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Inconel 600 Round Bar:



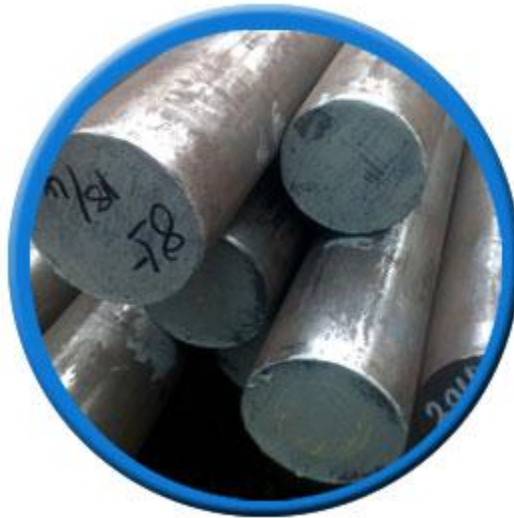
Jignesh Steel is a [Inconel 600 Round Bar](#) manufacturers, suppliers and stockists, delivering to the whole of the world. We are having largest inventory & **ready stock of around 200 tons** of **Inconel 600 Round Bar** in different size, grades & cuts. Our manufacturing program is supported by intensive in-house product inspection and testing and accredited to meet all the most recognized international standards, including **ISO 9001:2008**

Jignesh Steel specializes in [Inconel 600 Round Bar](#) .With years of experience in manufacturing **Inconel 600 Round Bar** we offer high quality, lower cost but the best service. As a result to that our export account today is in **over 45 countries** some of them are [United States](#), [United Arab Emirates](#), [Canada](#), [Pakistan](#), [Spain](#),

[France](#), [United Kingdom](#), [Indonesia](#), [Iran](#), [Kuwait](#), [Mexico](#), [Malaysia](#), [Nigeria](#), [Singapore](#), [Saudi Arabia](#), [Netherlands](#), [Brazil](#), [Colombia](#), [Egypt](#), [Iraq](#), [Sri Lanka](#), [Russia](#), [Vietnam](#), [South Africa](#), [Nigeria](#), [Turkey](#), [Bangladesh](#), [Italy](#), [Japan](#), [Thailand](#), [Hong Kong](#), [Switzerland](#), [New Zealand](#) We welcome your inquiries.

We are specialized in offering precision engineered [inconel](#), which are used in various engineering applications and can be availed in various grades like [600](#), [601](#), [617](#), [625](#), [690](#), [718](#), [X-750](#), [800](#), [825](#) these grades are available in the form of [inconel roundbar](#)

What is Inconel 600 Round Bar ?



[Alloy 600](#) is a nickel-chromium alloy designed for use from cryogenic to elevated temperatures in the range of 2000 deg F(1093 deg C). The high nickel content of the alloy enables it to retain considerable resistance under reducing conditions and makes it resistant to corrosion by a number of organic and inorganic compounds. The nickel content gives it excellent resistance to chloride-ion stress-corrosion cracking and also provides excellent resistance to alkaline solutions.

Its chromium content gives the alloy resistance to sulfur compounds and various oxidizing environments. The chromium content of the alloy makes it superior to commercially pure nickel under oxidizing conditions. In strong oxidizing solutions like hot, concentrated nitric acid, 600 has poor resistance. [Alloy 600](#) is relatively un-attacked by the majority of neutral and alkaline salt solutions and is used in some caustic environments. The alloy resists steam and mixtures of steam, air and carbon dioxide.

Inconel 600 is covered by the following standards:

- BS 3075 and BS 3076 NA 14
- AMS 5687
- ASTM B166

Inconel 600 Round Bar Chemical Composition

Carbon	0.15 max
Chromium	14 – 17
Copper	0.5 max
Iron	6 – 10
Manganese	1 max
Nickel	Balance
Silicon	0.5 max
Sulphur	0.015 max

Inconel 600 Round Bar Physical Properties

Density (lb / cu. in.)	0.306
Specific Gravity	8.47
Specific Heat (Btu/lb/Deg F – [32-212 Deg F])	0.106
Electrical Resistivity (microhm-cm (at 68 Deg F))	620

Melting Point (Deg F)	2550
Thermal Conductivity	103
Mean Coeff Thermal Expansion	5.8
Magnetic Permeability	1.01
Modulus of Elasticity Tension	31.1
Reduction of Area	60

Inconel 600 Round Bar Mechanical Properties

Alloy and state	tensile strength	Yield Strength	Extensibility	Brinell hardness
	Rm N/mm2	RPO.2N/mm2	A5%	HB
annealing treatment	550	240	30	=195
solid solution treatment	500	180	35	=185

Inconel Round bar Available Stock

- [Inconel 600 Round Bar](#)
- [Inconel 601 Round Bar](#)
- [Inconel 617 Round Bar](#)
- [Inconel 625 Round Bar](#)
- [Inconel 690 Round Bar](#)
- [Inconel 718 Round Bar](#)
- [Inconel X-750 Round Bar](#)
- [Inconel 800 Round Bar](#)
- [Inconel 825 Round Bar](#)

Special offer on inconel 600 Round Bar



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