

## Restriction Orifice Plate

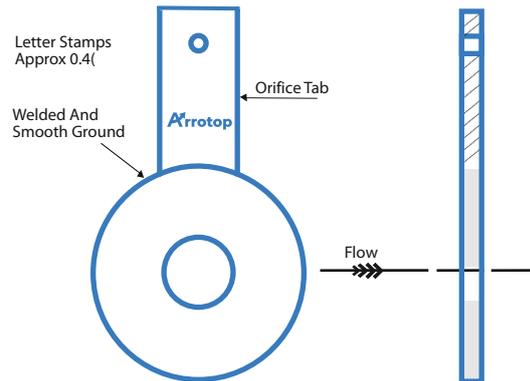
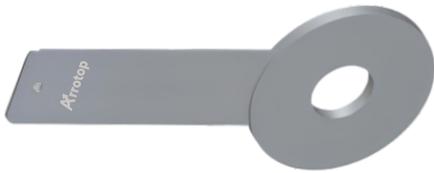
### Introduction

Arrotop is a leading provider of precision-engineered flow measurement solutions, offering a range of restriction orifice plates designed to deliver accurate and reliable flow measurement in various industrial applications.

**Arrotop's restriction orifice plates** are built to meet the highest standards of quality and performance, ensuring efficient operation and long-term reliability

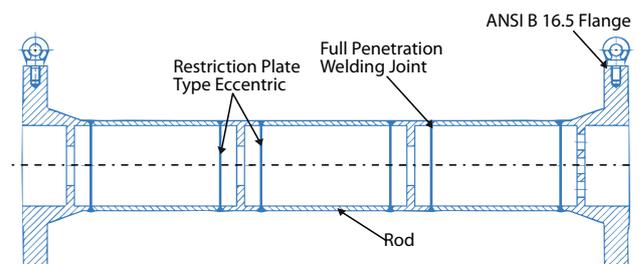
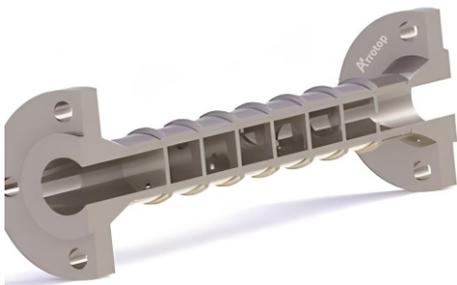
### Types of Restriction Orifice Plates

#### 1. Single-Stage Restriction Orifice Plate



Designed to provide a single pressure drop in the flow stream, **Arrotop's single-stage restriction orifice plates (Model: ARO-SROP-001)** are ideal for applications requiring a precise reduction in pressure. They are commonly used in flow control and pressure reduction applications.

#### 2. Multi-Stage Restriction Orifice Plate



Featuring multiple stages of pressure drop, **Arrotop's multi-stage restriction orifice plates (Model: ARO-MROP-002)** are suitable for applications that require gradual reduction in pressure to avoid cavitation and minimize noise.

### Advantages

- ➡ High Accuracy
- ➡ Robust Construction
- ➡ Noise Reduction
- ➡ Versatility
- ➡ Easy Installation
- ➡ Low Maintenance

### Applications

- ➡ Chemical Processing
- ➡ Oil and Gas
- ➡ Power Generation
- ➡ Water Ad Waste Treatment

## Technical Information

	Single-Stage Model (ARO-SROP-001)	Multi-Stage Model (ARO-MROP-002)	Flow Control Model (ARO-FCROP-003)
Material	SS 304/L, 316/L, Hastelloy, Carbon Steel, Monel, (special alloys on request)	SS 304/L, 316/L, Hastelloy, Carbon Steel, Monel, (special alloys on request)	SS 304/L, 316/L, Hastelloy, Carbon Steel, Monel, (special alloys on request)
Connection Sizes	1/2" NPT, 3/4" NPT, 1" NPT	1/2" NPT, 3/4" NPT, 1" NPT	1/2" NPT, 3/4" NPT, 1" NPT
Pipe Sizes	2" to 120"	2" to 120"	2" to 120"
Pressure Rating	Up to 6000 PSI	Up to 6000 PSI	Up to 6000 PSI
Accuracy	±1.0% of reading	±1.0% of reading	±1.0% of reading
Features	Simple design, easy installation, robust construction	Multiple stages of pressure drop, noise reduction, cavitation prevention	Precise flow control, robust construction, easy installation

## Sizes and Dimensions

DN (Nominal Diameter)	Orifice Diameter (mm)	Plate Thickness (mm)
DN15 (0.5")	15	3.18
DN25 (1")	25	3.18
DN50 (2")	50	6.35
DN100 (4")	100	6.35
Dn150 (6")	150	9.52
DN200 (8")	200	9.52
DN300 (12")	300	12.7
DN400 (16")	400	12.7
DN600 (24")	600	12.7

## Conclusion

With a commitment to quality and innovation, **Arrotop** continues to deliver superior flow measurement solutions. Trust **Arrotop** for your restriction orifice plate needs and experience the excellence that sets us apart.

## Contact Us



sales@arrotop.in  
export@arrotop.in



www.arrotop.in



+91 9930498865  
+91 9930498815