



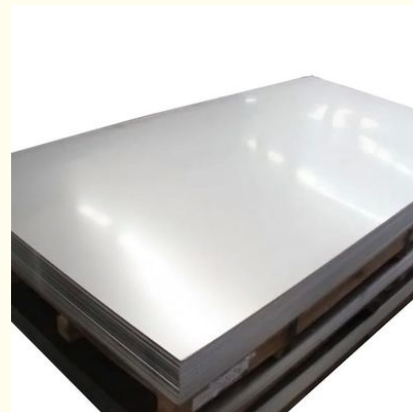
11.5 W/m·K Thermal Conductivity Alloy Materials Bright Oxidized for Compressor Disks

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

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



Product Specification

- Special Use: Compressor Disks,machine Manufacturing
- Density: 8.14 G/cm3
- Sureface: Bright,Oxided
- Weldability: Good
- Processing Service: Decoiling,Cutting,Bending
- Tolerance: $\pm 1\%$
- Thermal Conductivity: 11.5 W/m·K
- Service: OEM\ODM
- Highlight: **Compressor Disks Alloy Materials,
Bright Oxidized Alloy Materials,
11.5 W/m·K Thermal Conductivity Alloy
Materials**

Product Description

Product Description:

Inconel 625 material is also used in the production of Incoloy Alloy, which makes it even more durable and resistant to high temperatures. This material is known for its excellent mechanical properties, including high strength, toughness, and resistance to corrosion and oxidation. It is also highly resistant to pitting and crevice corrosion, making it ideal for use in harsh environments. The Incoloy Alloy has a thermal conductivity of 11.5 W/m-K, which makes it an excellent conductor of heat. This makes it ideal for use in high-temperature applications, where heat transfer is critical. It can also be used in heat exchangers and other heat transfer equipment. The Incoloy Alloy meets the executive standard of ASTM, which ensures that it meets the highest quality standards. This standard ensures that the alloy has the required mechanical and chemical properties, and that it is suitable for use in various applications. The Incoloy Alloy is a special type of FeCrAl alloy that is designed for use in high-temperature applications. It is commonly used in compressor disks and other machine manufacturing applications where high strength and durability are required. It is also used in the production of heat exchangers, furnace components, and other high-temperature equipment.

Features:

Product Name: Incoloy Alloy
Type: Nickel Sheet
Special Use: Compressor Disks, Machine Manufacturing
Weldability: Good
Tolerance: $\pm 1\%$
Surface: Bright, Oxidized
Related Products:
CoCr Alloy
Incoloy Plate
Expansion Alloy

Technical Parameters:

Special Use	Compressor Disks, Machine Manufacturing
Length	As Your Request
Executive Standard	ASTM
Coefficient Of Expansion	14.4 $\mu\text{m/m } ^\circ\text{C}$ (20 – 100 $^\circ\text{C}$)
Chemical Position	Fe-Ni-Cr Alloy (Incoloy Plate)
Weldability	Good (CoCr Alloy, FeCrAl Alloy)
Tensile Strength	760 MPa
High Temperature Performance	Good (Incoloy Plate)
Processing Service	Decoiling, Cutting, Bending
Thermal Conductivity	11.5 W/m-K

Applications:

The Victory Incoloy Alloy is a perfect fit for various application occasions and scenarios. The product is widely used in the chemical and petrochemical industries to make heat exchangers, evaporators, and furnaces. The Incoloy Alloy is highly resistant to corrosion and oxidation, making it ideal for use in extreme temperatures. Additionally, the product is also used in the aerospace industry to manufacture aircraft engines and gas turbines. The high tensile strength of the product makes it perfect for use in high-pressure applications. The Victory Incoloy Alloy is also used in the medical industry to manufacture medical equipment. The Incoloy Alloy is an alternative to CoCr Alloy and Hastelloy Alloy, which are commonly used in the medical industry. This is due to the fact that the Incoloy Alloy is highly resistant to corrosion, making it ideal for use in medical equipment that is exposed to bodily fluids. The Incoloy Alloy is also used in the marine industry to manufacture marine components. The product is highly resistant to saltwater corrosion and can withstand harsh marine environments. The Incoloy Alloy is a popular choice among manufacturers of marine components due to its high-quality attributes. In conclusion, Victory Incoloy Alloy is a versatile product that is highly sought after in various industries. The product's high tensile strength, good weldability, and resistance to corrosion make it a popular alternative to CoCr Alloy and Hastelloy Alloy. The product is widely used in the chemical, aerospace, medical, and marine industries to manufacture a wide range of components. If you are looking for a high-quality product that can withstand extreme temperatures and harsh environments, then Victory Incoloy Alloy is the perfect fit for you.

Customization:

Our product customization services are available for the Victory Incoloy Alloy, a high-temperature resistant material that is perfect for use

in compressor disks and machine manufacturing. Our Incoloy Alloy is made using a combination of CuNi Alloy, CoCr Alloy, and FeCrAl Alloy, ensuring that it provides excellent high-temperature performance. We offer a range of processing services for the Incoloy Alloy, including decoiling, cutting, and bending, to ensure that it meets your exact specifications. Our tolerance levels are set at $\pm 1\%$, ensuring that you receive a product that is consistent and reliable. The Victory Incoloy Alloy is produced in China, where we carefully monitor every step of the manufacturing process to ensure that it meets our high standards. The material comes with a bright or oxidized surface, depending on your requirements. So if you're looking for a high-quality Incoloy Alloy that can be customized to meet your needs, look no further than Victory. Contact us today to learn more about our product customization services.

Support and Services:

Our Incoloy Alloy product technical support and services include:

- Expert technical assistance for product selection, design, and application
- Material testing and analysis
- Customized product development and manufacturing
- Product performance evaluation and troubleshooting
- On-site technical support and training
- After-sales technical support and maintenance

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: What is Incoloy Alloy used for?

A: Incoloy Alloy is commonly used in high-temperature applications such as chemical processing, power generation, and aerospace industries.

Q: What are the physical properties of Incoloy Alloy?

A: Incoloy Alloy is a nickel-chromium-iron alloy that offers excellent corrosion resistance, high strength, and good resistance to high-temperature environments.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu