



Anti Corrosion Monel 400 Round Bar Bright Oxided Surface

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Monel 400
- Minimum Order Quantity: 5 Kg
- Price: 2 - 49 kilograms \$45.00
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Product Name: Monel 400 Bar
- Material: Nickle Alloy Material
- Ni (Min): 63%
- Resistance ($\mu\Omega\cdot m$): Stable
- Powder Or Not: Not Powder
- Ultimate Strength (\geq MPa): 690
- Elongation (\geq %): 40
- Melting Point: 1370-1425
- Application: Aerospace Industry, Chemical Industry, Marine Industry
- Surface: Bright, Oxided
- Size: Customized Size
- Service: OEM\ODM
- Highlight: Monel 400 Round Bar, Anti Corrosion Monel 400 Bar, Bright Monel 400 Bar



More Images



Product Description

Anti Corrosion Monel 400 Round Bar Factory Supplier

Introduction:

- 1) Monel 400 bar is a nickel-copper alloy bar renowned for its exceptional corrosion resistance properties. It offers excellent resistance to a wide range of corrosive environments, including seawater, acids, and alkalis.
- 2) Monel 400 bar is widely used in marine, chemical processing, and oil and gas industries, where its resistance to corrosion is crucial.
- 3) With its high strength and good ductility, Monel 400 bar is suitable for applications such as pump shafts, valves, and fasteners, providing reliable performance even in demanding conditions. Its corrosion resistance and mechanical properties make it a popular choice for various industries.
- 4) Monel 400 bar exhibits remarkable corrosion resistance and mechanical strength, making it a preferred material for many applications. Its resistance to corrosion in harsh environments, such as

Our Product Introduction

seawater and acids, sets it apart.

5) Monel 400 bar finds wide application in marine, chemical processing, and oil and gas industries. It is commonly used in components like pump shafts, valves, and fasteners, where its combination of corrosion resistance and mechanical strength ensures reliable performance.

Monel 400 bar is a versatile material that delivers optimal results across diverse industries.

Parameter:

Item	Ni	Cu	Fe	Mn	C	Si
Monel 400	≥63	28-34	≤2.5	≤2	≤0.3	≤0.5

Item	Density	Melting point	Tensile Strength	Yield Strength	Elongation
Monel 400	8.83 g/cm ³	1300-1390	480	170	35%

Monel 400	Bar/Rod	Forging	Pipe	Sheet/Strip	Welding Wire
Standard	ASTM B164	ASTM B564	ASTM B165	ASTM B127	ErNiCu-7

Here are some common **application areas** for Monel 400 bar:

- 1) Marine industry: Ship components and offshore platform equipment in corrosive seawater environments.
- 2) Chemical processing industry: Tanks, pipelines, and reactors in acidic environments or high-temperature corrosive media.
- 3) Oil and gas industry: Oil well equipment, downhole tools, and valves in environments with high temperatures, pressures, and corrosive fluids.
- 4) Aerospace industry: Aircraft fuel tanks, structural components, and fasteners requiring resistance to saltwater and high-strength properties.



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