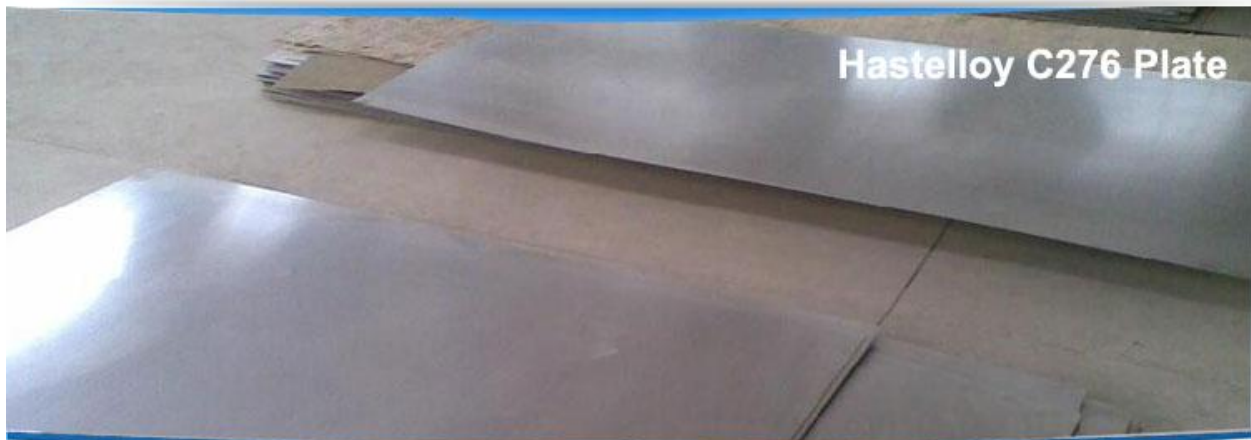




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Hastelloy C276 Plate:



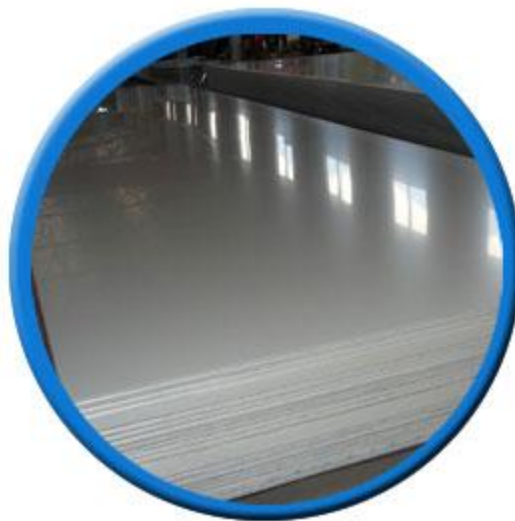
Jignesh Steel.is a [ASTM B575 hastelloy C276 plate](#) manufacturers, suppliers and stockists, delivering to the whole of the world.We are having largest inventory & **ready stock of around 200 tons** of **ASTM B575 hastelloy C276 plate** in different size, grades & cuts.Our manufacturing program is 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 C276 plate](#) .With years of experience in manufacturing **ASTM B575 hastelloy C276 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 C276 Plate ?



[Jignesh Steel](#) is a renowned manufacturer in India and oldest supplier of [hastelloy plate](#) Specialty plate like [ASTM B575 hastelloy C276 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 C276 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 C276 plate](#) even in odd size so Jignesh Steel can provide you due to our huge ready stock of [ASTM B575 hastelloy C276 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 C276](#) is a nickel-molybdenum-chromium superalloy with an addition of tungsten designed to have excellent corrosion resistance in a wide range of severe

environments. The high nickel and molybdenum contents make the nickel steel alloy especially resistant to pitting and crevice corrosion in reducing environments while chromium conveys resistance to oxidizing media. The low carbon content minimizes carbide precipitation during welding to maintain corrosion resistance in as-welded structures. This nickel alloy is resistant to the formation of grain boundary precipitates in the weld heat-affected zone, thus making it suitable for most chemical process application in an as welded condition.

What are the characteristics of hastelloy C276?

- Excellent corrosion resistance in reducing environments
- Exceptional resistance to strong solutions of oxidizing salts, such as ferric and cupric chlorides
- High nickel and molybdenum contents providing good corrosion resistance in reducing environments
- Low carbon content which minimizes grain-boundary carbide precipitation during welding to maintain resistance to corrosion in heat-affected zones of welded joints
- Resistance to localized corrosion such as pitting and stress-corrosion cracking
- One of few materials to withstand the corrosive effects of wet chlorine gas, hypochlorite and chlorine dioxide

ASTM B575 hastelloy C276 plate Chemical Composition

Carbon	0.01 max
Chromium	14.5 – 16.5
Cobalt	2.5 max
Iron	4 – 7
Manganese	1 max
Molybdenum	15 – 17
Phosphorus	0.015 max
Silicon	0.08 max
Sulphur	0.01 max

Tungsten	3 – 4.5
Vanadium	0.35 max
Nickel	Balance

ASTM B575 hastelloy C276 plate Mechanical Properties

Alloy and state	Tensile strength	Yield strength	Elongation
	Rm N/mm2	RP0.2N/mm2	A5 %
HC/C276	690	283	40

ASTM B575 hastelloy C276 plate Physical Properties

Density	8.9gcm3
Melting point	1325-1370oC

Hastelloy Plate Available Stock

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

Special offer on Hastelloy C276 Plate



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