



1.45 Resistivity Bright Surface FeCrAl Nickel 80% Alloy Bar

Our Product Introduction

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Basic Information

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



Product Specification

- Surface Treatment: Bright, Oxidized, Polished
- Shape: Bar
- Elongation: $\geq 12\%$
- Supply State: Rod
- Resistivity: 1.45
- Corrosion Resistance: Excellent
- Hardness: ≥ 200 HV
- Application: Heating Elements, Industrial Furnaces, Electrical Appliances
- Highlight: **80% Alloy FeCrAl Bar,
Bright Surface FeCrAl Bar,
1.45 Resistivity FeCrAl Bar**



Product Description

Product Description:

With a tensile strength of 650-800 MPa, the FeCrAl Bar is a durable and reliable option for a wide range of industrial and commercial applications. Additionally, this bright steel round bar is available in a variety of surface treatments including bright, oxidized, and polished, giving customers the flexibility to choose the best option for their specific needs.

Manufactured in Shanghai, China, the FeCrAl Bar is made from a high-quality alloy steel that is designed to withstand extreme temperatures and harsh environments. Whether you are looking for a reliable heating element for your industrial furnace or a durable component for your electrical appliance, the FeCrAl Bar is an excellent choice.

Features:

Product Name: FeCrAl Bar

Corrosion Resistance: Excellent

Shape: Bar

High Temperature Resistance: Up To 1400°C

Material: FeCrAl

Surface Treatment: Bright, Oxidized, Polished

FeCrAl Bar is a versatile bar that offers excellent corrosion resistance and high temperature resistance up to 1400°C. The bar comes in a range of shapes, including bright steel round bar, flat stainless steel bar, and alloy steel bar. The material used is FeCrAl, which is known for its durability and strength. The bar can be treated with a range of surface treatments, including bright, oxidized, and polished finishes.

Technical Parameters:

Material	FeCrAl
Shape	Bar
Size	Customized
Hardness	≥200 HV
Tensile Strength	650-800 MPa
High Temperature Resistance	Up To 1400°C
Resisivity	1.45
Nickel	80%
Thermal Expansion	8.2-9.2 μm/mK
Application	Heating Elements, Industrial Furnaces, Electrical Appliances

This Alloy Steel Bar is a Forged Square Bar or a Bright Steel Round Bar. It is commonly used in applications such as Heating Elements, Industrial Furnaces, and Electrical Appliances due to its high temperature resistance and customized size.

Applications:

The Victory FeCrAl Bar/Rod can be used in a variety of industries and applications, including but not limited to:

Heat Treatment Industry: The FeCrAl Bar is an ideal material for the heat treatment industry due to its high resistance to oxidation and corrosion. The bright steel flat bar is used for the production of heating elements, such as furnace heating elements, which require high-temperature resistance and durability.

Mechanical Engineering: The Victory FeCrAl Bar/Rod can also be used in mechanical engineering for the production of forged square bars, which are used for various mechanical components, such as gears, bearings, and shafts. The flat stainless steel bar is ideal for producing parts that require high strength, durability, and resistance to corrosion.

Electronics Industry: The FeCrAl Bar/Rod is also commonly used in the electronics industry for the production of heating elements, such as electric heating wires and resistors. The high temperature resistance and corrosion resistance of the Victory FeCrAl Bar/Rod make it an ideal material for these applications.

Chemical Industry: The Victory FeCrAl Bar/Rod is also widely used in the chemical industry for the production of chemical processing equipment, such as reaction vessels, heat exchangers, and distillation columns. The oxidation resistance and high-temperature stability of the FeCrAl Bar make it an ideal material for these applications.

Furthermore, the Victory FeCrAl Bar/Rod is available in various surface treatments, including bright, oxidized, and polished. These surface treatments make it more versatile and suitable for different applications. The bright surface treatment is ideal for applications where a polished, shiny surface is required. The oxidized surface treatment is ideal for applications where corrosion resistance is required. The polished surface treatment is ideal for applications where a smooth, shiny surface is required.

In conclusion, the Victory FeCrAl Bar/Rod is a high-quality product that is versatile and can be used in various occasions and scenarios. Its unique attributes, including its high temperature and corrosion resistance, make it ideal for use in industries such as heat treatment, mechanical engineering, electronics, and chemical processing. With its various surface treatments and customizable sizes, the Victory FeCrAl Bar/Rod is a reliable and cost-effective solution for a variety of applications.

Customization:

Victory offers product customization services for FeCrAl Bar/Rod, a high-quality alloy steel bar made in China. Our FeCrAl Bar/Rod has a minimum hardness of ≥ 200 HV and can withstand high temperatures of up to 1400°C. Our FeCrAl Bar/Rod is perfect for use in heating elements, industrial furnaces, and electrical appliances. We offer customized sizes to fit your specific needs, and our FeCrAl Bar/Rod is available in a supply state of rod. Choose from a variety of customization options including Bright Steel Round Bar, Bright Steel Flat Bar, and other alloy steel bar options to meet your requirements.

Support and Services:

Our FeCrAl Bar product is designed to provide high temperature strength and oxidation resistance in a variety of applications. We offer technical support and services to help you with any questions or issues you may encounter while using our product. Our technical support team can provide assistance with:

Product selection and application

Installation and maintenance

Troubleshooting

In addition to technical support, we also offer various services to enhance your experience with our product:

Custom cutting and sizing

Special packaging and labeling

Fast and reliable delivery

We are committed to providing excellent customer service and ensuring your satisfaction with our product. Contact us for any technical support or service needs.

Packing and Shipping:

Product Packaging:

The FeCrAl Bar product will be packed securely in a cardboard box to prevent any damage during transportation.

The box will be labeled with the product name, quantity, and handling instructions for safe delivery.

Shipping:

The FeCrAl Bar product will be shipped through a reliable shipping service.

The shipping cost will be calculated based on the weight and destination of the package.

The estimated delivery time will depend on the shipping service chosen and the destination.

The customer will receive a tracking number to track the progress of their shipment.

FAQ:

Q: What is the brand name of this product?

A: The brand name is Victory.

Q: What is the model number of this product?

A: The model number is FeCrAl Bar/Rod.

Q: Where is this product manufactured?

A: This product is manufactured in China.

Q: What is the length of the FeCrAl Bar/Rod?

A: The length of the FeCrAl Bar/Rod can be custom-made according to your requirements.

Q: What is the diameter range of the FeCrAl Bar/Rod?

A: The diameter range of the FeCrAl Bar/Rod is 0.5mm-20mm.



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