

# RTW

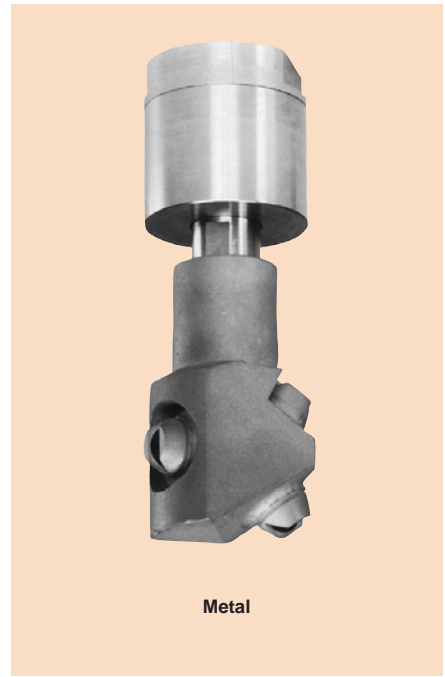
## Rotating Tank and Drum Washing Nozzles

### DESIGN FEATURES

- Fits through a 1.77" opening
- Low leakage, resulting in water and chemical savings, as well as a reduction in treatment costs
- Hardened 400 series Stainless Steel bearings

### SPRAY CHARACTERISTICS

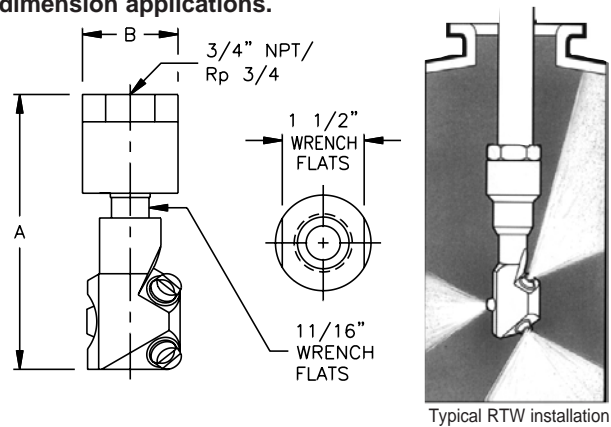
- Slow rotation speed provides better cleaning
  - Wide coverage
- Flow rates:** 5.00 to 55.1 gpm



Dimensions are approximate. Check with BETE for critical dimension applications.

### RTW Coverage Chart When spraying at 40 PSI

Pipe Size	Nozzle Number	Scrubbing Diameter (ft.)	Rinsing Diameter (ft.)
3/4"	RTW 10	2.0	6.0
	RTW 18	4.0	8.0
	RTW 21	4.0	12.0
	RTW 45	6.0	14.0



Dimensions are approximate. Check with BETE for critical dimension applications.

### RTW Flow Rates and Dimensions

Wide Spray Angle, 3/4" Pipe Size, BSP or NPT

Female Pipe Size	Nozzle Number	K Factor	GALLONS PER MINUTE @ PSI						Equivalent Orifice Dia. (in.)	Approx. Dim. (in.)		Wt. (lbs.)
			10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI		A	B	
3/4"	RTW10	1.581	5.00	7.07	8.66	10.0	11.2	12.2	0.156	6.75	1.75	2.1
	RTW18	2.846	9.00	12.7	15.6	18.0	20.1	22.0	0.186			
	RTW21	3.320	10.5	14.8	18.2	21.0	23.5	25.7	0.203			
	RTW45	7.115	22.5	31.8	39.0	45.0	50.3	55.1	0.297			

$$\text{Flow Rate (l/min)} = K \sqrt{\text{PSI}}$$

Standard Materials: 316 Stainless Steel.

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.

SPECIAL PURPOSE

CALL 413-772-0846  
Call for the name of your nearest BETE representative.