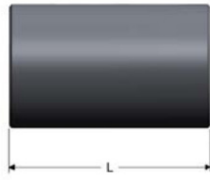
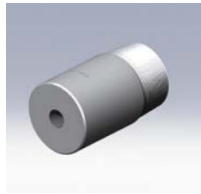
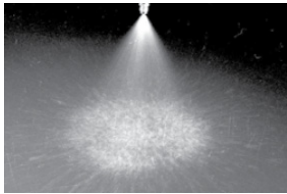


# Threaded Nozzles – Full Cone Series PS & PSW



Thread female (BSPT)	Dim. A (mm)	Dim. L (mm)	Thread male (BSPT)	Dim. A (mm)	Dim. L (mm)
11/4FPS	51	83	11/4PS	45	76
11/2FPS	64	108	11/2PS	51	102
2FPS	76	149	2PS	64	105
2 1/2 FPS	89	149	2 1/2 PS	76	114
3FPS	102	149	3PS	89	140

## SPRAY CHARACTERISTICS:

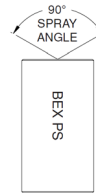
A full cone spray pattern with large flow capacities. Spray angle is 90° or 120°(included angle). Other sizes and spray angles available upon request.

## TYPICAL APPLICATIONS:

- Scrubbing and Pollution Control
- Rinsing and Cooling

## CONSTRUCTION:

The models listed are machined from plastic and consist of a body plus a non-removable insert. Standard materials are PVC, CPVC and polypropylene.



Model Number		Thread BSPT	MAX. FREE PASSAGE (mm)	CAPACITY (L/min) AT VARIOUS PRESSURES (bar)									
female	male			0.2 bar	0.3 bar	0.5 bar	0.7 bar	1.5 bar	3 bar	4 bar	5 bar	6 bar	
1 1/4 FPS17	1 1/4 PS17	1 1/4"	6.4	35	42	55	65	95	134	155	173	190	
1 1/4 FPS20	1 1/4 PS20	1 1/4"	6.4	41	50	64	76	112	158	182	204	223	
1 1/2 FPS17	1 1/2 PS17	1 1/2"	6.4	35	42	55	65	95	134	155	173	190	
1 1/2 FPS19	1 1/2 PS19	1 1/2"	6.4	39	47	61	72	106	150	173	194	212	
1 1/2 FPS21	1 1/2 PS21	1 1/2"	6.4	43	52	68	80	117	166	191	214	234	
1 1/2 FPS25	1 1/2 PS25	1 1/2"	7.9	51	62	81	95	140	197	228	255	279	
1 1/2 FPS29	1 1/2 PS29	1 1/2"	7.9	59	72	93	111	162	229	264	296	324	
2 FPS20	2 PS20	2"	6.4	41	50	64	76	112	158	182	204	223	
2 FPS25	2 PS25	2"	7.9	51	62	81	95	140	197	228	255	279	
2 FPS32	2 PS32	2"	7.9	65	80	103	122	179	253	292	326	357	
2 FPS40	2 PS40	2"	9.5	82	100	129	153	223	316	365	408	447	
2 FPS48	2 PS48	2"	9.5	98	120	155	183	268	379	438	489	536	
2 FPS55	2 PS55	2"	13.5	112	137	177	210	307	434	501	561	614	
2 FPS60	2 PS60	2"	13.5	122	150	193	229	335	474	547	611	670	
2 FPS72	2 PS72	2"	14.3	147	180	232	275	402	568	656	734	804	
2 FPS76	2 PS76	2"	14.3	155	190	245	290	424	600	693	775	848	
2 FPS84	2 PS84	2"	15.9	171	210	271	320	469	663	766	856	938	
2 1/2 FPS84	2 1/2 PS84	2 1/2"	15.9	171	210	271	320	469	663	766	856	938	
2 1/2 FPS96	2 1/2 PS96	2 1/2"	17.5	196	240	309	366	536	758	875	978	1072	
2 1/2 FPS108	2 1/2 PS108	2 1/2"	17.5	220	270	348	412	603	853	984	1101	1206	
3 FPS70	3 PS70	3"	14.3	38	175	226	267	391	553	638	713	781	
3 FPS100	3 PS100	3"	17.5	204	250	322	381	558	789	912	1019	1116	
3 FPS115	3 PS115	3"	17.5	234	287	371	439	642	908	1048	1172	1284	
3 FPS140	3 PS140	3"	20.6	285	349	451	534	781	1105	1276	1427	1563	