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Hastelloy C276 Round Bar:



Jignesh Steel.is a [ASTM B574 Hastelloy C276 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 **ASTM B574 Hastelloy C276 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 [ASTM B574 Hastelloy C276 Round Bar](#) .With years of experience in manufacturing **ASTM B574 Hastelloy C276 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 [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 Round Bar](#)

What is Hastelloy C276 Round Bar ?



[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

[Jignesh Steel](#) is a renowned manufacturer in India and oldest supplier of [hastelloy roundbar](#) Specialty bar like [ASTM B574 Hastelloy C276 Round Bar](#) are what make us stand out from the crowd. We are the only company in INDIA with over **200 tons stock** of **hastelloy roundbar**. We have bar in ready stock upto **4 mm To 350 mm DIA** in various shape. We at Jignesh Steel, we maintain various sizes in stock of [ASTM B574 Hastelloy C276 Round Bar](#)

ASTM B574 Hastelloy C276 Round Bar 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 B574 Hastelloy C276 Round Bar Mechanical Properties

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

ASTM B574 Hastelloy C276 Round Bar Physical Properties

Density	8.9gcm3
Melting point	1325-1370oC

Hastelloy Round bar Available Stock

- [Hastelloy B2 Round Bar](#)
- [Hastelloy B3 Round Bar](#)
- [Hastelloy C22 Round Bar](#)
- [Hastelloy C276 Round Bar](#)

Special offer on Hastelloy C276 Round Bar



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