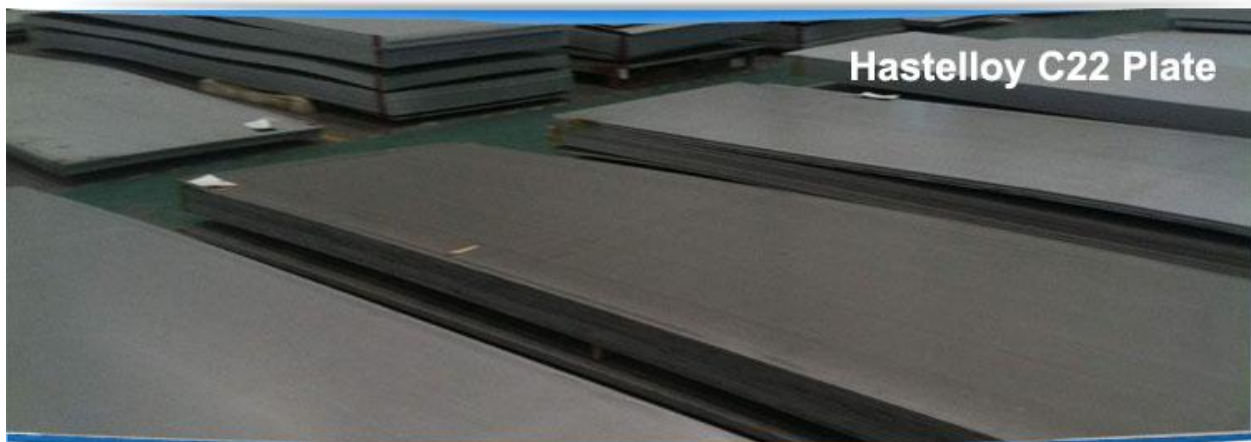




Email: jignesh@jigneshsteel.com Tel: +91 98693 57774

Hastelloy C22 Plate:



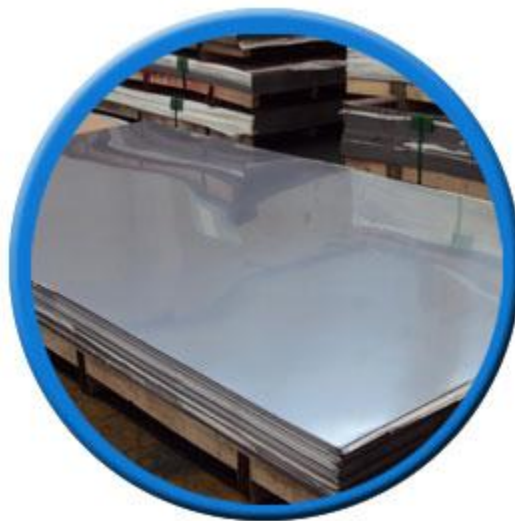
Jignesh Steel.is a [ASTM B575 hastelloy C22 plate](#) manufacturers, suppliers and stockists, delivering to the whole of the world.We are having largest inventory & **ready stock of around 200 tons** of **ASTM B575 hastelloy C22 plate** in different size, grades & cuts.Our manufacturing program is supported 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 [ASTM B575 hastelloy C22 plate](#) .With years of experience in manufacturing **ASTM B575 hastelloy C22 plate** 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 [hastelloy](#), which are used in various engineering applications and can be availed in various grades like [B2](#), [B3](#), [C22](#), [C276](#) these grades are available in the form of hastelloy plate

What is Hastelloy C22 Plate ?



[Jignesh Steel](#) is a renowned manufacturer in India and oldest supplier of [hastelloy plate](#) Specialty plate like [ASTM B575 hastelloy C22 plate](#) are what make us stand out from the crowd. We are the only company in INDIA with over **200 tons stock** of hastelloy plate . We have bar in ready stock upto **100mm** in various shape. We at Jignesh Steel, we maintain various sizes in stock of [ASTM B575 hastelloy C22 plate](#)

This way we can service even the non standard sizes for immediate dispatch. One of the main reasons our brand resonates around the world is the kind of delivery we provide to our customers. If you want Very urgent delivery of [ASTM B575 hastelloy C22 plate](#) even in odd size so Jignesh Steel can provide you due to our huge ready stock of [ASTM B575 hastelloy C22 plate](#) . We have so many sizes in stock, if it is not with us; it is unlikely you will find it in stock anywhere. buying experience of hastelloy600 plate with Jignesh Steel is what makes our client come back to us each time they purchase our products.

[hastelloy C22](#), also known as [alloy C22](#), is a versatile austenitic nickel-chromium-molybdenum-tungsten alloy with enhanced resistance to pitting, crevice corrosion

and stress corrosion cracking. The high chromium content provides good resistance to oxidizing media while the molybdenum and tungsten content give good resistance to reducing media. This nickel steel alloy also has excellent resistance to oxidizing aqueous media including wet chlorine and mixtures containing nitric acid or oxidizing acids with chlorine ions. Other corrosives [hastelloy C-22](#) has resistance to are oxidizing acid chlorides, wet chlorine, formic and acetic acids, ferric and cupric chlorides, sea water, brine and many mixed or contaminated chemical solutions, both organic and inorganic.

What are the characteristics of hastelloy C22?

- Resistant to pitting, crevice corrosion and stress corrosion cracking
- Outstanding resistance to both reducing and oxidizing media
- Excellent resistance to oxidizing aqueous media
- Exceptional resistance to a wide variety of chemical process environments including strong oxidizers such as ferric acids, acetic anhydride, and seawater and brine solutions
- Resists the formation of grain-boundary precipitates in the weld heat-affected zone
- Excellent weldability

ASTM B575 hastelloy C22 plate Chemical Composition

C	Cr	Co	Fe	Mn	Mo	Ni	P	Si	S	W	V
.010 max	20- 22.5	2.5 max	2.0- 6.0	.50 max	12.5- 1 4.5	Balance	.02 max	.08 max	.02 max	2.5- 3.5	.35 max

ASTM B575 hastelloy C22 plate Mechanical Properties

Alloy and state	tensile strength	Yield Strength	Extensibility
	Rm N/mm2	RPO.2N/mm2	A5%
hastelloy C22	690	283	40

ASTM B575 hastelloy C22 plate Physical Properties

Property	Temperature	Value	Units
Density	N/A	0.314	lb/in 3
		8.69	g/cm3
Modulus of Elasticity	N/A	29.9 x 10 ⁶	psi
		206,000	MPa
Melting Range	N/A	2475 to 2550	°F
		1357 to 1399	°C
Thermal Conductivity	118°F	70	Btu·in/ft ² hr·°F
	48°C	48	W/mK
Coefficient of Expansion	75 to 200°F	6.9	μin/in·°F
	24 to 93°C	12.4 x 10 ⁻⁶	m/m·K
Specific Heat Capacity	126°F	0.099	Btu/lb·°F
	52°C	414	J/kg·K
Electrical Resistivity	75°F	44.8	microhm·in
	24°C	1.14	microhm·m

Hastelloy Plate Available Stock

- [Hastelloy B2 plate](#)
- [Hastelloy B3 plate](#)
- [Hastelloy C22 plate](#)
- [Hastelloy C276 plate](#)

Special offer on Hastelloy C22 Plate



[Jignesh Steel](#) is a [ASTM B575 hastelloy C22 plate](#) manufacturers, suppliers and stockists, delivering to the whole of the world. We are having largest inventory & **ready stock of around 200 tons** of ASTM B575 hastelloy C22 plate in different size, grades & cuts.

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 have Special offer of 5% Discount on [ASTM B575 hastelloy C22 plate](#) . We are specialized in offering precision engineered [hastelloy](#) , which are used in various engineering applications and can be availed in various grades like [B2](#), [B3](#), [C22](#), [C276](#) these grades are available in the form of hastelloy plate



Jignesh Steel

45, Islampura Street, Near Alankar Cinema ,Mumbai-400 004 (India)

Phone: +(91) 022-6659 5844, 6659 5845 | **Fax:** +(91) 022-2382 0102

Web: <http://www.jigneshsteel.in/>