

Stainless Steel Metric DIN Fittings

Introduction

Welcome to Austfluid Link! We specialize in providing high-quality stainless steel metric DIN 2353 fittings for various industrial applications. Our fittings are designed to ensure reliability, durability, and performance in demanding environments.

What are Metric DIN 2353 Fittings?

Metric DIN fittings are compression-style fittings with a flareless bite type construction used to connect metric tubing to fitting thread connections. They consist of a body, ferrule, and nut. The ferrule's cutting edges bite into the outer surface of the tubing, ensuring the necessary holding and sealing power for high operating pressures and extreme vibration

Applications of Stainless Steel Metric DIN 2353 Fittings

Our stainless steel metric DIN fittings are versatile and used in a variety of industries, including:

- **Marine Industry:** Ideal for use in harsh marine environments due to their corrosion resistance.
 - **Chemical Processing:** Suitable for handling aggressive chemicals and high-pressure applications.
 - **Oil and Gas:** Used in pipelines and refineries for their durability and reliability.
 - **Automotive:** Essential for hydraulic systems in vehicles, ensuring safety and performance.
 - **Food and Beverage:** Safe for use in food processing equipment due to their sanitary properties.
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Features and Benefits

Material: Made from 316 stainless steel, ensuring high resistance to corrosion and durability

Design: Flareless bite type construction for secure connections

Applications: Suitable for marine, chemical, diesel engines, oil and gas, and automotive industries

Product Range

We offer a wide range of stainless steel metric DIN 2353 fittings, including:

- **24° Cutting Ring Fittings**
 - **24° Taper Fittings with O-ring**
 - **24° Weld Cones with O-ring**
 - **37° Flared Tube Fittings**
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Technical Specifications

Pressure Ratings: Up to 630 bar depending on the size and series

Temperature Range: -60°C to +400°C for stainless steel fittings

Compliance: Manufactured in accordance with DIN 2353/ISO 8434-1 standards

Installation and Maintenance Tips

To ensure the longevity and performance of your stainless steel metric DIN 2353 fittings, follow these installation and maintenance tips:

- **Proper Installation:** Ensure that the tubing is cut squarely and deburred before assembly. Use the correct tools to avoid damaging the fittings.
 - **Regular Inspections:** Periodically check for signs of wear, corrosion, or leaks. Replace any damaged components immediately.
 - **Cleaning:** Clean the fittings regularly to prevent buildup of contaminants that could affect performance.
 - **Lubrication:** Apply a suitable lubricant to the threads during assembly to reduce friction and prevent galling.
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Frequently Asked Questions (FAQs)

Q: What sizes of stainless steel metric DIN fittings do you offer? A: We offer a wide range of sizes from 6mm to 42mm to meet various application needs.

Q: Are your fittings compliant with international standards? A: Yes, all our fittings are manufactured in accordance with DIN 2353/ISO 8434-1 standards.

Q: Can I get custom fittings made to order? A: Absolutely! We can customize fittings to meet your specific requirements.

Contact us for more details.