

## Astm B164 Uns N04400 Steel Round Bar Monel 400 Rod

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: Monel 400 Rod, Uns N04400 Steel Round Bar, Astm B164 Steel Round Bar



### More Images



### Product Description

#### Introduction:

- 1) Monel 400 bar is a highly corrosion-resistant alloy bar composed primarily of nickel and copper. It exhibits excellent resistance to various corrosive environments, including seawater, acids, and alkalis. This makes Monel 400 bar a popular choice in industries such as marine, chemical processing, and oil and gas, where durability and reliability are critical.
- 2) With its remarkable mechanical properties, including high tensile strength and good ductility, Monel 400 bar is well-suited for applications such as pump shafts, valves, and fasteners, providing exceptional performance even in demanding conditions.
- 3) Its superior combination of corrosion resistance and mechanical strength makes it an ideal material for critical components requiring long-lasting performance.

#### Product parameters:

Our Product Introduction

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 <sup>3</sup>	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 finds numerous applications across various industries due to its exceptional corrosion resistance and mechanical properties. Some common applications include:

- 1) Marine equipment and components
- 2) Chemical processing equipment
- 3) Oil and gas industry components
- 4) Electrical connectors and switchgear
- 5) Aerospace components
- 6) Fasteners and hardware
- 7) Heat exchangers
- 8) Pump shafts
- 9) Valves and valve stems
- 10) Offshore platform structures



Changzhou Victory Technology Co., Ltd



+8619906119641



[victory@dlx-alloy.com](mailto:victory@dlx-alloy.com)



[victory-alloy.com](http://victory-alloy.com)

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu