



Corrosion Resisting Incoloy Alloy 825/800 Nickel Alloy Round Bar For Aerospace

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO9001, ROHS
- Model Number: Incoloy 800, 800H, 800HT, 825, 925
- Minimum Order Quantity: 5 Kg
- Price: 50 - 499 kilograms \$36.00
- Packaging Details: Incoloy bar is packed into wooden cases. Special packaging requirements can also be accommodated. OEM is also acceptable
- Delivery Time: 7-20 Days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Product Name: Nickel Alloy Round Bar
- Material: Iron Nickel Material
- Ni (Min): 72%
- Resistance ($\mu\Omega\cdot m$): 1.15
- Ultimate Strength (\geq MPa): 965
- Elongation (\geq %): 30
- Density: 8.2 G/cm³
- Powder Or Not: Not Powder
- Surface: Bright, Oxided
- Application: Construction, Industry
- Size: Customized Size
- Service: OEM/ODM
- Highlight: Corrosion Resisting Incoloy Alloy 825, Aerospace Incoloy Alloy 800



More Images



Product Description

Our Product Introduction



INCOLOY BAR

Incoloy 800,800H,800HT,825,925

Customized service available

Nickel Alloy Incoloy 800h Bar

Incoloy 800HT has excellent resistance in chemicals containing sulfuric acid, and has good resistance to environments containing chlorides, phosphoric acid and nitric acid. It contains niobium for stabilization against sensitization and resultant intergranular corrosion. It also has good mechanical properties and fabricability.

Incoloy800H is a kind of austenitic heat-resistant alloy which is widely used in high-pressure structures at high temperature. The high strength of 800H alloy is mainly due to the addition of carbon, aluminum and titanium, and annealing at the lowest temperature of 1149 ° c to reach the grain size of ASTM5 or coarser. It has excellent corrosion resistance, stress corrosion resistance and processability in extremely high temperature water-based media up to 500 °C.

Item	800	800H	800HT	825	925
C	≤0.1	0.05-0.1	0.06-0.1	≤0.05	≤0.05
Mn	≤1.5	≤1.5	≤1.5	≤1	≤1
Fe	rest	rest	rest	rest	rest
P	--	--	--	≤0.02	≤0.02
S	≤0.015	≤0.015	≤0.015	≤0.03	≤0.03
Si	≤1	≤1	≤1	≤0.5	≤0.5
Cu	≤0.75	≤0.75	≤0.75	1.5-3	1.5-3
Ni	30-35	30-35	30-35	38-46	42-50
Al	0.15-0.6	0.15-0.6	0.15-0.6	0.2-1	0.15-0.6
Ti	0.15-0.6	0.15-0.6	0.15-0.6	0.6-1.2	1.9-3.5
Cr	19-23	19-23	19-23	19.5-23.5	19.5-23.5
Mo	--	--	--	2.5-3.5	2.5-3.5

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



Product Quality Strict Inspection



Product Weight Does Not Match

Application Field

Incoloy bars are widely used in many fields



Chemical Industry



Oil Field



Gas Field



Nuclear Industry



Device Field



Electronics Industry



Automotive Field



Food Processing

Incoloy is a family of high-performance nickel-chromium alloys that are known for their excellent resistance to corrosion, high temperature and pressure, and good mechanical properties. Incoloy bars are commonly used in a variety of applications, including:

1. Aerospace: Incoloy bars are used in a variety of aerospace applications, such as gas turbine engine components, exhaust systems, and heat exchangers.
2. Chemical processing: Incoloy 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 heat exchangers, reactors, and piping systems.
3. Oil and gas: Incoloy 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: Incoloy 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. Food processing: Incoloy bars are used in the food processing industry due to their resistance to corrosion and ability to withstand high-temperature cleaning processes. They are used in applications such as heat exchangers and processing equipment.

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

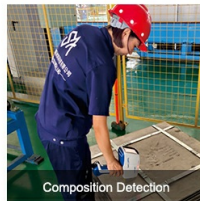
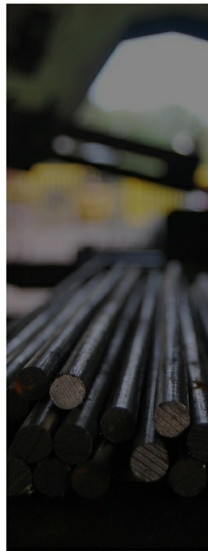


8 Packaging

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 incoloy 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



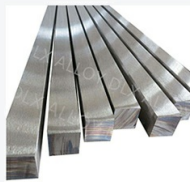
Nickel Strip



Nickel Wire



Monel Bar



Inconel Bar



Hastelloy Alloy Tube



Nickel Tube

20+

Industry Experience

50+

Certifications

1000+

Metal Products

2000+

Cooperative Business

Company Profile

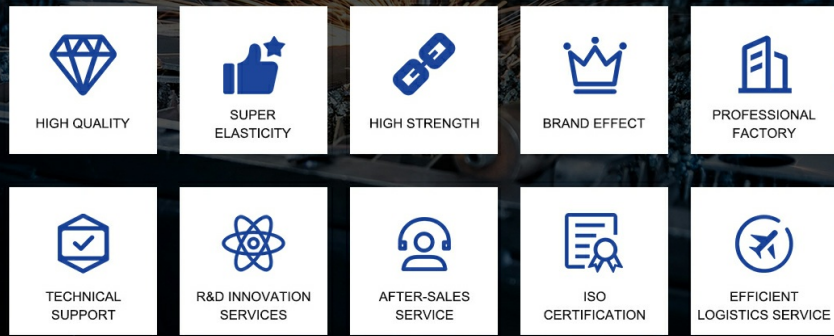
We are a leading alloy metal manufacturer founded in 2002, providing high-quality and high-performance alloy products and services to our customers. Our company is dedicated to becoming the industry leader in the alloy field, and we have received multiple industry certifications and awards, including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



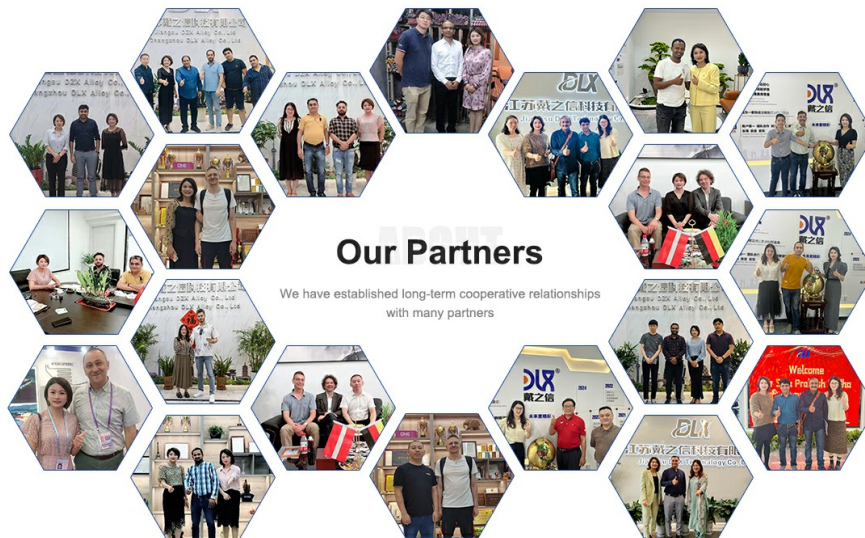
Our Certifications

Our products have obtained national standard certification



Our Partners

We have established long-term cooperative relationships with many partners



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