



## C276 C22 C4 Nickel Round Rod Hastelloy Bar For Chemical Industry

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
- Certification: CE,ROHS,ISO 9001
- Model Number: HC-276,C-22,C-4,B2,B3,N
- Minimum Order Quantity: 5 Kg
- Price: 5 - 499 kilograms \$40.00
- Packaging Details: Wooden case or according to your requirement . Special packaging requirements can also be accommodated. OEM is also acceptable.
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



### Product Specification

- Product Name: Hastelloy Alloy Bar
- Material: Ni Cr Mo
- Ni (Min): 54%
- Resistance ( $\mu\Omega\cdot m$ ): 1.15
- Powder Or Not: Not Powder
- Ultimate Strength ( $\geq MPa$ ): 790
- Elongation ( $\geq \%$ ): 30%
- Electrical Density (g/m<sup>3</sup>)  
Resistivity 24 : 8.4g/cm<sup>3</sup>
- Hardness: 255
- Surface: Bright,Oxided
- Size: Customized Size
- Application: Aerospace Industry,Chemical Industry,Marine Industry
- Highlight: C276 Hastelloy Bar, C4 Nickel Round Rod



### More Images



### Product Description

Our Product Introduction



## HASTELLOY ALLOY BAR

HC-276, C-22, C-4, B2, B3, N

Customized service available

Hastelloy is a nickel-based corrosion-resistant alloy, which is mainly divided into two categories: nickel-chromium alloy and nickel-chromium-molybdenum alloy. Hastelloy has good corrosion resistance and thermal stability, and is mostly used in aviation, chemical fields, etc.

Hastelloy is composed of elements such as Ni, Cr, Mo, Fe, Si, etc. It is Ni-Mo series, Ni-Cr-Mo series and Ni-Si series corrosion-resistant and heat-resistant alloys in nickel-based alloys. Its density 9.2g/cm, melting point 1330-1380°C, magnetic permeability  $\leq 1.001$  (°C, RT).

Hastelloy grades: Hastelloy C276, Hastelloy C22, Hastelloy C-2000, Hastelloy C-4, Hastelloy C, Hastelloy B, Hastelloy B-2, Hastelloy B-3, Hastelloy X, Hastelloy G-30, Hastelloy G-35, etc. UNS N10276, UNS N06022, UNS N06200, UNS N10665, UNS N10675, UNS N06030, UNS N06002, etc. Hastelloy seamless pipes, steel plates, round bars, forgings, flanges, H-rings, welded pipes, steel strips, straight bars, wires and supporting welding consumables, processed parts, etc.

item	HC-276	C-22	C-4	B2	B3	
C	$\leq 0.01$	$\leq 0.015$	$\leq 0.015$	$\leq 0.02$	$\leq 0.01$	0.0
Mn	$\leq 1$	$\leq 0.5$	$\leq 1$	$\leq 1$	$\leq 3$	
Fe	4-7	2-6	$\leq 3$	$\leq 2$	$\leq 1.5$	
P	$\leq 0.04$	$\leq 0.02$	$\leq 0.04$	$\leq 0.04$	--	$\leq$
S	$\leq 0.03$	$\leq 0.02$	$\leq 0.03$	$\leq 0.03$	--	:
Si	$\leq 0.08$	$\leq 0.08$	$\leq 0.08$	$\leq 0.1$	$\leq 0.1$	
Ni	rest	rest	rest	rest	$\leq 65$	
Co	$\leq 2.5$	$\leq 2.5$	$\leq 2$	$\leq 1$	$\leq 3$	
Ti+Cu	--	--	$\leq 0.7$	--	$\leq 0.4$	:
Al+Ti	--	--	--	--	$\leq 0.5$	
Cr	14.5-16.5	20-22.5	14-18	$\leq 1$	$\leq 1.5$	
Mo	15-17	12.5-14.5	14-17	26-30	$\leq 28.5$	.
B	--	--	--	--	--	:
W	3-4.5	2.5-3.5	--	--	$\leq 3$	
V	$\leq 0.35$	$\leq 0.35$	--	0.2-0.4	--	

## Product Details

High-quality materials and surface treatment technology



Metallic Luster



Smooth Edges



## Product Comparison

The quality of our products has been strictly tested and guaranteed



OTHERS



Smooth And Shiny Surface



Product Surface Rust

VS



Product Quality Strict Inspection



Product Weight Does Not Match

VS

## Application Field

Hastelloy alloy bars are widely used in many fields



Chemical Field



Oil Field



Gas Field



Energy Field



Device Field



Automobile Manufacturing



Aerospace Field



Shipbuilding Field

**Hastelloy alloy strip is a thin metal strip made of nickel, cobalt, chromium, and other metal alloys, commonly used in the following application areas:**

1. Chemical processing: Hastelloy bars are used in chemical processing plants due to their excellent resistance to corrosion and high-temperature environments. They are used in applications such as reactors, heat exchangers, and piping systems.
2. Aerospace: Hastelloy bars are used in aerospace applications such as gas turbine engine components, exhaust systems, and heat exchangers due to their excellent high-temperature resistance and strength.
3. Oil and gas: Hastelloy bars are used in the oil and gas industry due to their excellent resistance to corrosion and high-temperature environments. They are used in applications such as downhole tubulars, wellhead components, and offshore platforms.
4. Power generation: Hastelloy bars are used in power generation applications such as boilers and steam generators due to their excellent resistance to high-temperature and high-pressure environments.
5. Marine: Hastelloy bars are used in marine applications due to their excellent resistance to corrosion in seawater environments. They are used in applications such as seawater cooling systems, desalination plants, and offshore oil platforms.
6. Nuclear: Hastelloy bars are used in nuclear applications due to their excellent resistance to corrosion, high-temperature environments, and radiation. They are used in applications such as nuclear reactors and fuel processing plants.

## PRODUCT

# Product Process

The production process and technology used in the product



1 Raw Material



2 Sintering



3 Thermal Processing



4 Cold Working



5 Length Cutting



6 Surface Treatment



7 Inspecting



8 Packaging

## PRODUCT

# Product Comparison

The quality of our products has been strictly tested and guaranteed



Composition Detection



Composition Detection



Measuring Instrument



Micro Hardness Tester



Micro Hardness Tester



Tensile Test Equipment



## OEM Services

We can provide customized services for customers

### Product Customization

**Size: 8.0-200mm**

We can customize hastelloy alloy bars of different size for customers.



### Label Customization



We can provide label customization service for customers' products.

## Recommended Products

Click to learn more about related products



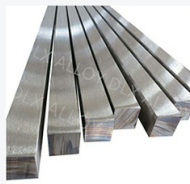
Nickel Strip



Nickel Wire



Monel Bar



Inconel Bar



Incoloy Tube



Nickel Tube

**20+**

Industry Experience

**50+**

Certifications

**1000+**

Metal Products

**2000+**

Cooperative Business

## Company Profile

We are a leading alloy metal manufacturer founded in 2002, providing high-quality and high-performance alloy products and services to our customers. Our company is dedicated to becoming the industry leader in the alloy field, and we have received multiple industry certifications and awards, including the ISO9001 International Quality Management System Certificate and the SGS Certificate.

Over the past 18 years, we have focused on the resistance alloy business and continuously innovated and explored, ultimately developing new nickel-based alloy products such as chromium-nickel-iron alloy, Monel alloy, Hastelloy alloy, high-temperature alloy, and more.



## Our Advantages

Our advantages can provide customers with better service



HIGH QUALITY



SUPER  
ELASTICITY



HIGH STRENGTH



BRAND EFFECT



PROFESSIONAL  
FACTORY



TECHNICAL  
SUPPORT



R&D INNOVATION  
SERVICES



AFTER-SALES  
SERVICE



ISO  
CERTIFICATION



EFFICIENT  
LOGISTICS SERVICE

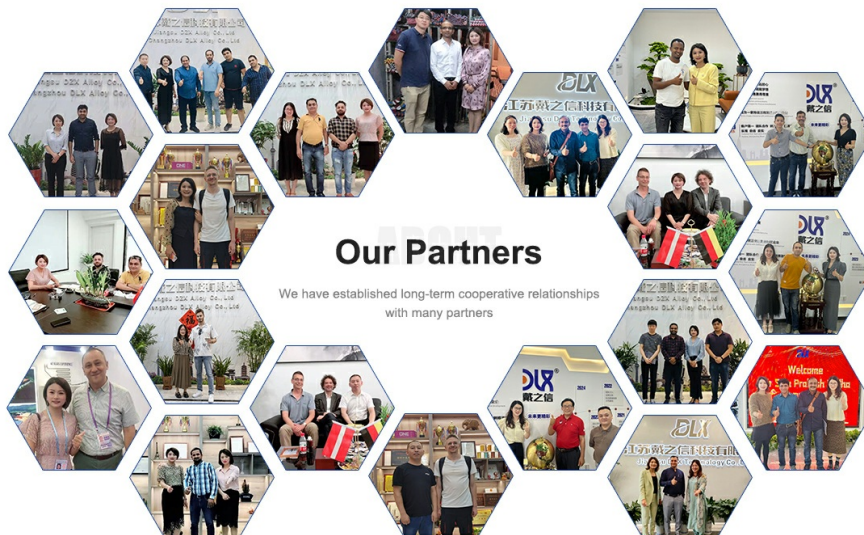
## Our Certifications

Our products have obtained national standard certification



## Our Partners

We have established long-term cooperative relationships  
with many partners



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