



## Promotion Nimonic 75 80A 90 Rod Monel K-500 R-405 2.4999 UNS R30035 MP35N Nickel Alloy Steel Round Bar & Rod

Our Product Introduction

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

### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Monel 400/K500
- Minimum Order Quantity: 5 Kg
- Price: 2 - 99 kilograms \$35.00
- Packaging Details: Special packaging requirements can also be accommodated. OEM is also acceptable.
- 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 Bar
- Material: Nickel Base Alloy
- Nickel (Min): 63%
- Resistance ( $\mu\Omega\cdot m$ ): Stable
- Powder Or Not: Not Powder
- Ultimate Strength ( $\geq$  MPa): 480
- Elongation ( $\geq$  %): 35%
- Surface: Bright, Oxidized
- Density: 8.83 G/cm<sup>3</sup>
- Melting: 1300-1390°C
- Size: Customized
- Highlight: Monel 400/K500 Nickel Alloy Rod,  
Nickel Alloy Monel Round Bar,  
Nickel Based Monel Rod



### More Images



### Product Description

Monel Bar, also known as Monel 400 Bar, is a high-performance alloy bar using the grade Monel 400. It is composed of nickel and copper and has excellent corrosion resistance and mechanical properties.

Monel 400 Bar is known for its excellent corrosion resistance. It can resist corrosion from various corrosive media such as sea water, hydrochloric acid, sulfuric acid and alkaline solutions. This makes it widely used in fields such as marine engineering, chemical industry and petroleum industry.

In addition, Monel 400 Bar has excellent mechanical properties. It has good toughness and strength and can maintain stable performance in high stress and high temperature environments. This makes it widely used in fields such as aerospace, nuclear industry and automobile manufacturing.

Item	Ni	Cu	Fe	Mn	C	Si	
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Monel 400	≥63	28-34	≤2.5	≤2	≤0.3	≤0.5	≤0.25	
Item	Ni	Cu	Al	Ti	Fe	Mn	S	C
Monel K500	≥63	27-33	2.3-3.15	0.35-0.85	≤2	≤1.5	≤0.01	≤0.25
Item	Density	Melting point	Tensile Strength	Yield Strength	Elongation			
Monel 400	8.83 g/cm3	1300-1390°C	480	170	35%			
Item	Density	Melting point	Tensile Strength	Yield Strength	Elongation			
Monel K500	8.05 g/cm3	1288-1343°C	1100	790	20%			
Monel 400	Bar/Rod	Forging	Pipe	Sheet/Strip	Welding Wire			
Standard	ASTM B164	ASTM B564	ASTM B165	ASTM B127	ErNiCu-7			
Monel K500	Bar/Rod	Forging	Pipe	Sheet/Strip	Welding Wire			
Standard	ASTM B864	AMS4676	ASTM B865	ASTM B564	ErNiCu-7			



Shape	Size(mm)
Wire	0.15-7.5
Rod/Bar	8.0-200
Strip	(0.5-2.5)*(5-180)
Plate	custom made



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