A Restriction Orifice Plate is a device used to restrict flow. It reduces flow and pressure from the upstream side to the downstream side. This is beneficial in order to reduce noise and protect downstream equipment.

### Materials

Standard materials for orifice plates are stainless steel and carbon steel. Contact factory for additional materials such as ceramic, fiberglass reinforced plastic, duplex stainless steel, etc.

### Bore Diameter

Sizing of the restriction orifice is specified by the customer in order to meet specific application requirements. For reference, see below for common design options.

### Codes & Standards

Currently, there are no corresponding codes or standards that address Restriction Orifice Plates.

### Handles

Orifice plates can be ordered with or without a handle. Handles are generally 1” wide by 3 3/4” long.

### Additional Design Options

Restriction Orifice plates can have a variety of specifications. Bores can be placed concentrically or eccentrically with the pipe and can have a full or segmented opening.

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**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP 21 CS</td>
<td>Carbon Steel</td>
</tr>
<tr>
<td>RP 21 SS</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

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Illustration represents a Titan FCI Orifice Plates. Titan FCI’s fabricated products are made to each customer’s unique specifications, and therefore, illustrations may not be accurate for all orifice plates. All materials, illustrations, and product details referenced in this literature are general in nature. Some options may not be available in all sizes and/or models. Titan FCI reserves the right to make design and specification changes to improve the products without prior notification. For exact product specifications, please consult the Titan FCI factory and request certified engineering drawings.