



# T series

## FULL CONE Spray Nozzles



### DESIGN FEATURES

- \* Non clog thru hole
- \* One piece construction
- \* Equal droplets distribution
- \* Maximum discharge velocity
- \* Consistent spray spread

### CHARACTERISTICS

- \* Versatile for many demanding applications
- \* Droplets 1/3 smaller than that of internal whirl for similar size
- \* Hollow Cone or Full Cone

### Spray Angle design and spray tested to customer request

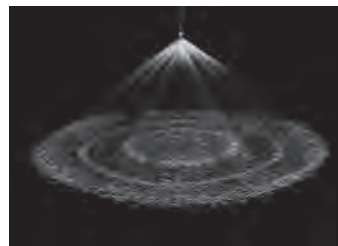
- \* Any angle from 30° through to 180°



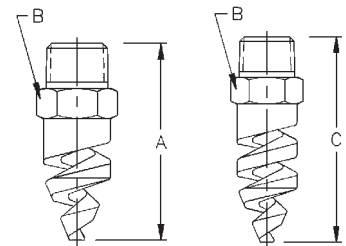
Full Cone 30°/60°



Full Cone 90°/120°



Full Cone 150°/180°



60°, 90°, 120°

150°, 180°

## FULL CONE FLOW RATE VS PRESSURE CHART

Male Pipe Size	Nozzle Number	Any angle Manufactured from 30 thru to 180°	K Factor	LITERS PER MINUTE @ BAR							High Pressure Operation recom. for Metal Only		Approx. (mm)		Dim. (mm) for Metal Only*			Wt. (g)	
				0.5 bar	0.7 bar	1 bar	2 bar	3 bar	5 bar	10 bar	20 bar	Free Orif. Dia.	Pass Dia.	A	B	C	60	90	120
1/8	T 6	30° thru to 180°	3.19	2.26	2.67	3.19	4.5	5.5	7.1	10.1	14.3	2.38	2.38	42.9	14.3		28	6	
	T 8		5.93	4.19	4.96	5.93	8.4	10.3	13.2	18.7	26.5	3.18	3.18						
1/4	T 6	30° thru to 180°	3.19	2.26	2.67	3.19	4.5	5.5	7.1	10.1	14.3	2.38	2.38	47.6	14.3		35	6	
	T 8		5.93	4.19	4.96	5.93	8.4	10.3	13.2	18.7	26.5	3.18	3.18						
	T 10		9.12	6.45	7.63	9.12	12.9	15.8	20.4	28.8	40.8	3.97	3.18						
3/8	T 6	30° thru to 180°	3.19	2.26	2.67	3.19	4.5	5.5	7.1	10.1	14.3	2.38	2.38	47.6	17.5	60.5	46	7	
	T 8		5.93	4.19	4.96	5.93	8.4	10.3	13.2	18.7	26.5	3.18	3.18						
	T 10		9.12	6.45	7.63	9.12	12.9	15.8	20.4	28.8	40.8	3.97	3.18						
	T 12		13.7	9.67	11.4	13.7	19.3	23.7	30.6	43.2	61.1	4.76	3.18						
3/8	T 14	30° thru to 180°	18.5	13.1	15.4	18.5	26.1	32.0	41.3	58.4	82.6	5.56	3.18						
	T 16		24.2	17.1	20.2	24.2	34.2	41.8	54.0	76.4	108	6.35	3.18						
1/2	T 20	30° thru to 180°	37.6	26.6	31.5	37.6	53.2	65.1	84.1	119	168	7.94	3.18						
	T 24		54.9	38.8	46.0	54.9	77.7	95.1	123	174	246	9.53	4.76						
1/2	T 28	30° thru to 180°	75.2	53.2	62.9	75.2	106	130	168	238	336	11.1	4.76	63.5	22.2	77.7	85	14	
	T 32		95.7	67.7	80.1	95.7	135	166	214	303	428	12.7	4.76						
3/4	T 40	30° thru to 180°	153	108	128	153	216	264	341	483	683	15.9	6.35	92.1	34.9	111	241	71	
	T 48		217	153	181	216	306	375	484	685	968	19.1	6.35						
1 1/2	T 56	30° thru to 180°	294	208	246	294	416	509	657	930	1320	22.2	7.94	111	50.8	137	624	120	
	T 64		385	272	322	385	545	667	861	1220	1720	25.4	7.94						
	T 72		438	309	366	438	619	758	978	1380	1960	28.6	7.94						
2	T 80	30° thru to 180°	500	354	418	500	707	866	1118	1581	2236	30.8	11.1	143	63.5	175	1300	227	
	T 88		638	451	534	638	902	1110	1430	2020	2850	34.9	11.1						
	T 96		806	570	674	806	1140	1400	1800	2550	3600	38.1	11.1						
3	T 112	30° thru to 180°	1170	825	976	1170	1650	2020	2610	3690	5220	44.4	14.3	219	88.9		3230	567	
	T 128		1550	1090	1290	1550	2190	2680	3460	4891	6920	50.8	14.3						
4	T 160	30° thru to 180°	2390	1690	2000	2390	3380	4140	5350	7570	10700	63.5	15.9	257	114		4790	765	

Standard Materials: Brass, 316 Stainless Steel, PVC, Polypropylene, and PTFE.