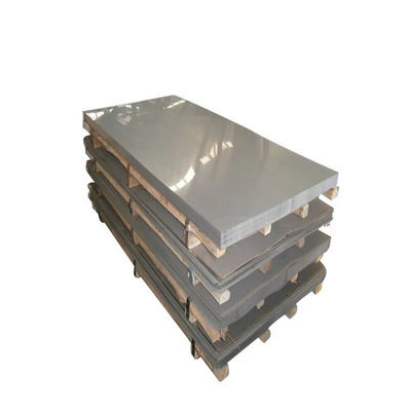
UNS N04400 400 Monel Alloy K500 Copper Nickel Alloy Plate For Oil Well Tools Electronic Components

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Qingsen
- Model Number: Monel K-500
- Minimum Order Quantity: 1-2 ton
- Price: negotiable
- Packaging Details: carton box
- Delivery Time: 15-20 days
- Payment Terms: Western Union, MoneyGram, T/T



Product Specification

- Type: Nickel Alloy Sheet
- Material: Inconel840 (S33400), Inconel 686 (2.4606-N06686)
- Shape: Mill Edge Or Slit Edge
- Certificate: ISO9001
- Technology: Cold Rolled/hot Rolled
- Width: 4'*8ft',4'*10ft',1000*2000mm,1500x3000mm Etc
- Surface: 2B/BA/NO.1/NO.3/NO.4/8K/HL/1D
- Density: 8.83 G/cm3
- Highlight: **400 Monel Alloy K500**, **UNS N04400 Monel Alloy K500**, **2B cupronickel sheet**

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Product Description

Best price UNS N04400 Monel 400/monel k500 Copper Nickel Alloy Plate/Sheet for oil-well tools, electronic components

Inconel Alloy	Inconel840 (S33400), Inconel 686 (2.4606-N06686), Inconel725 (NO7725), Inconel713C (2.4671), Inconel625 (2.4856), Inconel602ca(N06625), Inconel601 (2.4851), Inconel600 (2.4816), Inconel 690 (2.4642), Inconel617 (N06617), InconelX-750 (750), Inconel804, Inconel718 (2.4668).
Surface Finish	2B, BA, NO.1, NO.4, 8K, HL, Embossing, Satin, Mirror, ect
Technique	Cold Rolled; Hot Rolled
Hastelloy Alloy	Hastelloy AlloyB-2/Hastelloy B-2 Alloy, Hastelloy AlloyB3/Hastelloy B3 Alloy, Hastelloy C-2000 Alloy/Hastelloy AlloyC-2000,Hastelloy C-4/Hastelloy AlloyC-4/2. 4610, Hastelloy C-22/Hastelloy AlloyC22, Hastelloy AlloyC-276/Hastelloy C-276 Alloy.
Width	1000mm, 1219mm, 1250mm, 1500mm,or as customer's request
Length	2000mm,2438mm,3000mm,6000mm,or as as customer's request
Delivery Time	Normally 7-15 working days after the receipt of 30% deposit, or according to the quantity
Payment Terms	30% TT for deposit,70% TT /70% LC at sight balance before shipment
Container Size	20ft GP: 5898mm(Length)x2352mm(Width)x2393mm(High), Max. 25 Ton 40ft GP: 12032mm(Length)x2352mm(Width)x2393mm(High), Max. 25 Ton 40ft HC: 12032mm(Lengh)x2352mm(Width)x2698mm(High), Max. 25 Ton
Loading Port	Shanghai Port
Standard	JIS/SUS/DIN/ASTM/AISI/EN
Price Terms	FOB, EXW, CIF, CFR
Application	High temperature components such as turbine blades, guide vanes, turbine disks, high pressure compressor disks,machine manufacturing and combustion chambers used in the manufacture of aviation, naval and industrial gas turbines

Chemical Composition

Grade	Ni%	Cu%	Fe%	Mn%	C%	Si%	S%
Monel 400	Min 63	28-34	Max 2.5	Max 2.0	Max 0.30	Max 0.50	Max 0.024

Monel 400 International Brand

	USA	GE	UK	FR
	UNS	SEW VDIUV	BS	AFNOR
Monel 400	N04400	W.Nr.2.4360 NiCu30Fe	NA 12	Nu 30

Physical Properties

Grade	Density	Melting Point
Monel 400	8.83 g/cm3	1300 -1390

Mechanical Properties

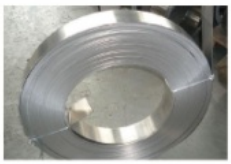
Alloy	Tensile Strength (Rm N/mm2)	Yield strength (RP0.2N/mm2)	Elongation(A5%)	HB
Monel 400	480	170	35	≥331

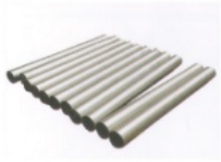
Production Standard

	Bar	Forging	Pipe	Sheet/Strip	Welding Wire
Standard	ASTM B164	ASTM B564	ASTM B165	ASTM B127	ERNiCu-7

Monel K-500(UNS N05500)

Monel K-500(UNS N05500)											
化学成分 Chemical Composition	合金	%	镍Ni	铜Cu	铁Fe	铝AL	碳C	钛Ti	猛Mn	硅Si	硫P
	500	最小min	63	27		2.30	-	0.35	-	-	-
		最大max	-	33	2.0	3.15	0.08	0.85	1.5	0.5	0.01
物理特性 Physical Characteristics	密度 Density					8.05g/cm³					
	熔点 Melting point					1288-1343℃					
在常温下合金的机械性能的最小值	典型机械性能		抗拉强度 Rm N/mm²		屈服强度 RP0.2 N/mm²		延伸率 A5%		测试温度 Test ℃		
	固溶处理		1100		790		20		常温		
特性 characteristic	MONEL K500又叫UNS N05500,具有与Alloy 400相同的耐蚀性能，但是具有更高的机械强度和硬度。具有较好的耐热腐蚀性能和长期组织稳定性。										
金相结构 Metallographic structure	Monel500合金的组织为高强度的单相固溶体										
耐腐蚀性 Corrosion resistance	Monel k-500合金在氟气、盐酸、硫酸、氢氟酸以及它们的派生物中有极优秀的耐蚀性。同时在海水中比铜基合金更具耐蚀性。Monel500在浓度小于85%的硫酸中都是耐蚀的;Monel k-500是可耐氢氟酸中为数极少的重要材料之一。水腐蚀:Monel500合金在多数水腐蚀情况下，不仅耐蚀性极佳，而且孔蚀、应力腐蚀等也很少发现，腐蚀速度小于0.025mm/a。高温腐蚀:Monel500在空气中连续工作的最高温度一般在600℃左右，在高温蒸汽中，腐蚀速度小于0.026mm/a，由于Monel500合金镍含量高，故可耐585℃以下无水氨和氨化条件下的腐蚀。										
应用范围 应用领域 Application	主要用于制造航空发动机上的工作温度在750℃以下的涡轮叶片及燃气轮机叶片;用于制造船舶上的紧固件、弹簧;化工设备上的泵、阀门零部件;造纸设备上的刮浆刀片等。										





Qingsen, one of the industry 's leading supplier of Truck Body Parts,Trailer Accessories and Commercial vehicle components since 2018.Our products cover more than 8o0 kinds which include Door Lock System.Hinges, Fasteners, Cargo Control, Door Seal, Door Retainer,Buckle, Roller,E-track, Winch,Buffer, Folding Step,Deck Ring etc. And can completelyserve for trucks,trailers, containers etc.we excel in providing our customers with the best in value by deliveringthe products you need.Our team strives for "extraordinary' in providingthe truck body parts and trailer parts industry with the best in productsand service which is unparalleled in the industry.when you need any parts related to a truck or trailer or container of anykind.Qingsen is your world-wide ONE-STOP SHOP. With more than 500suppliers and factories nationwide, we help you get the projects donequickly and correctly.

Q1: Can I have one or two samples for checking?

A: Yes, one free samples and freight collect, trial order is aslo welcome.

Q2: What's your lead time?

A: Depending on orders, usually 10~35 days

Q3: What countries have you exported to?

A: Worldwide!

Q4: Do you have MOQ ?

A: Depending on exact product, usually 500 units, no MOQ if goods in stock, most products list on Alibaba we have hundreds to thousands in stock.

Q5: Can you meet my requirements like print LOGO on the product, specific packaging, etc

A: Of course! we are a profesional factory, everything can go in you way!

Q6: Can I visit your company?

A: sure, any time at your convinience, please inform us before your visit

Q7: How is my product shipped? Will my product arrive on time?

A: By sea, by air or by express carriers (UPS, FedEx, TNT) transit time depends on freight rates.

Q8: What's terms of payment?

A: 30% T/T deposit, 70% balance before delivery.

B: 30% T/T deposit, 70% balance against BL.

C: 100% in advance, L/C at sight, Western Union/ Paypal for small amount payment.

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