



## Expansion Inconel Alloy Pipe Excellent Curie Point Treaded End for Precision Applications

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Inconel Alloy



### Product Specification

- Wall Tolerance:  $\pm 3-5\%$
- Standard: ASTM AISI JIS DIN GB
- Coefficient Of Expansion:  $14.0 \mu\text{m/m } ^\circ\text{C}$  (20 – 100°C)
- Curie Point: -319°F (-195°C)
- Alloy Type: Nickel-based Deformed Superalloy
- Outer Diameter: 1/2"~48"
- Pipe End: Plain End, Beveled End, Treaded
- Tolerance:  $\pm 1\%$
- Highlight: **Treaded End Inconel Alloy Pipe,  
Excellent Curie Point Inconel Alloy Pipe,  
Precision Applications Inconel Alloy Pipe**



### More Images



## Product Description

### Product Description:

Our Inconel Alloy is a nickel-chromium-based superalloy that is highly resistant to corrosion and oxidation, making it a popular choice for use in high-temperature applications. The alloy is known for its excellent mechanical properties, including high strength, toughness, and resistance to fatigue.

Our Inconel Alloy is delivered in a sosaloid state, meaning it is annealed and ready for use in a variety of applications. The alloy has a coefficient of expansion of  $14.0 \mu\text{m/m } ^\circ\text{C}$  ( $20 - 100^\circ\text{C}$ ), making it ideal for use in applications where dimensional stability is critical.

Our Inconel Alloy is manufactured to strict quality standards to ensure that it meets or exceeds the requirements of our customers. The alloy is tested for tolerance, with a tolerance of  $\pm 1\%$ , ensuring that it is of consistent quality and meets the precise specifications of our customers.

Whether you are looking for an alloy for use in high-temperature environments or need an elastic alloy for use in alloy parts and alloy steels, our Inconel Alloy is an excellent choice. Contact us today to learn more about our products and how we can meet your specific needs.

### Features:

Product Name: Inconel Alloy

Curie Point:  $-319^\circ\text{F}$  ( $-195^\circ\text{C}$ )

Standard: ASTM AISI JIS DIN GB

Wall Tolerance:  $\pm 3-5\%$

Heat Resistance: High

Coefficient Of Expansion:  $14.0 \mu\text{m/m } ^\circ\text{C}$  ( $20 - 100^\circ\text{C}$ )

This product is a type of Fesimg Alloy that is commonly used in Alloy Parts and as an Expansion Alloy.

### Technical Parameters:

Corrosion Resistance	Excellent
Specific Heat Capacity	$0.435 \text{ J/g} \cdot ^\circ\text{C}$
Wall Tolerance	$\pm 3-5\%$
Pipe End	Plain End, Beveled End, Treaded
Curie Point	$-319^\circ\text{F}$ ( $-195^\circ\text{C}$ )
Coefficient Of Expansion	$14.0 \mu\text{m/m } ^\circ\text{C}$ ( $20 - 100^\circ\text{C}$ )
Application	Airplanes, Cars, Ships, Etc.
Alloy Type	Nickel-based Deformed Superalloy
Standard	ASTM AISI JIS DIN GB
Heat Resistance	High

This Elastic Alloy product is an excellent Alloy Target and Alloy Agent In Steel.

### Applications:

The Inconel Alloy is an expansion alloy that contains a combination of nickel, chromium, and iron that is known for its high strength and durability. Due to its unique composition, it is an excellent alloy agent in steel, making it an ideal material for the production of high-performance components.

Its excellent corrosion resistance makes it an ideal material for use in harsh environments, including chemical processing plants, power generation facilities, and oil and gas industries, where it is often used to produce pipes, valves, fittings, and other components.

The Inconel Alloy comes in various pipe end configurations, including plain end, beveled end, and threaded, making it suitable for a wide range of applications. Its delivery state is Sosaloid, which means that it has undergone a heat treatment process to improve its mechanical properties and enhance its resistance to corrosion.

The Inconel Alloy's curie point is  $-319^\circ\text{F}$  ( $-195^\circ\text{C}$ ), which means that it can withstand extremely low temperatures. This attribute makes it an ideal material for use in cryogenic applications, including the production of equipment used in the liquefaction and storage of gases.

The Inconel Alloy's tolerance is  $\pm 1\%$ , which ensures consistent and accurate measurements during the production process.

Overall, the Victory Inconel Alloy is a reliable and high-quality material that is suitable for various product application occasions and scenarios. Its unique composition, high strength, and excellent corrosion resistance make it an ideal material for use in harsh environments where other materials may fail.

### Customization:

### Support and Services:

Our team of experts provides technical support and services for our Inconel Alloy product line. We offer assistance with product selection, application recommendations, and troubleshooting. We also provide testing and analysis services to ensure the quality and performance of our products. Our technical support team is available to answer any questions and provide guidance throughout the entire product lifecycle. In addition, we offer training and educational resources to help our customers maximize the benefits of our Inconel Alloy products. Contact us for more information on our technical support and services.

### **Packing and Shipping:**

Package includes: 1 piece of Inconel Alloy

Shipping information:

Ships within 1-2 business days

Free shipping within the United States

International shipping available at an additional cost

### **FAQ:**

**Q:** What is the brand name of this product?

**A:** The brand name of this product is Victory.

**Q:** What is the model number of this product?

**A:** The model number of this product is Inconel Alloy.

**Q:** Where is this product made?

**A:** This product is made in China.

**Q:** What are the properties of Inconel Alloy?

**A:** Inconel Alloy has high strength, excellent corrosion resistance, and good mechanical properties at elevated temperatures.

**Q:** What industries commonly use Inconel Alloy?

**A:** Inconel Alloy is commonly used in aerospace, chemical processing, and nuclear power generation industries.



**Changzhou Victory Technology Co., Ltd**



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

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