



## ISO9001 Monel Alloy 400

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Qingsen
- Model Number: Monel 400
- 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

- Diameter: 0.8, 1.0, 1.2, 1.6, 2.0, 2.4, 3.0
- Material: Ni Cr Mo
- Hardness: 37-55HRC
- Standard: ASTM B4575
- Surface: Smooth Surface
- Certificate: ISO9001
- Tensile Strength: 483mpa
- Elongation: 30%
- Highlight: **ISO9001 Monel Alloy 400,  
0.8mm Monel Alloy 400, 1mm alloy 400**


## Product Description

### Metal Super Alloy Monel 400 Round Bar Price Per Kg

Monel 400 is a nickel-copper alloy (about 67% Ni – 23% Cu) that is resistant to sea water and steam at high temperatures as well as to salt and caustic solutions. Alloy 400 is a solid solution alloy that can only be hardened by cold working. This nickel alloy exhibits characteristics like good corrosion resistance, good weldability and high strength. A low corrosion rate in rapidly flowing brackish or seawater combined with excellent resistance to stress-corrosion cracking in most freshwaters, and its resistance to a variety of corrosive conditions led to its wide use in marine applications and other non-oxidizing chloride solutions. This nickel alloy is particularly resistant to hydrochloric and hydrofluoric acids when they are de-aerated. As would be expected from its high copper content, alloy 400 is rapidly attacked by nitric acid and ammonia systems.

Product name	Monel alloy steel round bar/rod/shaft/sheet/plate/tube/pipe/strip/coil/wire/fittings
Standard	GB,AISI,ASTM,DIN,EN,SUS,UNS etc
Technique	Cold Rolled Hot Rolled
The lowest level of Nickel	≥63%
Material	Alloy : Alloy 20/28/31; Hastelloy: Hastelloy B / B-2/B-3/C22/C-4/S/ C276/C-2000/G-35/G-30/X/N; Haynes: Haynes 230/556/188; Inconel: Inconel 100/600/601/602CA/617/625713/718738/X-750,Carpenter 20; Incoloy: Incoloy 800/800H/800HT/825/925/926; GH: GH2132,GH3030,GH3039,GH3128,GH4180,GH3044 Monel: Monel 400/K500 Nitronic: Nitronic 40/50/60; Nimonic: Nimonic 75/80A/90 ;

## ➞ Monel 400(UNS N04400/W.Nr.2.4360)

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化学成分 Chemical Composition	合金	%	镍Ni	铜Cu	铁Fe	碳C	锰Mn	硅Si	硫P
	400	最小min	63	28	-	-	-	-	-
		最大max	-	34	2.5	0.3	2	0.5	0.024
物理特性 Physical Characteristics	密度 Density					8.83g/cm³			
	熔点 Melting point					1300-1390℃			
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 °C	
	固溶处理		480	170		35		常温	
特性 characteristic	Monel400是一种用量最大、用途是广泛综合性能极佳的耐腐蚀合金。此合金在氢氟酸和氟气介质中有优异的耐蚀性，对浓碱液也有优良的耐蚀性。同时耐中性溶液、水、海水、大气、有机化合物等的腐蚀。该合金的一个重要特征是一般不产生应力腐蚀裂纹，切削性能良好。								
耐腐蚀性 Corrosion resistance	Monel400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。Monel400在浓度小于85%的氨水中都具耐蚀性的 Monel400是可耐氢氟酸中为数极少的重要材料之一。水腐蚀:Monel400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:Monel400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Monel400合金镍含量高，故能耐585℃以下无水氨和氨化条件下的腐蚀。								
应用范围 应用领域 Application	Monel400合金是一种多用途的材料，在许多工业领域都能应用： 1.动力工厂中的无缝输水管、蒸汽管 2.海水交换器和蒸发器 3.硫酸和盐酸环境 4.原油蒸馏 5.在海水使用设备的泵轴和螺旋桨 6.核工业用于制造铀提炼和同位素分离的设备 7.制造生产盐酸设备使用的泵和阀								
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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 800 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 completely serve for trucks,trailers, containers etc.we excel in providing our customers with the best in value by delivering the products you

need. Our team strives for "extraordinary" in providing the truck body parts and trailer parts industry with the best in products and service which is unparalleled in the industry. When you need any parts related to a truck or trailer or container of any kind, Qingsen is your world-wide ONE-STOP SHOP. With more than 500 suppliers and factories nationwide, we help you get the projects done quickly and correctly.

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

A: Yes, one free sample and freight collect, trial order is also 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 professional factory, everything can go in your way!

**Q6: Can I visit your company?**

A: Sure, any time at your convenience, 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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