



Raised Face Paddle Plates

Raised Face Paddle Plates are used for flow metering or restriction applications, where the orifice plate is installed between ASME B16.36 flanges for flow metering applications or ASME B16.5 flanges for restriction applications. The assembled units are referred to as Orifice Flange Unions.

STRFPP-03

FEATURES

- **FACING TYPE:** Raised Face ‘RF’ – serrated machined face to ASME B16.5
- **TAG, ANSI Class, Size (in DN), Bore, Material and Type** etched on upstream face of tab.
Part number etched on downstream face of tab handle
- **PLATE THICKNESS:** RF Paddle Plates are available in both metric and imperial thicknesses (needs to be stated with inquiry) **NOTE:** Restriction orifice plates are inherently thicker than flow metering plates.
- **ORIFICE BORE/PLATE TYPE:** Square Edge Concentric (in accordance with Shell S32.102), Bidirectional, 1/4 Circle (in accordance with Shell S32.104), Restriction (in accordance with Shell S32.114)
- **MATERIALS:** Carbon Steel, Stainless Steel 304 & 316, Duplex, Super Duplex, Monel, Inconel
- **SIZES:** 0.5" to 24" (15DN to 600DN) – other sizes available upon request
- **ANSI CLASS:** 150-2500 ANSI
- Drain or Vent holes can be added as an option to flow metering plates
- Manufactured in accordance with ISO 5167, AGA 3, MFCM-3M, ASME B16.5, ASME B16.20 & ASME B16.36
- **OPTIONS:** Painted or special coatings (i.e. Stellite). Please state with inquiry

ORDERING INFORMATION

Part number format for ordering is as follows; **SIZE-ANSI-TYPE-BORE-MTL**

Size	0.5" - 24" (other sizes available upon request)		
ANSI	150, 300, 600, 900, 1500 & 2500		
Orifice bore type	SQC = Square Edge Concentric, BI = Bidirectional, 1/4 = Quarter Circle, REST = Restriction		
Bore	‘d’ dimension in inches (provided by customer or sized by calculation)		
Hole (if required)	V = Vent, D = Drain		
MTL	304 = 304 St. Steel	D = Duplex	M = Monel
	316 = 316 St. Steel	SD = Super Duplex	I = Inconel

WORKED EXAMPLES

Note: “V” or “D” is indicated in the part number only if a Vent or Drain is required

STRFPP-1-150-SQC-0.5-V-316	1" 150 ANSI, Square Edge concentric 0.5" bore RF Paddle Plate, Vented, in 316 St. Steel
STRFPP-24-900-REST-0.5-V-316	124" 900 ANSI, Restriction plate with 12" bore RF Paddle Plate in Super Duplex