



Astm B865 Uns N04400 Monel 400 Rod Customized Size

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 °C
- Application: Aerospace Industry, Chemical Industry, Marine Industry
- Surface: Bright, Oxided
- Size: Customized Size
- Service: OEM\ODM
- Highlight: Uns N04400 Monel 400 Rod, Astm B865 Monel 400 Rod, Customized Monel Bar



Product Description

Introduction:

- 1) Monel 400 bar is a versatile alloy bar known for its excellent corrosion resistance and high strength. Composed primarily of nickel and copper, it offers exceptional resistance to various corrosive environments, including seawater, acids, and alkalis.
- 2) Monel 400 bar is widely used in industries such as marine, chemical processing, and oil and gas, where reliability and durability are paramount.
- 3) With its remarkable mechanical properties, including good ductility and high tensile strength, Monel 400 bar is suitable for applications such as pump shafts, valves, and fasteners, providing reliable performance even in harsh conditions.

Its corrosion resistance, combined with its mechanical strength, makes it a popular choice for critical components in demanding environments.

Our Product Introduction

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°C	480	170	35%

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

Monel 400 bar offers several notable features that make it a preferred choice in **various applications**:

- 1)**Corrosion Resistance:** Monel 400 bar exhibits exceptional resistance to corrosion in various corrosive environments, including seawater, acids, and alkalis. This resistance makes it suitable for long-term exposure in marine, chemical processing, and other corrosive environments.
- 2)**High Strength:** Monel 400 bar has high tensile strength, which provides excellent mechanical stability and integrity in demanding applications. It can withstand high-stress conditions, making it suitable for components that require strength and reliability.
- 3)**Good Ductility:** Monel 400 bar has good ductility, allowing it to be easily formed, machined, and welded. This enables efficient fabrication and customization of components according to specific requirements.



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