



## Factory Sale UNS N07750 Inconel X750 Nickel Alloy Wire For Spring

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Inconel X750
- Minimum Order Quantity: 5 Kg
- Price: Negotiable
- Packaging Details: packed in Spool Carton box, Coil package with polybag, then in woodencase
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



### Product Specification

- Name: Inconel X750 Wire
- Material: Ni Cr Fe
- Nickel(Min): 72%
- Density: 8.47 G/cm3
- Melting Point: 1,370-1,415°C
- Tensile Strength:  $\geq 550$  MPa
- Yield Strength:  $\geq 240$  MPa
- Elongation:  $\geq 30\%$
- Application: Pickling Equipment Pipes And Valves Reactors Distillation Columns
- Sureface: Bright,Oxided
- Highlight: **Factory sale Inconel X750 wire, nickel alloy Inconel X750 wire, Spring Inconel X750 wire**



### More Images



### Product Description

## Product Description:

1. Inconel X750 is a nickel-chromium alloy known for its excellent mechanical properties at high temperatures and its corrosion resistance. The chemical composition typically includes:

Nickel (Ni): Around 70%  
Chromium (Cr): Around 14-17%  
Iron (Fe): Around 5-9%  
Small amounts of other elements such as titanium, aluminum, and niobium

2. Inconel X750 wire is a type of high-temperature alloy wire known for its excellent corrosion resistance and high strength at elevated temperatures. It is commonly used in applications such as gas turbines, rocket engines, nuclear reactors, and other high-temperature environments where strength and corrosion resistance are crucial.

## Characteristic:

The characteristics of Inconel X750 include:

1. High strength at temperatures up to 704°C (1300°F)
2. Excellent corrosion and oxidation resistance in high-temperature environments
3. Good mechanical properties at both low and high temperatures
4. Resistant to chloride-ion stress-corrosion cracking
5. Suitable for use in various applications such as gas turbines, rocket engines, nuclear reactors, and industrial heating systems

## Advantage:

1. High Temperature Strength: It exhibits excellent strength at high temperatures, making it suitable for use in environments with elevated heat.
2. Corrosion Resistance: The alloy offers exceptional resistance to corrosion, making it ideal for applications in harsh and corrosive environments.
3. Oxidation Resistance: It resists oxidation at high temperatures, maintaining its integrity in demanding operating conditions.
4. Versatility: Inconel X750 is versatile and finds application in various industries such as aerospace, gas turbines, nuclear reactors, and industrial heating systems.
5. Fatigue Resistance: It demonstrates good fatigue resistance, which is crucial for components subjected to cyclic loading.
6. Weldability: The alloy can be welded using common welding techniques, allowing for ease of fabrication.



Size Range (mm)	
Wire	0.5-7.5
Rod/Bar	8.0-200
Strip	(0.50-2.5)*(5-180)
Tube	custom made
Plate	custom made

## FAQ:

Q: What is Inconel X750?

A: Inconel X750 is a nickel-chromium alloy known for its high strength at elevated temperatures and excellent corrosion resistance.

Q: What are the typical applications of Inconel X750?

A: This alloy is commonly used in industries such as aerospace, gas turbines, nuclear reactors, and industrial heating systems due to its exceptional mechanical properties in high-temperature environments.

Q: What are the key advantages of using Inconel X750?

A: Inconel X750 offers high temperature strength, corrosion resistance, oxidation resistance, versatility, fatigue resistance, and weldability, making it suitable for a wide range of demanding applications.

Q: How does Inconel X750 compare to other materials in terms of performance?

A: Inconel X750 outperforms many other materials in high-temperature and corrosive environments, making it a preferred choice for critical applications.

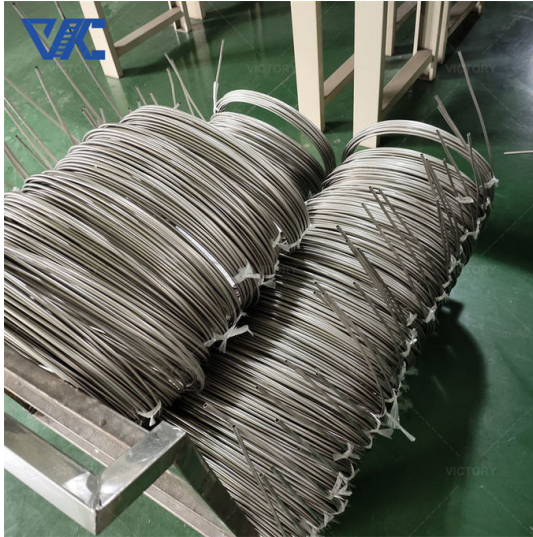
**contact us**

**email:**[victory@dlx-alloy.com](mailto:victory@dlx-alloy.com)

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**Changzhou Victory Technology Co., Ltd**



+8619906119641



[victory@dlx-alloy.com](mailto:victory@dlx-alloy.com)



[victory-alloy.com](http://victory-alloy.com)

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu