



825 Incoloy Bar N08825 Rod 2.4858 NS142 Bar Nickel Alloy Rod Round Bar

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: 825 Incoloy Bar, N08825 Rod



More Images



Product Description

Our Product Introduction



INCOLOY BAR

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

Customized service available

Prime Quality Incoloy 825 Bar N08825 Rod 2.4858 NS142 Bar Nickel Alloy Rod Round Bar

Some common applications for Incoloy rods include:

1.Heat Exchangers: Incoloy 800 rods are used in heat exchangers for their ability to withstand high temperatures and resist corrosion. They are commonly employed in the petrochemical, chemical processing, and power generation industries.

2.Furnace Components: Incoloy 800 rods are utilized in furnace components such as radiant tubes, muffles, and heating elements. These rods can withstand the high temperatures and corrosive atmospheres present in heat-treating furnaces and industrial furnaces.

3.Power Generation: Incoloy 800 rods are employed in power generation facilities, including thermal power plants. They are used in applications such as superheater tubing, boiler components, and steam generator tubes due to their high-temperature resistance and corrosion resistance.

4.Petrochemical Industry: Incoloy 800 rods find applications in the petrochemical industry for equipment and components that handle corrosive chemicals and high-temperature environments. They are used in reactors, piping systems, and other process equipment.

5.Chemical Processing: Incoloy 800 rods are utilized in chemical processing applications where resistance to corrosive chemicals and high temperatures is required. They are used in equipment such as reactors, heat exchangers, and piping systems.

6.Aerospace Industry: Incoloy 800 rods are used in certain aerospace applications that involve high-temperature environments, such as aircraft engine components and exhaust systems.

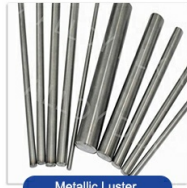
7.Thermal Processing Equipment: Incoloy 800 rods are employed in various thermal processing equipment, including annealing furnaces, salt bath furnaces, and heat-treating equipment. Their high-temperature resistance and oxidation resistance make them suitable for these applications.

8.Food Processing: Incoloy 800 rods are sometimes used in food processing equipment that requires resistance to high temperatures and corrosion. They can be found in ovens, industrial baking equipment, and heat treatment systems.

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	1.9-2.5
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



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:

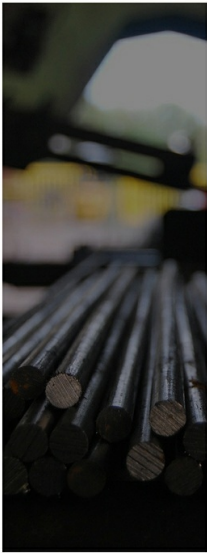
1. Aerospace: Incoloy bars are used in a variety of aerospace applications, such as gas turbine engine components, exhaust systems, and heat exchangers.
2. Chemical processing: Incoloy bars are used in chemical processing plants due to their excellent

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 Comparison

The quality of our products has been strictly tested and guaranteed



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



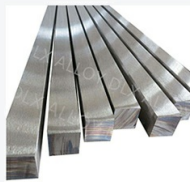
Nickel Strip



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



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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