



ASTM Certified Expansion Alloy Nickel Sheet for Temperature Compressor Disks

Our Product Introduction

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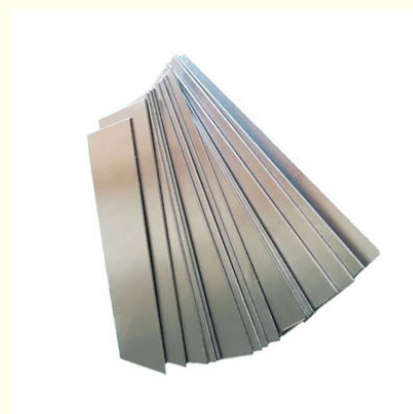
Basic Information

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



Product Specification

- High Temperature Performance: Good
- Weldability: Good
- Chemical Position: Fe-Ni-Cr Alloy
- Executive Standard: ASTM
- Type: Nickel Sheet
- Coefficient Of Expansion: $14.4 \mu\text{m/m } ^\circ\text{C}$ (20 – 100°C)
- Tensile Strength: 760 MPa
- Special Use: Compressor Disks, machine Manufacturing
- Highlight: **ASTM Certified Expansion Alloy Nickel Sheet, Temperature Compressor Disks Nickel Sheet**



Product Description

Product Description:

The Incoloy Alloy has good weldability, which makes it easier to join with other metals. It can be welded using various methods, including gas tungsten arc welding, gas metal arc welding, and shielded metal arc welding. This makes it suitable for applications that require complex shapes and structures.

The Incoloy Alloy is also suitable for OEMODM service. It can be manufactured according to the customer's specifications, making it ideal for custom applications. The alloy can be processed using various methods, including decoiling, cutting, and bending. This allows for the production of different shapes and sizes of the alloy, depending on the specific requirements of the customer.

The Incoloy Alloy has a thermal conductivity of 11.5 W/m·K, which makes it suitable for applications that require high thermal conductivity. It can be used in heat exchangers, power generation, and other applications that require efficient heat transfer. The high thermal conductivity of the alloy also makes it suitable for applications that require high-temperature resistance.

The Incoloy Alloy is manufactured according to the ASTM executive standard. This standard ensures that the alloy meets specific requirements for strength, durability, and performance. The ASTM standard ensures that the Incoloy Alloy is of high quality and suitable for various applications.

In conclusion, the Incoloy Alloy is a CoCr alloy that has excellent properties, including good weldability, high strength, and resistance to corrosion and oxidation. It is available in the form of Incoloy plate, Incoloy sheet, and Incoloy bar, making it suitable for various applications. The alloy is suitable for OEMODM service and can be processed using various methods. It has a high thermal conductivity of 11.5 W/m·K, making it ideal for applications that require efficient heat transfer. The Incoloy Alloy is manufactured according to the ASTM executive standard, ensuring that it is of high quality and suitable for various applications.

Features:

Product Name: Incoloy Alloy

Special Use: Compressor Disks, machine Manufacturing

Density: 8.14 G/cm³

Thermal Conductivity: 11.5 W/m·K

Tensile Strength: 760 MPa

Type: Nickel Sheet

Material: Inconel 625

Product Type: Incoloy Plate

Related Product: Invar Alloy

Technical Parameters:

Type	Nickel Sheet
Processing Service	Decoiling, Cutting, Bending
Executive Standard	ASTM
Special Use	Compressor Disks, Machine Manufacturing
Thermal Conductivity	11.5 W/m·K
Weldability	Good
Tensile Strength	760 MPa
High Temperature Performance	Good
Length	As Your Request
Surface	Bright, Oxided

This product can be classified as a FeCrAl Alloy, Expansion Alloy, or Incoloy 800 Material.

Applications:

The Victory Incoloy Alloy is a high-performance alloy that is widely used in various industries due to its excellent properties and characteristics. This alloy is made of copper, nickel, and iron, which makes it highly resistant to corrosion and oxidation. The Victory Incoloy Alloy is produced in China, following the ASTM Executive Standard, and its length can be customized according to your specific needs.

The Victory Incoloy Alloy has a density of 8.14 G/cm³, which makes it a lightweight material that is easy to work with. This alloy is perfect for applications that require high strength and excellent corrosion resistance. The Victory Incoloy Alloy is commonly used in compressor disks and machine manufacturing, where its high strength and durability are critical for the proper functioning of the equipment.

The Victory Incoloy Alloy has good weldability, which makes it an ideal material for welding applications. This alloy can be easily welded to other materials, such as CuNi Alloy and Invar Alloy, to create a strong and durable bond.

The Victory Incoloy Alloy is available in the form of Incoloy Plate, which is a flat sheet of the alloy that can be easily shaped and formed into different shapes and sizes. This makes it a versatile material that can be used in various applications and scenarios.

Overall, the Victory Incoloy Alloy is a high-performance material that is perfect for applications that require high strength, excellent corrosion resistance, and good weldability. This alloy is widely used in various industries, including aerospace, chemical processing, and marine engineering, among others. If you are looking for a reliable and durable material for your next project, the Victory Incoloy Alloy is

an excellent choice.

Customization:

Our processing services include decoiling, cutting, and bending to meet your specific needs. Whether you need a Hastelloy Alloy, Incoloy Plate, CuNi Alloy or any other type of customization, we are here to help. Contact us today to get started!

Support and Services:

The Incoloy Alloy product is backed by our technical support and services team to ensure that our customers have access to the expertise and assistance they need. Our team of professionals can provide:

Product selection and recommendation

Application assistance

Technical documentation and data sheets

Product testing and analysis

Product customization and fabrication

Inventory management and logistics support

Our goal is to provide superior customer service and support to ensure the successful implementation and use of our Incoloy Alloy product.

FAQ:

Q: What is the brand name of the product?

A: The brand name of the product is Victory.

Q: What is the model number of the product?

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

Q: Where is the product made?

A: The product is made in China.

Q: What are the main features of Incoloy Alloy?

A: Incoloy Alloy is a high-performance nickel-chromium alloy that offers excellent resistance to oxidation as well as corrosion resistance in high temperature environments. It is also resistant to chloride-ion stress-corrosion cracking and provides high strength and good creep resistance at elevated temperatures.

Q: What applications is Incoloy Alloy used for?

A: Incoloy Alloy is commonly used in applications where high temperatures and corrosive environments are present, such as in chemical processing, pollution control, and oil and gas production.



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