it ideal for use in a variety of industries. It is also highly resistant to corrosion and oxidation, which further enhances its longevity and reliability.

Another advantage of the Incoloy Alloy is its versatility. It can be easily processed to meet a wide range of specifications, including decoiling, cutting, and bending. This makes it an ideal material for use in a variety of applications, from aerospace and automotive engineering to industrial manufacturing and construction.

The Incoloy Alloy has a thermal conductivity of 11.5 W/m-K, which is higher than many other alloys on the market. This high level of thermal conductivity makes it an ideal choice for applications that require efficient heat transfer, such as in heat exchangers and other thermal management systems.

In addition, the Incoloy Alloy has a coefficient of expansion of 14.4 $\mu\text{m/m } ^\circ\text{C}$ (20 – 100 $^\circ\text{C}$). This means that it can expand and contract with changes in temperature without becoming distorted or damaged, making it a reliable choice for use in a variety of environments.

The Incoloy Alloy is made from high-quality Inconel 625 material, which is known for its excellent strength and durability. This material is also highly resistant to corrosion and oxidation, making it ideal for use in harsh environments where other materials may fail.

Overall, the Incoloy Alloy is an excellent choice for a wide range of applications. Its high temperature performance, excellent thermal conductivity, and versatile processing capabilities make it a top choice for industries ranging from aerospace and automotive engineering to industrial manufacturing and construction.

Features:

Product Name: Incoloy Alloy

Length: As Your Request

Thermal Conductivity: 11.5 W/m-K

Executive Standard: ASTM

Type: Nickel Sheet

Special Use: Compressor Disks, Machine Manufacturing

Material: Incoloy 800

Also Known As: Expansion Alloy, CoCr Alloy

Technical Parameters:

| | |
|------------------------------|--|
| Alloy Materials | Fe-Ni-Cr Alloy |
| High Temperature Performance | Good |
| Thermal Conductivity | 11.5 W/m-K |
| Tolerance | $\pm 1\%$ |
| Executive Standard | ASTM |
| Processing Service | Decoiling,Cutting,Bending |
| Weldability | Good |
| Special Use | Compressor Disks,Machine Manufacturing |
| Surface | Bright,Oxided |
| Length | As Your Request |

Applications:

One of the most common applications of the Incoloy Alloy is in the manufacturing of compressor disks. These disks are used in gas turbines and jet engines, where they need to withstand high temperatures and extreme pressure. The Incoloy Alloy is perfect for this application due to its high tensile strength of 760 MPa, which ensures the compressor disks can handle the strain.

The Incoloy Alloy is also ideal for machine manufacturing, where it is used to produce various components such as pumps, valves, and heat exchangers. The alloy's high strength and corrosion resistance make it an excellent choice for applications that require resistance to harsh environments, such as chemical processing plants.

The Victory Incoloy Alloy is manufactured in China, where it is produced to the highest quality standards. The alloy is available in different lengths, depending on the customer's requirements. It is a CuNi alloy, which means it contains both copper and nickel, making it highly resistant to corrosion, even in saltwater environments.

Another common use for the Incoloy Alloy is in the production of Incoloy plates. These plates are used in a variety of applications, including aerospace, chemical processing, and power generation. The Incoloy plates are highly resistant to corrosion and can withstand high temperatures, making them an excellent choice for applications that require durability and strength.

In summary, the Victory Incoloy Alloy is a versatile product that is perfect for a wide range of applications. Its high strength, durability, and corrosion resistance make it an ideal choice for applications that require reliability and performance. Whether you need compressor disks, machine components, or Incoloy plates, the Victory Incoloy Alloy is a product that you can rely on.

Customization:

Our Product Customization Services for the Victory Incoloy Alloy include:

Customizable dimensions and shapes to fit your specific needs

Material options such as Incoloy 800, Invar Alloy, and Inconel 625 Material

Various surface finishes to meet your desired aesthetic and functional requirements

Additional chemical composition adjustments to achieve desired properties

Our Incoloy Alloy, also known as Fe-Ni-Cr Alloy, is a high-performance material that has excellent resistance to corrosion and high-temperature oxidation. It has a thermal conductivity of 11.5 W/m·K and a coefficient of expansion of 14.4 $\mu\text{m/m } ^\circ\text{C}$ (20 – 100 $^\circ\text{C}$). With a tensile strength of 760 MPa, our Incoloy Alloy meets the Executive Standard of ASTM and is manufactured in China.

Support and Services:

The Incoloy Alloy product technical support and services provided include:

Expert technical assistance for product selection and application

Material testing and analysis to ensure product quality and performance

Customized product design and manufacturing to meet specific needs and requirements

Product installation and maintenance guidance and support

Product replacement and repair services

Our team of experienced professionals is dedicated to providing the highest level of customer support and satisfaction.

Packing and Shipping:

Product Packaging:

The Incoloy Alloy product will be packed securely in a wooden crate to prevent damage during shipping.

The crate will be lined with protective material to cushion the product.

The product will be sealed in a plastic bag to protect it from moisture or dirt.

Labels will be affixed to the crate indicating the product name, quantity, and any handling instructions.

Shipping:

The Incoloy Alloy product will be shipped via a reputable carrier to ensure timely and safe delivery.

The shipping method will be selected based on the weight and dimensions of the product.

Tracking information will be provided once the product has been shipped.

Any necessary customs documentation will be included to expedite international shipments.

FAQ:

Q: What is the brand name of this product?

A: This product is manufactured by Victory.

Q: What is the model number of this product?

A: The model number for this product is Incoloy Alloy.

Q: Where is this product manufactured?

A: This product is manufactured in China.

Q: What are some of the key features of Incoloy Alloy?

A: Incoloy Alloy is a high-temperature resistant alloy that has excellent corrosion resistance and high strength. It is ideal for use in harsh environments such as chemical processing, power generation, and oil and gas industries.

Q: What sizes are available for Incoloy Alloy?

A: Incoloy Alloy is available in a variety of sizes, ranging from small rods and bars to large sheets and plates. Please contact us for more information about the sizes we offer.



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