

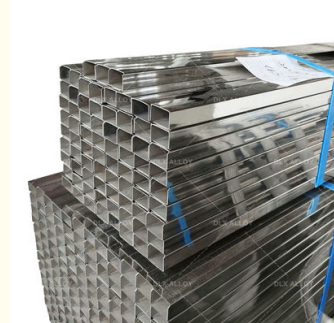
Monel K500 Pipe Nickel Alloy Tube Dia Customized

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Monel 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 K500 Tube
- Material: Nickel Base Alloy
- Nickel(Min): 63%
- Resistance ($\mu\Omega.m$): Stable
- Powder Or Not: Not Powder
- Ultimate Strength (\geq MPa): 480
- Elongation (\geq %): 35%
- Sureface: Bright,Oxided
- Density: 8.83 G/cm3
- Melting: 1300-1390°C
- Size: Customized
- Highlight: **Monel K500 Pipe, Monel K500 Nickel Alloy Tube, Customized Monel K500 Pipe**



More Images



Product Description

Introduction:

- 1)Monel K500 tube is a high-strength nickel-copper alloy tube that offers superior mechanical properties compared to Monel 400. It is reinforced with additions of aluminum and titanium, resulting in increased strength, hardness, and excellent corrosion resistance.
- 2)Monel K500 tube finds applications in industries such as aerospace, oil and gas, chemical processing, and marine, where its combination of high strength, corrosion resistance, and durability is crucial.
- 3)It is commonly used in applications such as heat exchangers, condensers, and tubing systems that require reliable performance in demanding environments.
- 4)With its exceptional strength, corrosion resistance, and mechanical properties, Monel K500 tube provides a reliable solution for critical applications.
- 5)Its high strength and hardness make it suitable for applications subjected to high-stress conditions,

Our Product Introduction

while its resistance to corrosion ensures longevity in corrosive environments.

6) Monel K500 tube's versatility and reliability make it a preferred choice in industries where durability and performance are paramount.

Parameter:

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 K500	8.05 g/cm ³	1288-1343°C	1100	790	20%

Monel K500	Bar/Rod	Forging	Pipe	Sheet/Strip	Welding Wire
Standard	ASTM B864	AMS4676	ASTM B865	ASTM B564	ErNiCu-7

Q&A:

Q1: Can Monel K500 be customized to specific requirements?

A1: Yes, Monel K500 can be customized to meet specific requirements. Its properties, dimensions, and forms can be tailored to suit the application needs.

Q2: What are the typical customization options available for Monel K500?

A2: Typical customization options for Monel K500 include different shapes (bars, sheets, plates), sizes, surface finishes, and heat treatments to achieve desired mechanical properties and corrosion resistance. Additionally, special machining or fabrication requirements can also be accommodated.



Shape	Size(mm)
Wire	0.15-7.5
Rod/Bar	8.0-200
Strip	(0.5-2.5)*(5-1
Plate	custom max



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