



Corrosion Resistant Forged Square Bar Alloy Steel Bar Rod With Good Resistivity Of 1.45

Our Product Introduction

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Basic Information

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



Product Specification

- Corrosion Resistance: Excellent
- Material: FeCrAl
- Size: Customized
- Supply State: Rod
- Resistivity: 1.45
- Tensile Strength: 650-800 MPa
- Hardness: ≥ 200 HV
- Elongation: $\geq 12\%$
- Highlight: Forged Square Alloy Steel Bar Rod,
1.45 Alloy Steel Bar Rod,
Corrosion Resistant Alloy Steel Bar Rod



Product Description

Product Description:

With a tensile strength of 650-800 MPa, this FeCrAl Bar is strong and durable. It can withstand high temperatures of up to 1400°C, making it ideal for high-temperature applications. Its high-temperature resistance is due to the presence of chromium and aluminum, which form a protective oxide layer that prevents oxidation and corrosion.

The FeCrAl Bar has a resistivity of 1.45, which means it is highly resistant to electrical current. This makes it an excellent choice for use in electrical appliances, where it can conduct electricity without overheating or melting.

In addition to its high tensile strength, the FeCrAl Bar has a hardness of ≥ 200 HV. This makes it resistant to wear and tear, ensuring it can withstand heavy use for prolonged periods.

Overall, the FeCrAl Bar is an excellent choice for those who require a high-quality, durable, and reliable material for their heating elements, industrial furnaces, and electrical appliances. Whether you need a bright steel round bar, alloy steel bar, or flat stainless steel bar, the FeCrAl Bar is an excellent option.

Features:

Product Name: FeCrAl Bar

Surface Treatment: Bright, Oxidized, Polished

Resistivity: 1.45

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

Port: Shanghai, China

Elongation: $\geq 12\%$

Usage: Flat Iron Steel Bar, Bright Steel Round Bar, Bright Steel Round Bar

Technical Parameters:

Port	Shanghai, China
Size	Customized
Resistivity	1.45
Application	Heating Elements, Industrial Furnaces, Electrical Appliances
Hardness	≥ 200 HV
Material	FeCrAl
High Temperature Resistance	Up To 1400°C
Elongation	$\geq 12\%$
Thermal Expansion	8.2-9.2 $\mu\text{m/mK}$
Supply State	Rod

Applications:

The FeCrAl Bar/Rod is made of high-quality materials and is designed to provide excellent performance in high-temperature environments. The product is made of bright steel round bar or forged square bar, which makes it highly durable and resistant to wear and tear. The flat iron steel bar is also highly resistant, which makes it suitable for use in challenging environments.

The Victory FeCrAl Bar/Rod is designed for use in a wide range of applications. It is commonly used in the production of industrial furnaces, electrical heating elements, and other high-temperature applications. The product's high resistance to heat makes it an excellent choice for use in ovens, kilns, and other high-temperature environments.

The product's high nickel content (80%) makes it highly resistant to corrosion and oxidation, which makes it suitable for use in harsh environments. The product's resistivity is 1.45, which makes it ideal for use in electrical heating elements.

The Victory FeCrAl Bar/Rod's thermal expansion properties are also excellent, with a range of 8.2-9.2 $\mu\text{m/mK}$. This makes it highly resistant to thermal shock and suitable for use in high-temperature environments.

The Victory FeCrAl Bar/Rod has a tensile strength of 650-800 MPa, which makes it highly durable and suitable for use in challenging environments. The product is also highly resistant to wear and tear, which makes it an excellent choice for use in high-stress applications.

The Victory FeCrAl Bar/Rod is designed for use in a wide range of applications. Its high-temperature resistance makes it suitable for use in industrial furnaces, ovens, kilns, and other high-temperature environments. Its excellent thermal expansion properties make it highly resistant to thermal shock, which makes it suitable for use in high-stress applications.

The Victory FeCrAl Bar/Rod is made in China and is of high quality. Its excellent properties make it a popular choice among customers in various industries.

Customization:

Our product customization services for the Victory FeCrAl Bar/Rod from China are designed to meet your unique needs and requirements. Whether you need a Flat Iron Steel Bar, Alloy Steel Bar, or Bright Steel Flat Bar, we can customize the product to suit your needs.

Our FeCrAl Bar/Rod has high temperature resistance, up to 1400°C, and an elongation of $\geq 12\%$. It is supplied in rod form and has a thermal expansion of 8.2-9.2 $\mu\text{m/mK}$. We offer customization options for the FeCrAl Bar/Rod's dimensions, surface treatment, and packaging. We can also provide additional testing and inspection services to ensure the product meets your quality standards. The FeCrAl Bar/Rod is shipped from the port of Shanghai, China. Contact us today to learn more about our product customization services and how we can meet your needs.

Support and Services:

The FeCrAl bar is a high temperature alloy bar that is designed to withstand extreme temperatures and harsh environments. Our technical support team is available to assist with any questions or concerns regarding the performance or installation of the FeCrAl bar. We also offer various services to ensure that our customers are getting the most out of their FeCrAl bar, including:

Custom cutting and sizing

Heat treatment and annealing

Material testing and analysis

Product development and prototyping

Technical consulting and on-site support

Our goal is to provide our customers with the highest quality products and services to meet their specific needs. Contact us today to learn more about our FeCrAl bar and how we can assist you.

Packing and Shipping:

Product Packaging:

The FeCrAl Bar product will be packaged in a sturdy cardboard box to ensure safe delivery. The product will be wrapped in protective material to prevent any damage during transit. The packaging will also include a label with product information and handling instructions.

Shipping:

The FeCrAl Bar product will be shipped via a reputable courier service. The delivery time will depend on the destination, but we will ensure that the product is dispatched promptly after receiving the order. The customer will receive a tracking number via email so they can track the delivery status of their order.

FAQ:

Q1: What is the brand name of this product?

A1: The brand name of this product is Victory.

Q2: What is the model number of this product?

A2: The model number of this product is FeCrAl Bar/Rod.

Q3: Where is this product manufactured?

A3: This product is manufactured in China.

Q4: What is the material composition of this product?

A4: This product is made of FeCrAl alloy, which is a high-resistance alloy made of iron, chromium, and aluminum.

Q5: What are the typical applications of this product?

A5: This product is commonly used in heating elements, furnace parts, and industrial furnaces due to its high resistance to oxidation and corrosion.



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