



Upgrade Products With Incoloy Alloy Top Choice For Materials

Our Product Introduction

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Basic Information

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

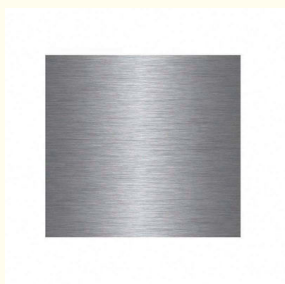


Product Specification

- Weldability: Good
- Executive Standard: ASTM
- Tensile Strength: 760 MPa
- Special Use: Compressor Disks, machine Manufacturing
- Coefficient Of Expansion: $14.4 \mu\text{m/m } ^\circ\text{C}$ (20 – 100°C)
- Sureface: Bright, Oxided
- Thermal Conductivity: 11.5 W/m-K
- Processing Service: Decoiling, Cutting, Bending
- Highlight: **Upgrade Products Incoloy Alloy, Incoloy Alloy Materials, Upgrade Incoloy Alloy**



More Images



Product Description

Product Description:

The Incoloy 800 Material is a variant of this alloy that contains a higher percentage of nickel, chromium, and iron, which makes it more resistant to corrosion and oxidation. The alloy is widely used in high-temperature applications, such as furnace equipment, heat exchangers, and petrochemical processing plants.

The Incoloy Alloy has a coefficient of expansion of $14.4 \mu\text{m/m } ^\circ\text{C}$ ($20 - 100^\circ\text{C}$), which makes it an ideal choice for applications that require dimensional stability at high temperatures. The material's high-temperature strength and excellent resistance to oxidation and corrosion make it a popular choice for applications that require durability and reliability in harsh environments.

The Hastelloy Alloy is another variant of the Incoloy Alloy that contains a higher percentage of molybdenum, which gives it exceptional resistance to corrosion and oxidation in a wide range of chemical environments. The alloy is widely used in chemical processing plants, aerospace, and marine applications due to its superior corrosion resistance and high-temperature strength.

The Incoloy Alloy is available in various lengths as per the customer's request. The material is available in both bright and oxidized surfaces, making it a versatile choice for various applications that require different surface finishes.

In conclusion, the Incoloy Alloy is an excellent choice for applications that require high-temperature strength, excellent resistance to oxidation and corrosion, and dimensional stability at high temperatures. The material is available in various lengths and surface finishes, making it a versatile choice for different applications. The Incoloy 800 Material and Hastelloy Alloy are two popular variants of this alloy that offer exceptional corrosion resistance and high-temperature strength.

Features:

Product Name: Incoloy Alloy

High Temperature Performance: Good

Special Use: Compressor Disks, Machine Manufacturing

Chemical Position: Fe-Ni-Cr Alloy

Tolerance: $\pm 1\%$

Executive Standard: ASTM

Material: Inconel 625

Alloy Type: CuNi Alloy

Alloy Family: CuNi Alloy

Technical Parameters:

Surface	Bright, Oxided
Service	OEMODM
Tensile Strength	760 MPa
Tolerance	$\pm 1\%$
Executive Standard	ASTM
Chemical Position	Fe-Ni-Cr Alloy
Length	As Your Request
Coefficient Of Expansion	$14.4 \mu\text{m/m } ^\circ\text{C}$ ($20 - 100^\circ\text{C}$)
Special Use	Compressor Disks, machine Manufacturing
Processing Service	Decoiling, Cutting, Bending

Applications:

The Victory Incoloy Alloy is also known as an expansion alloy and is often used in applications where thermal expansion is a concern. With a coefficient of expansion of $14.4 \mu\text{m/m } ^\circ\text{C}$ ($20 - 100^\circ\text{C}$), this product is a great choice for high-temperature applications that require stability and reliability.

One of the unique features of the Victory Incoloy Alloy is its surface finish. This product is available in both bright and oxidized finishes, making it a versatile choice for a range of applications. Additionally, the Victory Incoloy Alloy is often compared to the Hastelloy Alloy for its similar properties and performance.

The Victory Incoloy Alloy is commonly used in a range of industries, including aerospace, chemical processing, and power generation. In aerospace, this product is often used in turbine engines and exhaust systems. In chemical processing, the Victory Incoloy Alloy is used in reactors and heat exchangers. In power generation, this product is used in steam generators and turbine components.

In conclusion, the Victory Incoloy Alloy is a versatile and reliable product that is widely used in various industries. Its special use in compressor disks and machine manufacturing, along with its coefficient of expansion and surface finish, make it an ideal choice for a range of applications. Whether in aerospace, chemical processing, or power generation, the Victory Incoloy Alloy is a high-performance product that provides stability and reliability.

Support and Services:

The Incoloy Alloy product comes with comprehensive technical support and services to ensure optimal performance and longevity. Our team of experienced engineers and technicians are available to assist with product installation, troubleshooting, and maintenance. We also offer custom fabrication services to meet unique project requirements. Our in-house metallurgical laboratory provides material testing and analysis to ensure product compliance with industry standards. Additionally, we offer training programs for customers and technical staff to enhance product knowledge and improve operational efficiency. Contact us to learn more about our technical support and services.

Packing and Shipping:

Product Packaging:

The Incoloy Alloy product will be securely packed in a wooden crate or a cardboard box.

All edges and corners of the crate or box will be padded to prevent any damage during transportation.

The product will be wrapped in bubble wrap or foam sheets to provide additional cushioning.

The packaging will also include a label with the product name, material composition, and quantity.

Shipping:

The Incoloy Alloy product will be shipped via a reliable carrier service.

The carrier will be chosen based on the destination and the urgency of the delivery.

The shipment will be insured to cover any loss or damage during transit.

The customer will be provided with a tracking number to monitor the status of the shipment.

FAQ:

Q: What is Victory Incoloy Alloy?

A: Victory Incoloy Alloy is a high-performance nickel-chromium alloy that is resistant to high-temperature corrosion and oxidation. It is commonly used in applications such as gas turbines, chemical processing, and nuclear reactors.

Q: What is the composition of Victory Incoloy Alloy?

A: Victory Incoloy Alloy consists of nickel, chromium, iron, and smaller amounts of other metals such as molybdenum, titanium, and aluminum. The exact composition can vary depending on the specific grade of Incoloy Alloy.

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

A: Victory Incoloy Alloy has excellent resistance to high-temperature corrosion and oxidation, making it ideal for use in harsh environments. It also has good mechanical properties at both high and low temperatures, and is highly resistant to cracking and stress-corrosion.

Q: Where is Victory Incoloy Alloy manufactured?

A: Victory Incoloy Alloy is manufactured in China, where it is produced to strict quality control standards to ensure consistent performance and reliability.

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

A: Victory Incoloy Alloy is commonly used in applications such as gas turbines, chemical processing, and nuclear reactors. It is also used in the aerospace industry for parts such as exhaust nozzles and afterburner parts.



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