



## Excellent Corrosion Resistance FeCrAl Bar Shape with Tensile Strength 650-800 MPa

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: FeCrAl Bar/Rod



### Product Specification

- Resistivity: 1.45
- Material: FeCrAl
- Port: Shanghai, China
- Corrosion Resistance: Excellent
- Tensile Strength: 650-800 MPa
- Shape: Bar
- High Temperature Resistance: Up To 1400°C
- Size: Customized
- Highlight: **650-800 MPa FeCrAl Bar,  
Tensile Strength 800 MPa FeCrAl Bar,  
Excellent Corrosion Resistance FeCrAl Bar**



## Product Description

### Product Description:

One of the most important attributes of the FeCrAl Bar is its high temperature resistance. This product can withstand temperatures up to 1400°C, making it ideal for use in high-temperature environments. Whether you need a product for use in industrial furnaces, kilns, or other high-temperature applications, the FeCrAl Bar is an excellent choice.

The FeCrAl Bar is made from a FeCrAl alloy, which is a type of high-resistance alloy that is known for its excellent resistance to oxidation and corrosion. This material is also known for its high electrical resistivity, with a resistivity of 1.45. This makes it an ideal choice for use in electrical heating elements, as it can provide a consistent and reliable source of heat.

The FeCrAl Bar is available from our port in Shanghai, China, ensuring fast and efficient delivery to customers around the world. We offer a range of surface treatments for the FeCrAl Bar, including Bright, Oxidized, and Polished finishes. This allows you to choose the surface treatment that best suits your needs and preferences.

Overall, the FeCrAl Bar is an excellent choice for anyone in need of a high-quality, high-temperature resistant product. With its excellent resistivity, high-temperature resistance, and range of surface treatments, the FeCrAl Bar is sure to meet your needs and exceed your expectations.

### Features:

Product Name: FeCrAl Bar

Resisivity: 1.45

Supply State: Rod

Shape: Bar

Tensile Strength: 650-800 MPa

Thermal Expansion: 8.2-9.2  $\mu\text{m/mK}$

Our FeCrAl Bar product is a high-quality bright steel round bar that comes in a rod supply state. With a resistivity of 1.45, it is perfect for a variety of applications. The bar shape and flat iron steel construction make it easy to work with and shape. Its impressive tensile strength of 650-800 MPa ensures that it will withstand even the toughest of conditions. Additionally, its thermal expansion rate of 8.2-9.2  $\mu\text{m/mK}$  makes it a reliable choice for high-temperature applications.

### Technical Parameters:

Shape:	Bar
Supply State:	Rod
Port:	Shanghai, China
Tensile Strength:	650-800 MPa
Material:	FeCrAl
Elongation:	$\geq 12\%$
Application:	Heating Elements, Industrial Furnaces, Electrical Appliances
Size:	Customized
Thermal Expansion:	8.2-9.2 $\mu\text{m/mK}$
High Temperature Resistance:	Up to 1400°C

### Applications:

One of the primary applications of this product is in the manufacturing of forged square bars. The Victory FeCrAl Bar is an excellent choice for this application because it has a high thermal expansion coefficient of 8.2-9.2  $\mu\text{m/mK}$ , which makes it ideal for use in high-temperature environments. The bar's elongation is also  $\geq 12\%$ , which means that it can withstand high levels of stress without breaking or becoming damaged.

The Victory FeCrAl Bar is also used in the production of bright steel flat bars. This type of bar is commonly used in the construction industry for making frames, brackets, and other structural components. The Victory FeCrAl Bar is an excellent choice for this application because it is highly resistant to corrosion and can withstand high levels of stress without breaking or becoming damaged.

Another common application of the Victory FeCrAl Bar is in the production of flat stainless steel bars. These bars are often used in the food and beverage industry because they are easy to clean and highly resistant to corrosion. The Victory FeCrAl Bar is an excellent choice for this application because it is made from high-quality materials that are resistant to corrosion and can withstand high levels of stress without breaking or becoming damaged.

Overall, the Victory FeCrAl Bar/Rod is a versatile and high-quality product that can be used in a wide range of applications. Whether you need a bar for forging, construction, or food and beverage production, the Victory FeCrAl Bar is an excellent choice. So if you want a product that is durable, resistant to corrosion, and can withstand high levels of stress, be sure to choose the Victory FeCrAl Bar/Rod.

### Customization:

Victory offers product customization services for FeCrAl Bar/Rod, a high-quality product made in China. FeCrAl Bar/Rod is made from

FeCrAl material, which provides excellent corrosion resistance and has a tensile strength of 650-800 MPa. The size of the FeCrAl Bar/Rod can be customized to meet your specific needs.

FeCrAl Bar/Rod is used in various applications, including heating elements, industrial furnaces, and electrical appliances. At Victory, we offer customization services for different types of FeCrAl Bar/Rod including Bright Steel Round Bar, Bright Steel Flat Bar, and Forged Square Bar.

## Support and Services:

Our FeCrAl (Iron-Chromium-Aluminium) Bar product is designed to provide high temperature oxidation resistance and exceptional strength even at elevated temperatures. We offer technical support and services to ensure that our customers can optimize the performance of our FeCrAl Bar product in their specific applications. Our team of experts can provide assistance with material selection, design optimization, and troubleshooting. We also offer testing and analysis services to ensure that our product meets the required specifications and standards. Contact us for more information on our FeCrAl Bar technical support and services.

## Packing and Shipping:

### Product Packaging:

The FeCrAl Bar product will be packaged securely in a cardboard box with proper cushioning material to ensure safe transportation. Each bar will be individually wrapped in a protective layer to prevent scratches and damage during transit.

### Shipping:

We offer worldwide shipping for our FeCrAl Bar product. We use trusted courier services to ensure timely and safe delivery to your doorstep. Shipping costs will vary depending on the destination and quantity ordered. Please allow 1-2 business days for processing and handling before the product is shipped.

## 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 FeCrAl Bar/Rod.

### Q: Where is this product manufactured?

A: This product is manufactured in China.

### Q: What is the material used in this product?

A: This product is made of FeCrAl (Iron-Chromium-Aluminum) alloy.

### Q: What are the applications of this product?

A: This product is widely used in heating elements, industrial furnaces, kilns, and other high-temperature applications.



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