



## Conditioning RTJ Paddle Plates

Conditioning orifice plates are specially designed 4-hole orifice plates that condition and correct the flow profile at the point of measurement. They require only a 2D upstream and 2D downstream straight length and the use is intended for non-fiscal measurement applications.

The design can be used within orifice meters (see Roto-Boss™ brochure), some types of Orifice Flange Unions and also in Annular Chambers. The use of conditioning plates is well suited to most gas, liquid and steam applications.

STRTJCPP-03

### FEATURES

- FACING TYPE: Ring Type Joint 'RTJ' – Male (with ring joint) or female (with ring joint groove)
- TAG, ANSI Class, Line Size, Bore, Material & Type etched on the tab handle of the plate
- 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
- Only 2D upstream and 2D downstream straight length requirement required

### ORDERING INFORMATION

Part number format for ordering is as follows; SIZE-RTJ VERSION-ANSI-TYPE-BETA-MTL

Size	0.5" - 24" (other sizes available upon request)		
RTJ VERSION	Male 'M' or Female 'F'		
ANSI	150, 300, 600, 900, 1500 & 2500		
BETA	Sized by calculation		
MTL	<b>304</b> = 304 St. Steel	<b>D</b> = Duplex	<b>M</b> = Monel
	<b>316</b> = 316 St. Steel	<b>SD</b> = Super Duplex	<b>I</b> = Inconel

### WORKED EXAMPLES

STRTJCPP-10-M-900-0.2-316	10" 900 ANSI, male RTJ conditioning paddle plate with 0.2 beta in 316 St. Steel
STRTJCPP-4-F-2500-0.5-D	4" 2500 ANSI, female RTJ conditioning paddle plate with 0.5 beta in Duplex