



Hardness HRC 30-40 Hastelloy Bar Ideal Solution for Industrial Challenges

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Hastelloy Bar



Product Specification

- Corrosion Resistance: Excellent
- Weldability: Good
- Material: Hastelloy
- Magnetic Properties: Non-magnetic
- Hardness: HRC 30-40
- Yield Strength: 310 MPa
- Heat Resistance: High
- Machinability: Difficult
- Highlight: **Industrial Hastelloy Bar,
HRC 30-40 Hastelloy Bar,
Industrial Challenges Hastelloy Bar**

Product Description

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One of the key benefits of the Hastelloy Bar product is its exceptional resistance to corrosion. This makes it an ideal choice for use in chemical processing, aerospace, marine, and nuclear applications, where exposure to corrosive materials is common. The alloy is also highly resistant to pitting, crevice corrosion, and stress corrosion cracking, which can help to extend the lifespan of the product and reduce maintenance requirements.

The Hastelloy Bar product has a melting point that ranges from 1350-1400°C, which makes it highly resistant to high temperatures. This property makes it an ideal choice for use in high-temperature applications, such as in the chemical processing industry, where exposure to high heat is common. The alloy also has excellent thermal stability, which helps it to maintain its properties even at high temperatures. Another key benefit of the Hastelloy Bar product is its non-magnetic properties. This makes it an ideal choice for use in applications where magnetic interference could be a problem, such as in aerospace, marine, and nuclear applications. The alloy is also highly ductile, with an elongation of 40%, which makes it easy to work with and form into the desired shape.

Finally, the Hastelloy Bar product has good weldability, which makes it easy to join together with other materials. This property makes it an ideal choice for use in a variety of applications, where welding is necessary for the construction of complex structures.

In conclusion, the Hastelloy Bar product is an excellent choice for those looking for a high-performance alloy that provides exceptional corrosion resistance, high-temperature resistance, non-magnetic properties, and good weldability. Whether for use in chemical processing, aerospace, marine, nuclear, or other applications, the Hastelloy Bar product is a reliable and versatile choice.

Applications:

The Victory Hastelloy Bar is commonly used in chemical processing, pharmaceuticals, aerospace, and marine industries, where the product's unique properties are highly valued. The density of the Hastelloy Bar is 8.22 G/cm³, which makes it lightweight and easy to handle. The elongation of 40% ensures that the product can withstand high pressure and mechanical stress without cracking or breaking. The Victory Hastelloy Bar is available in a bar shape, which makes it easy to cut and shape according to the specific application requirements. However, the machinability of the Hastelloy Bar is difficult, which means that specialized equipment and techniques are required for processing the product.

One of the key advantages of the Victory Hastelloy Bar is its high melting point of 1350-1400°C, which makes it suitable for applications that require exposure to extreme temperatures. The Hastelloy Bar is also highly resistant to corrosion and oxidation, which makes it ideal for use in harsh environments that involve exposure to chemicals, acids, and other corrosive substances.

The Victory Hastelloy Bar is widely used in the production of chemical reactors, heat exchangers, pipelines, and other critical components that require exceptional resistance to corrosion and mechanical stress. In the aerospace industry, the Hastelloy Bar is used to manufacture engine components, landing gears, and other parts that require high strength and durability. In the marine industry, the Hastelloy Bar is used for seawater applications that involve exposure to saltwater and other corrosive substances.

In summary, the Victory Hastelloy Bar is a versatile and reliable product that is widely used in various industries. Its unique properties make it ideal for critical applications that require exceptional resistance to corrosion, high-temperature durability, and strength. The Hastelloy Bar is available in two models, Hastelloy C22 Bar and Hastelloy C276 Bar, that differ in their chemical composition and properties. Manufactured in China, the Victory Hastelloy Bar is a cost-effective and high-performance solution for applications that demand the best.

Customization:

The Hollow Round Bar design of our Hastelloy C276 Bar makes it suitable for Chemical Processing, Aerospace, Marine, Nuclear, and other industries that require high-performance materials. Our products are all sourced from China, ensuring top-quality materials at competitive prices.

In addition to our standard product options, we offer customizations to meet your exact specifications. Contact us today to learn more about how we can help you customize your Victory Hastelloy Bar to meet your unique needs and requirements.

Support and Services:

Hastelloy Bar is a high-performance alloy that offers excellent resistance to corrosion and oxidation in harsh environments. Our product technical support team is available to assist with any questions or concerns regarding the properties and applications of Hastelloy Bar. We offer a wide range of services, including material testing and analysis, machining and fabrication recommendations, and custom alloy development. Our team of experts is dedicated to ensuring that our customers have the best possible experience with our products and are able to achieve their desired outcomes. Contact us today to learn more about our technical support and services for Hastelloy Bar.

Packing and Shipping:

Product Packaging: The Hastelloy Bar product will be packaged in a sturdy wooden crate to ensure maximum protection during transportation and storage. Shipping: We ship our products worldwide via reputable shipping companies. The shipping costs will be calculated based on the weight and dimensions of the package, as well as the destination.

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 for this product?
A: The model number for this product is Hastelloy Bar.

Q: Where is this product manufactured?
A: This product is manufactured in China.
Q: What are the dimensions of this product?
A: The dimensions of this product will vary depending on the specific size ordered. Please refer to the product specifications for more information.
Q: What is the material composition of this product?
A: This product is made of Hastelloy, which is a nickel-based alloy with high corrosion resistance.



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