

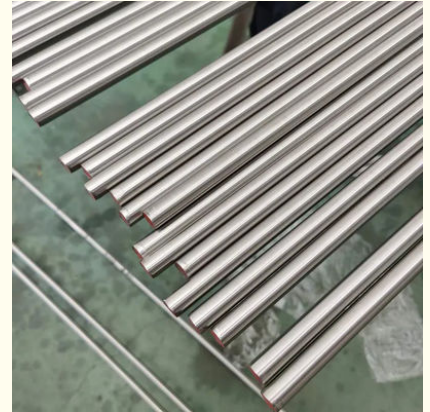


## ASTM ASME SB472 Hastelloy C 22 UNS N06022 Nickel Alloy Round Bar Hot Rolling Cold Drawing Black Or Bright

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Qingsen
- Model Number: Hastelloy C-22
- 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

- Material: Monel 400 Pipes
- Surface Finish: Annealed, Polished Etc.
- Powder: Not Powder
- Quality Assurance: ISO & PED & AD2000
- Shape: Sheet, Pipe, Bar, Coil, Strip
- Process Method: Cold Drawn/ Cold Rolled
- Thickness: 0.2-4.5mm
- OD: 3-114mm
- Highlight: **ASME Hastelloy C 22, ASTM Hastelloy C 22, N06022 Nickel Alloy Round Bar**



## Product Description

### ASTM/ASME SB472 Alloy C-22/Hastelloy C-22/UNS N06022 Nickel Alloy round bar rod Hot RollingCold-drawing Black or Bright or Pick

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
Hastelloy material	hastelloy C,Hastelloy c-4, Hastelloy c-22, Hastelloy C-59, Hastelloy c-276, Hastelloy C-2000, Hastelloy B, Hastelloy B-2, Hastelloy B-3, Hastelloy G-30, hastelloy G35,Hastelloy X, Hastelloy 188,HastelloyR-135, HastelloyH-2,N08800,N04400,N08825,N06625,N08810 ,S33400,N04400S31254,N08367,N08904,N08904,N06030,N08020.						
Weld tube	Outer diameterΦ4.76-135mm,Wall Thickness0.25-4.00mm,Length:≤35000 mm						
Seamless Tube	Outer diameterΦ3-114mm,Wall Thickness0.2-4.5mm						
Application	Petrochemical equipment, heat exchanger, flue gas desulfurization equipment, fluid chemical pump, fluorine chemical industry						
Properties	Metric			Imperial			
Tensile strength	740.5 MPa			107400 psi			
Yield strength	347 MPa			50300 psi			
Elastic modulus	205 GPa			29700 ksi			
Elongation at break	67%			67%			
Properties	Metric			Imperial			
Density	8.89 g/cm3			0.321 lb/in3			
Melting point	1325 °C			2417 °F			

## Hastelloy C-22

(UNS N06022/W.Nr.2.4602)

Hastelloy C-22 (UNS N06022/W.Nr.2.4602)														
化学成分 Chemical Composition	合金	%	Ni	Cr	Fe	Mo	C	Mn	Si	S	P	Co	V	W
	C-22	最小min	余量	20.0	2	12.5								2.5
		最大max	余量	22.5	6	14.5	0.0015	0.5	0.08	0.02	0.02	2.5	0.35	3.5
物理特性 Physical Characteristics	密度 Density	8.9g/cm³												
	熔点 Melting point	1325-1370°C												
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	690		283		40		常温						
特性 characteristic	Hastelloy C22合金是全能的物终钼钨合金，比其他的现有的镍铬钼合金拥有更好的总体抗腐蚀性性能，包括Hastelloy C276.C4合金以及625合金。Hastelloy C22合金有很好的抗点蚀，缝隙腐蚀和应力腐蚀开裂能力。它具有优异的抗氧化水介质能力，包括湿氯，硝酸或者含有氯化物离子的氧化性酸的混合酸。Hastelloy C22合金对各种化工环境有着卓越的抵御能力，包括强氧化性物质，比如氯化铁、氯化铜、氯、热污染溶液（有机的天机的）、甲酸、乙酸、醋酸酐、海水和盐溶液等。Hastelloy C22合金在焊接热影响区有抵抗晶界沉淀形成的能力，这样使它在焊接状态下也能适应很多种化工过程的应用。													
金相结构 Metallographic structure	Hastelloy C22为面心立方晶格结构。													
耐腐蚀性 Corrosion resistance	Hastelloy C22合金适用于各种含有氧化和还原性介质的化学流程工业。较高的钼、钨含量使合金能够耐氯离子的侵蚀，钨元素也进一步提高了其耐腐蚀性。Hastelloy C22是仅有的几种能够耐潮湿氯气、次氯酸盐以及二氧化氯溶液腐蚀的材料之一，该合金对高浓度的氯化盐溶液具有显著的腐蚀性（如氯化铁和氯化铜）。													
应用范围 应用领域 Application	Hastelloy C-22其它应用领域: 1.醋酸/醋酸酐;2.酸浸;3.玻璃纸制造;4.氯化系统;5.复杂的混合酸;6.电镀槽的轮子;7.膨胀波纹管;8.烟气清洗器系统;9.地热井;10.氟化氢熔炉清洗器;11.焚烧清洗器系统;12.核燃料再生;13.杀虫剂生产;14.磷酸生产;15.酸洗系统;16.板式热交换器;17.选择性过滤系统;18.二氧化硫冷却塔;19.磺化系统;20.管式热交换器;21.堆焊阀门													
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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 completelyserve 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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