



## 10Mm 20Mm 30Mm Diameter Nickel Alloy Monel K500 / Monel 400 Pipe For Construction

Our Product Introduction

for more products please visit us on [victory-alloy.com](http://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: 50 - 499 kilograms \$47.00
- 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 Tube
- Material: Nickel Base Alloy
- Ni (Min): 63%
- Resistance ( $\mu\Omega\cdot m$ ): 1.5
- Powder Or Not: Not Powder
- Ultimate Strength ( $\geq$  MPa): 480
- Elongation ( $\geq$  %): 35
- Surface: Bright,Oxided
- Melting: 1300-1390°C
- Density: 8.83 G/m<sup>3</sup>
- HB( $\geq$ ):  $\geq 331$
- Size: Customized Size
- Service: OEM\ODM
- Highlight: 30Mm Diameter Monel K500 Pipe, Construction Monel 400 Pipe



### More Images



### Product Description

Our Product Introduction



# MONEL TUBE

Monel 400, Monel K500

Customized service available

Monel 400 is copper nickel alloy, has good corrosion resistance. In salty water or seawater has excellent resistance to pitting corrosion, stress corrosion ability. Especially hydrofluoric acid resistance and resistance to the hydrochloric acid. Widely used in the chemical, oil, Marine industry. It is widely used on many aspects, like valve and pump parts, electronic components, chemical processing equipment, gasoline and freshwater tanks, petroleum processing equipment, propeller shafts, marine fixtures and fasteners, boiler feedwater heaters and other heat exchangers.

Item	Ni	Cu	Fe	Mn	C	Si	S
Monel 400	≥63	28-34	≤2.5	≤2	≤0.3	≤0.5	≤0.01

Item	Density	Melting point	Tensile Strength	Yield Strength	Elongation	HB
Monel 400	8.83 g/cm <sup>3</sup>	1300-1390°C	480	170	35%	≥331

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

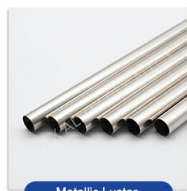
Item	Ni	Cu	Al	Ti	Fe	Mn	C	Si
Monel K500	≥63	27-33	2.3-3.15	0.35-0.85	≤2	≤1.5	≤0.25	≤0.5

Item	Density	Melting point	Tensile Strength	Yield Strength	Elongation	HB
Monel K500	8.05 g/cm <sup>3</sup>	1288-1343°C	1100	790	20%	≥331

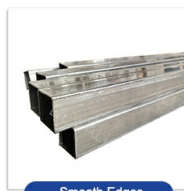
Monel k500	Bar/Rod	Forging	Pipe	Sheet/Strip	Welding Wire
Standard	ASTM B865	AMS4676	ASTM B865	ASTM B564	ErNiCu-7

## 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



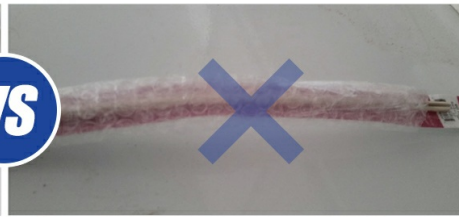
Smooth And Shiny Surface



Product Surface Rust



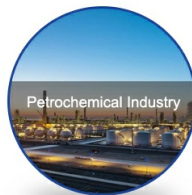
Product Quality Strict Inspection



Product Deformation

## Application Field

Monel tubes are widely used in many fields



Petrochemical Industry



Marine Engineering



Chemical Industry



Power Industry



Food Processing Field



Aerospace Field



Water Treatment Field



Refrigeration Industry

**Monel tubes are widely used in various fields due to their excellent corrosion resistance and high temperature strength. The application areas of Monel tubes include but are not limited to the following:**

1. Chemical industry: Monel tubes can be used for the production and transportation of strong acid and alkali media such as chlorides, nitric acid, sulfuric acid, as well as seawater treatment, petrochemicals, and other fields.
2. Aerospace industry: Due to the excellent high temperature performance and corrosion resistance of Monel alloy, it is widely used in the manufacture of high temperature components such as engines and turbines.
3. Marine engineering: Monel tubes have excellent corrosion resistance to seawater, so they are widely used in seawater desalination, offshore oil exploitation, and shipbuilding.
4. Food processing industry: Monel tubes have good corrosion resistance and non-toxicity, so they are widely used in production equipment and conveying pipelines in the food processing industry.

In summary, Monel tubes have wide applications in many fields due to their excellent corrosion resistance, high temperature strength, and non-toxicity.

## Product Process

The production process and technology used in the product



**1** Nickel Plate Baking



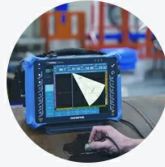
**2** Vacuum Refining



**3** Electroslag Remelting



**4** Forging



**5** Ultrasonic Flaw Detection



**6** Processing Round Bar



**7** Dye Penetrant Inspection



**8** Perforation



**9** Cutting & Grinding



**10** Cold Rolling Annealing



**11** Surface Treatment



**12** Finish Rolling



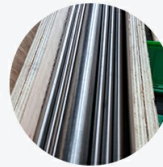
**13** Annealing



**14** Forming



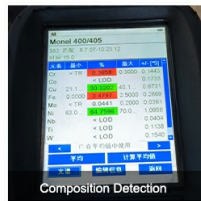
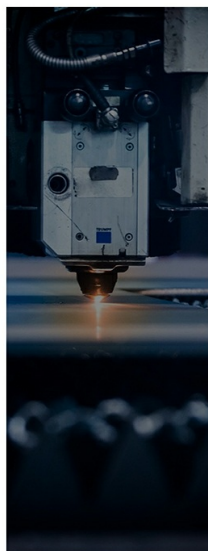
**15** Detection



**16** Packaging

## Product Comparison

The quality of our products has been strictly tested and guaranteed



Composition Detection



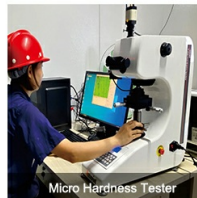
Composition Detection



Measuring Instrument



Micro Hardness Tester



Micro Hardness Tester



Tensile Test Equipment



## OEM Services

We can provide customized services for customers

### Product Customization

#### Size: custom made

We can customize monel tubes of any size and thickness.



### Label Customization



We can provide label customization service for customers' products.

## Recommended Products

Click to learn more about related products



Nickel Strip



Nickel Wire



Nickel Bar



Nickel Tube



Incoloy Bar



Hastelloy Alloy Tube

20+

Industry Experience

50+

Certifications

1000+

Metal Products

2000+

Cooperative Business

## Company Profile

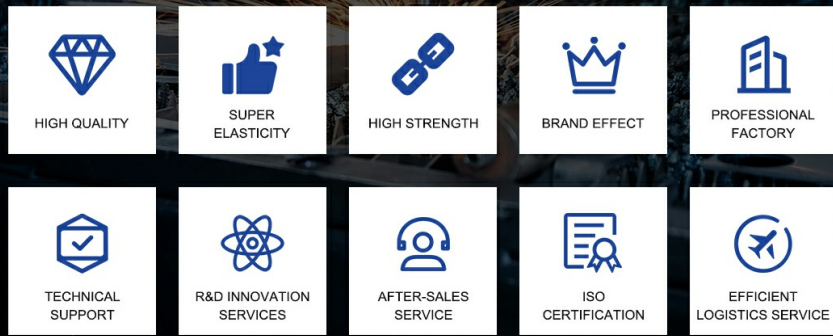
We are a leading alloy metal manufacturer founded in 2002, providing high-quality and high-performance alloy products and services to our customers. Our company is dedicated to becoming the industry leader in the alloy field, and we have received multiple industry certifications and awards, including 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



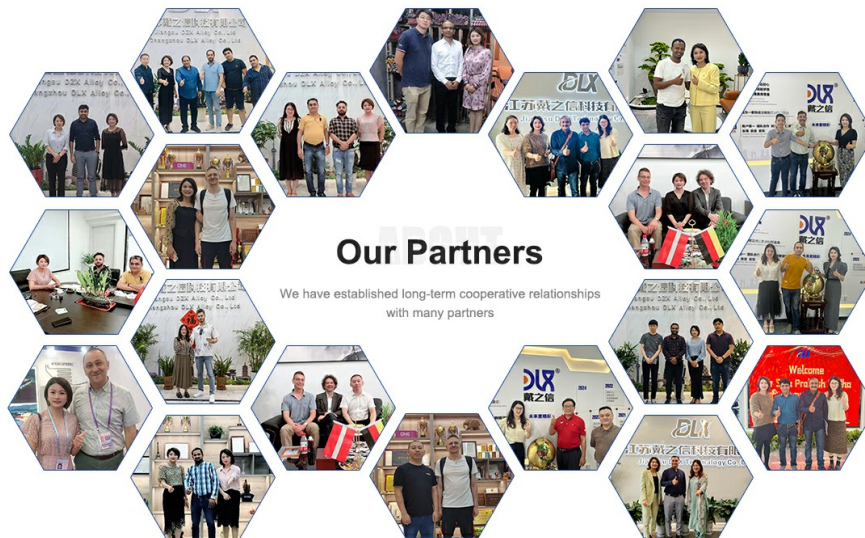
## Our Certifications

Our products have obtained national standard certification



## Our Partners

We have established long-term cooperative relationships with many partners



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