



Wide Temperature Range OEM Incoloy Alloy Bar Durable

Our Product Introduction

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Basic Information

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



Product Specification

- Coefficient Of Expansion: 14.4 $\mu\text{m/m } ^\circ\text{C}$ (20 – 100 $^\circ\text{C}$)
- Processing Service: Decoiling,Cutting,Bending
- Thermal Conductivity: 11.5 W/m-K
- Type: Nickel Bar
- Service: OEM\ODM
- Special Use: Compressor Disks,machine Manufacturing
- Length: As Your Request
- Chemical Position: Fe-Ni-Cr Alloy
- Highlight: **OEM Incoloy Alloy Bar,
Wide Temperature Range Incoloy Alloy Bar,
Durable Incoloy Alloy Bar**

Product Description

Product Description:

As an OEM/ODM product, the Incoloy Alloy offers great flexibility in terms of customization to meet specific requirements. It is designed to have a tolerance of $\pm 1\%$, ensuring that it meets the required specifications for each application.

One of the key features of the Incoloy Alloy is its excellent thermal conductivity of 11.5 W/m·K. This makes it an ideal material for applications that require excellent heat transfer properties. It is commonly used in high-temperature environments where other materials may fail.

The Incoloy Alloy is also known for its exceptional resistance to corrosion and oxidation. This makes it ideal for use in harsh environments where exposure to corrosive substances is a concern. The material is also highly resistant to cracking and pitting, ensuring that it lasts longer than other alloy materials.

Overall, the Incoloy Alloy is a reliable and durable material that is ideal for use in a wide range of applications. Its unique combination of high strength, excellent thermal conductivity, and exceptional corrosion resistance makes it a popular choice for machine manufacturing and other industrial applications.

Features:

Product Name: Incoloy Alloy

Processing Service: Decoiling, Cutting, Bending

Weldability: Good

High Temperature Performance: Good

Density: 8.14 G/cm³

Thermal Conductivity: 11.5 W/m·K

Material: Inconel 625

Also known as: Expansion Alloy, Invar Alloy

Technical Parameters:

High Temperature Performance	Good
Length	As Your Request
Surface	Bright, Oxided
Density	8.14 G/cm ³
Tensile Strength	760 MPa
Tolerance	$\pm 1\%$
Type	Nickel Bar
Thermal Conductivity	11.5 W/m·K
Special Use	Compressor Disks, machine Manufacturing
Executive Standard	ASTM
Other Alloys	CuNi Alloy, Hastelloy Alloy, CoCr Alloy

Applications:

The Incoloy Alloy is an Expansion Alloy that can be applied in many different scenarios. For instance, it is used in the aerospace industry as a heat-resistant material for engine components. It is also used in the chemical industry for manufacturing equipment that is exposed to high temperatures and corrosive environments. Its resistance to corrosion makes it an ideal material for marine and offshore applications.

Another application for the Incoloy Alloy is in the medical industry. The product's biocompatibility makes it a suitable material for surgical implants, where it is used as a CoCr Alloy. It is also used in the production of dental implants and prosthetics.

Moreover, the Incoloy Alloy is a popular choice for the oil and gas industry, where it is used in downhole tools and completion equipment due to its high resistance to corrosion and sulfide stress cracking. It is also used in the production of valves, pumps, and piping systems. The Incoloy Alloy is comparable to the Inconel 625 Material, as they both have excellent mechanical properties and high resistance to corrosion and oxidation. The Incoloy Alloy can also be used as a substitute for the Inconel 625 Material in some applications, especially when the latter is not available or is too expensive.

In conclusion, Victory's Incoloy Alloy is a versatile and high-performance material that can be used in different industries and applications. Its excellent properties, such as its resistance to corrosion and high-temperature environments, make it an ideal choice for many scenarios.

Customization:

Looking for customized Incoloy Alloy products? Look no further than Victory. Our Incoloy Alloy products are made in China and are available in both FeCrAl Alloy and Inconel 625 Material. With a thermal conductivity of 11.5 W/m·K and a tensile strength of 760 MPa, our

Incoloy Alloy products are perfect for a range of applications. We offer OEM and ODM services, and our Incoloy Alloy products can be customized to your exact specifications. Choose between a bright or oxidized surface finish for your products. Contact us today to learn more about our Incoloy Alloy product customization services.

Support and Services:

Our company offers comprehensive technical support and services for our Incoloy Alloy product. Our team of experts is available to provide assistance with product selection, design, installation, and maintenance. We also offer training programs to ensure proper handling and operation of our product.

In addition, we provide testing and analysis services to ensure the quality and performance of our Incoloy Alloy product. Our testing capabilities include chemical analysis, mechanical testing, and non-destructive testing. We also offer customized testing solutions to meet specific customer needs.

Our technical support and services team is committed to providing timely and effective solutions to any issues or concerns that may arise. We strive to maintain long-term relationships with our customers and ensure their satisfaction with our products and services.

Packing and Shipping:

Product Packaging:

The Incoloy Alloy product will be carefully packaged to ensure safe transportation. Each product will be wrapped in protective material and placed in a sturdy box with additional padding to prevent any damage during shipping.

Shipping:

We offer free standard shipping for all Incoloy Alloy products within the continental United States. Orders will be processed within 1-2 business days and shipped via UPS or FedEx. Please allow 5-7 business days for delivery. Expedited shipping options are available for an additional fee.

FAQ:

Here are some frequently asked questions and answers about the Victory Incoloy Alloy:

Q: What is the Victory Incoloy Alloy?

A: The Victory Incoloy Alloy is a high-performance nickel-chromium-iron alloy that is designed for use in a variety of high-temperature applications. It is known for its excellent resistance to oxidation, corrosion, and heat, making it ideal for use in harsh environments.

Q: What are some common applications for the Victory Incoloy Alloy?

A: The Victory Incoloy Alloy is commonly used in a variety of industries, including chemical processing, petrochemical, power generation, and aerospace. It is often used in high-temperature applications such as furnace components, heat exchangers, and gas turbines.

Q: Where is the Victory Incoloy Alloy made?

A: The Victory Incoloy Alloy is made in China.

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

A: The Victory Incoloy Alloy offers a number of benefits, including excellent corrosion and oxidation resistance, high-temperature strength, and good fabricability. It is also relatively low cost compared to some other high-performance alloys.

Q: Is the Victory Incoloy Alloy available in different forms?

A: Yes, the Victory Incoloy Alloy is available in a variety of forms, including sheets, plates, bars, and tubes. It can also be custom made to suit specific applications.



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