



## 1.4826 Bright Oxidized Treatment FeCrAl Alloy Rod

Our Product Introduction

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### Basic Information

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



### Product Specification

- Supply State: Rod
- Elongation:  $\geq 12\%$
- Shape: Bar
- Material: FeCrAl
- Nickel: 80%
- Surface Treatment: Bright, Oxidized, Polished
- Application: Heating Elements, Industrial Furnaces, Electrical Appliances
- Size: Customized
- Highlight: **Bright Oxidized Treatment FeCrAl Alloy Rod, 1.4826 FeCrAl Alloy Rod**



### More Images



## Product Description

### Product Description:

The FeCrAl Bar is available in custom sizes to meet the varying needs of different industries. It is a forged square bar that is versatile and can be easily shaped to fit specific applications. The bar is also known for its excellent elongation properties of  $\geq 12\%$ , making it highly resistant to cracking, bending, and other forms of deformation.

The FeCrAl Bar is available in three different surface treatments, including bright, oxidized, and polished. The bright surface treatment is ideal for applications where a clean, polished look is desired, while the oxidized and polished surface treatments are ideal for applications where durability and corrosion resistance are important.

The FeCrAl Bar is widely used in a variety of industries, including aerospace, automotive, and industrial manufacturing. Its unique thermal expansion properties make it an ideal material for use in heating elements, as it can withstand high temperatures without warping or cracking. It is also commonly used in industrial furnaces and electrical appliances, where its durability and resistance to corrosion make it a reliable choice.

In summary, the FeCrAl Bar is a high-quality alloy steel bar that is known for its excellent thermal expansion properties, versatility, and durability. It is available in custom sizes and three different surface treatments, making it a versatile material for use in a variety of applications. Whether you're looking for a reliable material for use in heating elements, industrial furnaces, or electrical appliances, the FeCrAl Bar is an excellent choice that won't let you down.

### Features:

Product Name: FeCrAl Bar  
Nickel: 80%  
Thermal Expansion: 8.2-9.2  $\mu\text{m/mK}$   
Size: Customized  
Port: Shanghai, China  
Resistivity: 1.45  
Material: Alloy Steel Bar  
Product Type: Forged Square Bar

### Technical Parameters:

Port	Shanghai, China
Tensile Strength	650-800 MPa
Shape	Bar
Hardness	$\geq 200$ HV
Size	Customized
High Temperature Resistance	Up To 1400°C
Application	Heating Elements, Industrial Furnaces, Electrical Appliances
Material	FeCrAl
Thermal Expansion	8.2-9.2 $\mu\text{m/mK}$
Corrosion Resistance	Excellent

### Applications:

One application for the FeCrAl Bar is in the manufacturing of Forged Square Bars. Due to its high tensile strength (650-800 MPa), this product is an excellent choice for creating durable and long-lasting forged square bars.

Another application for the FeCrAl Bar is in the creation of Bright Steel Flat Bars. With its excellent corrosion resistance and high hardness ( $\geq 200$  HV), the Victory FeCrAl Bar is an ideal choice for creating bright steel flat bars that will last for years to come.

Moreover, the Victory FeCrAl Bar is an excellent product for High Temperature Resistance applications. With a temperature resistance of up to 1400°C, this product can handle high heat environments with ease.

In conclusion, the Victory FeCrAl Bar/Rod is a versatile product that can be used in a wide range of applications. Whether you need it for Forged Square Bars, Bright Steel Flat Bars, or High Temperature Resistance scenarios, this product is a reliable and durable choice.

### Customization:

The FeCrAl Bar/Rod offers excellent corrosion resistance and high-temperature resistance for up to 1400°C. It has a hardness of  $\geq 200$  HV, a thermal expansion of 8.2-9.2  $\mu\text{m/mK}$ , and a tensile strength of 650-800 MPa.

### Support and Services:

Our FeCrAl bar product comes with comprehensive technical support and services to ensure that you get the most out of your purchase. Our team of experts is available to answer any questions you may have about installation, operation, and maintenance of your FeCrAl bar product.

In addition, we offer a range of services to help you optimize the performance of your FeCrAl bar product, including:

- Customized product design and engineering
- Product testing and analysis
- On-site installation and commissioning
- Regular maintenance and inspection
- Rapid response technical support
- Training and education for your personnel

With our technical support and services, you can be confident that your FeCrAl bar product will deliver reliable and efficient performance for years to come.

**Packing and Shipping:**

**Product Packaging:**  
The FeCrAl Bar product will be packaged in a sturdy cardboard box to ensure safe handling during transportation. The box will be labeled with the product name, quantity, and any necessary handling instructions.

**Shipping:**  
The FeCrAl Bar product will be shipped via a reliable courier service to ensure timely and secure delivery. Shipping options will be provided at checkout, including standard and expedited shipping.

**FAQ:**

Brand Name: Victory

2. What is the model number of this product?  
Model Number: FeCrAl Bar/Rod

3. Where is this product manufactured?  
Place of Origin: China

4. What are the dimensions of the FeCrAl Bar/Rod?  
The dimensions of the FeCrAl Bar/Rod vary depending on the specific size ordered. Please refer to the product specifications for more information.

5. What are the typical applications for FeCrAl Bar/Rod?  
FeCrAl Bar/Rod can be used in a variety of applications, including heating elements, kilns, ovens, and other high-temperature applications.



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