



310 MPa Yield Strength Hastelloy Bar With Good Weldability And Difficult Machinability

Our Product Introduction

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Basic Information

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



Product Specification

- Elongation: 40%
- Magnetic Properties: Non-magnetic
- Tensile Strength: 690 MPa
- Density: 8.22 G/cm³
- Corrosion Resistance: Excellent
- Size: Customizable
- Applications: Chemical Processing, Aerospace, Marine, Nuclear, Etc.
- Yield Strength: 310 MPa
- Highlight: **Good Weldability Hastelloy Bar,
Difficult Machinability Hastelloy Bar,
310 MPa Yield Strength Hastelloy Bar**



Product Description

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One of the key attributes of the Hastelloy Bar is its excellent weldability, making it a popular choice for applications that require joining or fabrication. Its elongation of 40% also ensures that the material can withstand deformation without cracking or breaking.

The hardness of the Hastelloy Bar ranges from HRC 30-40, providing a good balance between strength and machinability. It is suitable for a wide range of applications, including chemical processing, aerospace, and marine engineering.

The size of the Hastelloy Bar is customizable to meet specific project requirements. Whether you need small or large diameter bars, the Hastelloy Bar can be cut to size and machined to your exact specifications.

The density of the Hastelloy Bar is 8.22 G/cm³, making it relatively lightweight compared to other metals. This attribute makes it an attractive choice for applications where weight is a concern.

In summary, the Hastelloy Bar is a versatile and reliable material that offers excellent corrosion resistance, weldability, and machinability. Whether you need it for chemical processing, aerospace, or marine engineering, the Hastelloy Bar can be customized to meet your specific needs. Contact us today to learn more about the Hastelloy Bar and how it can benefit your project.

Applications:

The Hastelloy Bar is primarily used in high-temperature applications where resistance to corrosion and oxidation is essential. It is also used in chemical processing and other harsh industrial environments due to its excellent resistance to a wide range of chemicals, including sulfuric acid, hydrochloric acid, and chlorine gas.

The Victory Hastelloy Bar is available in a range of sizes and shapes, including hollow round bar, which is commonly used in the creation of heat exchangers and other high-temperature equipment. Its non-magnetic properties make it an excellent choice for equipment used in environments where magnetic interference is a concern.

While the Victory Hastelloy Bar is known for its excellent heat resistance and resistance to corrosion, it is important to note that this product can be difficult to machine due to its hardness and toughness. This means that it may require specialized machining techniques and tools to achieve the desired results.

Some of the common application occasions and scenarios for the Victory Hastelloy Bar include:

Chemical Processing: Due to its excellent resistance to a wide range of chemicals, including sulfuric acid, hydrochloric acid, and chlorine gas, the Victory Hastelloy Bar is often used in chemical processing applications.

Heat Exchangers: The hollow round bar shape of the Hastelloy Bar makes it an ideal choice for use in the creation of heat exchangers and other high-temperature equipment.

Aerospace Industry: The high heat resistance and corrosion resistance of the Victory Hastelloy Bar make it an excellent choice for use in the aerospace industry, where it is used in a variety of applications, including engines and fuel systems.

Oil and Gas Industry: The Victory Hastelloy Bar is also commonly used in the oil and gas industry, where it is used in drilling equipment, valves, and other high-temperature and corrosive environments.

In conclusion, Victory's Hastelloy Bar is an excellent choice for applications that require high heat resistance, corrosion resistance, and resistance to a wide range of chemicals. While it may be difficult to machine, its superior performance and durability make it a popular choice in many industries, including chemical processing, aerospace, and oil and gas.

Support and Services:

Our Hastelloy Bar product is designed to provide high resistance to corrosion and excellent mechanical strength under extreme conditions. We offer technical support and services to ensure our customers can optimize the use of our product in their specific applications.

Our technical support team is available to provide assistance with material selection, product specifications, and application recommendations. We also offer testing and analysis services to ensure the product meets the required standards and specifications.

Our services include custom cutting, machining, and fabrication to meet the unique needs of our customers. We also offer packaging and shipping services to ensure the product is delivered safely and securely.

At [company name], we are committed to providing high-quality products and reliable technical support and services to our customers.

Packing and Shipping:

Product Packaging:

The Hastelloy Bar product will be packaged in a sturdy, moisture-resistant container to ensure safe delivery. The container will be labeled with the product name, dimensions, weight, and any other important information.

Shipping:

The product will be shipped via a reputable carrier that specializes in handling industrial materials. Customers can choose from a variety of shipping options to fit their specific needs and budget. Shipping costs will be calculated based on the destination and weight of the product.



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