

## RTJ Orifice Plate

### Introduction

The **Arrotop RTJ (Ring Type Joint) Orifice Plates (Model Number: ARO-RTJ-009)** are designed to deliver precise and reliable flow measurement and pressure reduction. These plates integrate an integral gasket for secure mounting between RTJ flanges, making them ideal for high-temperature and high-pressure applications, particularly for clean liquids, gases, and low-velocity steam

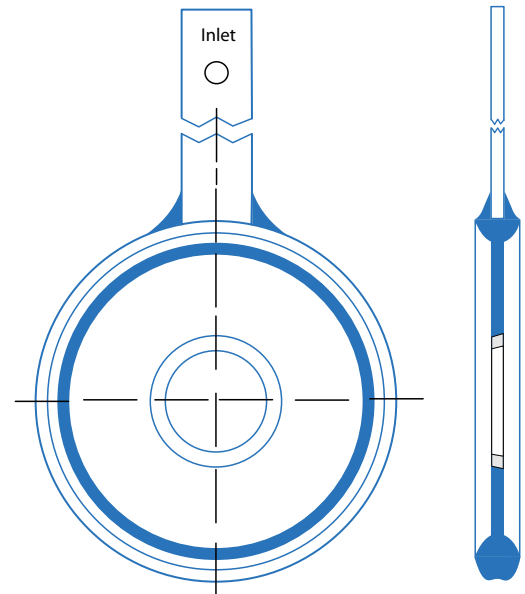
### Product Overview



Arrotop's **RTJ Type Orifice Plates** are crafted using advanced technology to ensure robust performance in rigorous environments. Featuring a seamless integration of the gasket and orifice plate, these plates provide accurate flow measurement and efficient pressure reduction, suited for demanding industrial processes.

### Technical Specifications

Model Number	ARO-RTJ-009
Material	SS 304/L, 316/L, Duplex, Super Duplex, Hastelloy, Carbon Steel, Monel, Inconel, PP, PVC, PTFE-coated, Stellite-coated (special alloys on request)
Sizes	05" to 24" (larger size available on request)
Flange Ratings	ANSI Class 300, 600, 900, 1500, 2500
Beta Ratio	0.2 to 0.75
Thickness	3.18 mm, 6.35 mm, 9.52 mm, 12.7 mm (other on request)
Standards	ISO 5167, ASME B16.36, BS 1042, API 2530, AGA Report 3
Carrier Ring / Gasket	Stainless Steel, Soft Iron
Accuracy	± 0.1% of reading
Repeatability	± 0.1% of reading
Tapping Methods	Flange Taps, Corner Taps



## Size Chart

DN (Nominal Diameter)	Orifice Diameter (mm)	Plate Thickness (mm)
DN50 (2")	50	6.35
DN100 (4")	100	6.35
Dn150 (6")	150	9.52
DN200 (8")	200	9.52
DN250 (10")	250	12.7
DN300 (12")	300	12.7
DN350 (14")	350	12.7
DN400 (16")	400	12.7
DN450 (18")	450	12.7
DN500 (20")	500	12.7
DN600 (24")	600	12.7



## Advantages

- High Accuracy
- Robust Construction
- Versatility
- Efficient Sealing
- Ease of Installation
- Low Maintenance
- Customizable
- Noise Reduction

## Applications

- Chemical Processing
- Oil and Gas
- Power Generation
- Water Treatment
- Food And Beverage
- HVAC System
- Pharmaceutical
- Marine and Shipbuilding
- Automotive
- Mining

## Conclusion

Arrotop's dedication to quality and innovation is reflected in our **RTJ Type Orifice Plates**. Trust Arrotop for high-performance flow measurement solutions designed to excel in challenging industrial applications

## Contact Us



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