



## HRB 95 Hardness Bright Surface Hastelloy Plate For Corrosion Resistance

Our Product Introduction

for more products please visit us on [victory-alloy.com](http://victory-alloy.com)

### Basic Information

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



### Product Specification

- Hardness: HRB 95
- Surface: Bright,Oxided
- Coefficient Of Thermal Expansion: 12.4  $\mu\text{m/m}^\circ\text{C}$
- Grade: B-2,b-3,c-22,c276,c4
- Temperature Range: 1260~1355 $^\circ\text{C}$
- Standard: SB622 / SB619 / SB626 / SB366 / SB564
- Heat Resistance: High
- Type Of Material: Nickel-molybdenum Alloy
- Highlight: **Bright Surface Hastelloy Plate,  
Corrosion Resistance Hastelloy Plate,  
HRB 95 Hardness Hastelloy Plate**

## Product Description

### Product Description:

The grades of the Hastelloy Material include B-2, B-3, C-22, C276, and C4. Each of these grades has unique properties that make them suitable for different applications. For example, B-2 and B-3 are ideal for use in chemical processing, while C-22 and C276 are commonly used in the manufacture of Hastelloy Pipe.

The temperature range of the Hastelloy Alloy is between 1260~1355°C. This makes it an excellent choice for high-temperature applications, such as furnaces and boilers. Additionally, the material has excellent resistance to corrosion, making it suitable for use in harsh environments, such as chemical plants and offshore oil rigs.

The Hastelloy Alloy is available in a range of price terms, including Ex-Work, FOB, CNF, CFR, CIF, FCA, DDP, and DDU. This provides customers with flexibility when it comes to purchasing the material.

Finally, it is worth noting that the Hastelloy Alloy is equivalent to other materials, such as UNS N10276 and Hastelloy C276. This means that customers can choose from a range of options when it comes to selecting the right material for their application.

### Features:

Product Name: Hastelloy Alloy

Packing: Standard Export Packing

Raw Materials: NI Rem%, CR20-22.5%, MO12.5-14.5%

Alloy Type: Cobalt-based Reinforced Superalloy

Heat Resistance: High

Equal Grade: UNS N10276, Hastelloy C276

Other Grades: Hastelloy C 22, Hastelloy C 276

Used for: Hastelloy Pipe

### Technical Parameters:

Raw Materials	NI Rem%, CR20-22.5%, MO12.5-14.5%
Powder Or Not	Not Powder
Temperature Range	1260~1355°C
Heat Resistance	High
Price Term	Ex-Work, FOB, CNF, CFR, CIF, FCA, DDP, DDU
Type Of Material	Nickel-molybdenum Alloy
Standard	SB622 / SB619 / SB626 / SB366 / SB564
Yield Strength	350 MPa
Coefficient Of Thermal Expansion	12.4 $\mu\text{m}/\text{m}^\circ\text{C}$
Grade	B-2,b-3,c-22,c276,c4

This product is a Nickel-molybdenum Alloy with high heat resistance, which is suitable for Alloy Parts. It is not a Powder material and has a temperature range of 1260~1355°C. The standard of this material is SB622 / SB619 / SB626 / SB366 / SB564 and has a yield strength of 350 MPa. The coefficient of thermal expansion is 12.4  $\mu\text{m}/\text{m}^\circ\text{C}$ . Additionally, it can be purchased with price terms of Ex-Work, FOB, CNF, CFR, CIF, FCA, DDP, DDU. This product is a good alternative to Invar Alloy and FeCrAl Alloy.

### Applications:

The Victory Hastelloy Alloy is a type of cobalt-based reinforced superalloy that is widely used in various industries due to its excellent corrosion resistance, high-temperature strength, and outstanding mechanical properties. The material is manufactured in China and is equivalent to UNS N10276 and Hastelloy C276.

The Victory Hastelloy Alloy is commonly used in high-temperature applications like furnaces, gas turbines, and chemical processing plants. This material is highly resistant to corrosion, making it an ideal choice for harsh environments. The Hastelloy Alloy can withstand extreme temperatures and pressures, making it a popular choice for the aerospace and defense industries.

The Victory Hastelloy Alloy is also used in the medical industry, especially for the production of Invar alloys. Invar is a type of nickel-iron alloy that has a very low coefficient of thermal expansion and is used in precision instruments. The Hastelloy Alloy is used to reinforce the Invar alloy, making it more durable and resistant to corrosion.

The Victory Hastelloy Alloy is available in different grades like B-2, b-3, c-22, c276, and c4. Each of these grades has unique properties that make them suitable for specific applications. The material is not in powder form and comes in standard export packing.

The Victory Hastelloy Alloy is commonly used in various scenarios like chemical processing plants, oil and gas refineries, power plants, and aerospace industries. The material is also used in the production of surgical instruments and implants due to its high biocompatibility.

### Support and Services:

Hastelloy Alloy is a group of several corrosion-resistant alloys that are commonly used in extreme environments where other metals

would fail. These alloys are mainly composed of nickel, molybdenum, and chromium, and are known for their exceptional resistance to a wide range of chemicals, including strong acids, chlorides, and sulfuric acid.

Our technical support and services for Hastelloy Alloy products include:

Expert consultation on the selection and use of the appropriate alloy for your specific application

Assistance with alloy fabrication, welding, and joining processes

Recommendations for optimal processing and heat treatment conditions

Testing and analysis of alloy properties and performance in various environments

Product training and education on the properties, benefits, and limitations of Hastelloy Alloy

Customized solutions and application-specific alloy development

Our team of experienced professionals is dedicated to providing reliable technical support and services to ensure the successful performance of Hastelloy Alloy products in your application.

## Packing and Shipping:

Product Name: Hastelloy Alloy

Product Description: Hastelloy Alloy is a nickel-chromium-molybdenum alloy that is highly resistant to corrosion and oxidation. It is commonly used in chemical processing, aerospace, and marine engineering.

Package Contents: The Hastelloy Alloy product will be packaged securely in a wooden crate to ensure safe transportation.

Shipping: The product will be shipped via air or sea freight depending on the customer's preference. Shipping fees will be calculated based on the destination and weight of the product.

## FAQ:

**Q:** What is the brand name of this alloy?

**A:** The brand name of this alloy is Victory.

**Q:** What is the model number of this alloy?

**A:** The model number of this alloy is Hastelloy Alloy.

**Q:** Where is this alloy produced?

**A:** This alloy is produced in China.

**Q:** What are the main uses of this alloy?

**A:** Hastelloy Alloy is commonly used in industries such as chemical processing, aerospace, and marine engineering due to its high resistance to corrosion and ability to withstand extreme temperatures and pressures.

**Q:** Is this alloy suitable for use in high-stress environments?

**A:** Yes, Hastelloy Alloy is known for its high strength and durability, making it suitable for use in high-stress environments.



**Changzhou Victory Technology Co., Ltd**



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu