



## CuNi Alloy Bright Surface Fe Ni Cr 760MPa Tensile Strength ASTM Standard Compression Parts Making

Our Product Introduction

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### Basic Information

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



### Product Specification

- Service: OEM/ODM
- High Temperature Performance: Good
- Special Use: Compressor Disks, machine Manufacturing
- Processing Service: Decoiling, Cutting, Bending
- Chemical Position: Fe-Ni-Cr Alloy
- Tensile Strength: 760 MPa
- Executive Standard: ASTM
- Sureface: Bright, Oxided
- Highlight: **ASTM Standard CuNi Alloy, Fe Ni Cr CuNi Alloy, 760MPa Tensile Strength CuNi Alloy**

## Product Description

### Product Description:

The Chemical Position of the Incoloy Alloy consists of iron, nickel, and chromium. The combination of these elements gives the alloy its unique properties, such as its resistance to high temperatures and corrosion. The Fe-Ni-Cr Alloy is widely used in various industries, including aerospace, automotive, and chemical processing.

The Incoloy Alloy has a bright and oxidized surface, which makes it suitable for applications that require a visually appealing finish. The alloy is also known for its excellent resistance to oxidation and corrosion, making it ideal for use in harsh environments.

The Incoloy Alloy is manufactured in accordance with the ASTM Executive Standard, ensuring that the product meets the highest quality standards. This standard ensures that the alloy is of consistent quality and that it performs as expected in various applications.

In conclusion, the Incoloy Alloy is a type of FeCrAl Alloy that is widely used in various industries due to its good high temperature performance, weldability, and resistance to corrosion. It is an excellent choice for applications that require high temperature resistance and good welding properties. The bright and oxidized surface of the alloy also makes it suitable for applications that require a visually appealing finish. The manufacturing of the alloy in accordance with the ASTM Executive Standard ensures that it meets the highest quality standards and performs as expected in various applications.

### Features:

Product Name: Incoloy Alloy

Coefficient Of Expansion: 14.4  $\mu\text{m/m } ^\circ\text{C}$  (20 – 100 $^\circ\text{C}$ )

High Temperature Performance: Good

Thermal Conductivity: 11.5 W/m-K

Special Use: Compressor Disks, machine Manufacturing

Executive Standard: ASTM

Material: CuNi Alloy, Inconel 625 Material, FeCrAl Alloy

### Technical Parameters:

Alloy Materials	Incoloy 800 Material
CuNi Alloy	Fe-Ni-Cr Alloy
Service	OEMODM
Weldability	Good
Type	Nickel Sheet
Processing Service	Decoiling,Cutting,Bending
Thermal Conductivity	11.5 W/m·K
Surface	Bright,Oxidized
Density	8.14 G/cm3
Length	As Your Request
Tolerance	$\pm 1\%$

### Applications:

The Victory Incoloy Alloy is an expansion alloy that is designed to provide excellent thermal stability and resistance to high temperatures. It is ideal for use in a wide range of high-temperature applications, including furnace components, heat exchangers, and other industrial equipment. The Incoloy Plate is also resistant to oxidation and corrosion, making it an ideal choice for applications where durability and longevity are critical.

In addition to its excellent high-temperature performance, the Victory Incoloy Alloy also has a thermal conductivity of 11.5 W/m-K. This makes it an excellent choice for applications where efficient heat transfer is essential. Whether you are working with high-temperature liquids or gases, this product will help ensure that heat is transferred efficiently and effectively.

The Victory Incoloy Alloy also has a coefficient of expansion of 14.4  $\mu\text{m/m } ^\circ\text{C}$  (20 – 100 $^\circ\text{C}$ ). This means that it will expand and contract in response to changes in temperature, making it an ideal choice for applications where thermal expansion and contraction are a concern.

Whether you are working with extreme temperatures or more moderate conditions, this product will help ensure that your equipment operates smoothly and reliably.

In short, the Victory Incoloy Alloy is an excellent choice for anyone who needs a high-quality, reliable, and versatile product for industrial or commercial applications. Whether you are working with furnace components, heat exchangers, or any other equipment that requires a durable and dependable material, this product will meet your needs. So why wait? Order your Victory Incoloy Alloy today and experience the difference for yourself!

### Customization:

Our Product Customization Services for the Victory Incoloy Alloy from China (Model Number: Incoloy Alloy) include:

Brand Name: Victory  
Model Number: Incoloy Alloy  
Place of Origin: China  
Executive Standard: ASTM  
Weldability: Good  
Special Use: Compressor Disks, Machine Manufacturing  
Type: Nickel Sheet  
Coefficient Of Expansion: 14.4  $\mu\text{m/m } ^\circ\text{C}$  (20 – 100 $^\circ\text{C}$ )  
We also offer customization services for CoCr Alloy, FeCrAl Alloy, and Expansion Alloy products. Contact us for more information.

## Support and Services:

Our team of technical experts is available to provide support and assistance with any inquiries related to the Incoloy Alloy product. We offer a range of services including product testing, material selection guidance, and customized solutions to meet your specific needs. Our goal is to ensure that you receive the highest quality product and service experience possible. Contact us to learn more about how we can assist you with your Incoloy Alloy requirements.

## FAQ:

**Q: What is the brand name of this product?**

A: The brand name of this product is Victory.

**Q: What is the model number of this product?**

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

**Q: Where is this product manufactured?**

A: This product is manufactured in China.

**Q: Is Incoloy Alloy resistant to corrosion?**

A: Yes, Incoloy Alloy is highly resistant to corrosion, making it ideal for use in harsh environments.

**Q: What are some common applications of Incoloy Alloy?**

A: Incoloy Alloy is commonly used in a variety of applications, including chemical processing, power generation, and oil and gas industries.



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