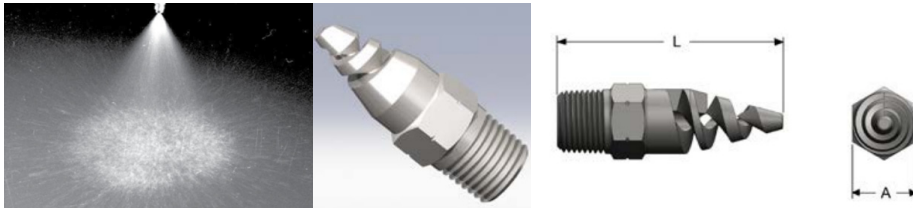


Threaded Nozzles – Full Cone Series YS



SPRAY CHARACTERISTICS:

A full cone spray pattern with larger flow rates and smaller droplet sizes. Durable, one-piece, anti-clog design has no internal vane to clog or wear out.

CONSTRUCTION:

All models are machined from solid bar stock. Standard materials of construction are brass, 303 stainless steel, 316 stainless steel, PVC and Teflon®. Other materials may be available on request.

TYPICAL APPLICATIONS:

- Washing and Rinsing
- Gas Cooling
- Chemical Processing
- Cooling Sprays
- Humidification

Available Spray Angles	BEX Size	Thread BSPT	MAX. FREE PASSAGE (mm)	Dimension		CAPACITY (L/min) AT VARIOUS PRESSURES (bar)													
				"A" (mm)	"L" (mm)	0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	6 bar	10 bar	13 bar	17 bar	20 bar	
60°	7	1/4"	2.21	14 Hex	30.2	1.75	2.26	2.67	3.20	3.90	4.50	5.50	6.40	7.80	10.1	11.5	13.2	14.3	
	13	1/4"	3.18	14 Hex	30.2	3.25	4.20	5.00	5.90	7.30	8.40	10.3	11.9	14.5	18.7	21.4	24.4	26.5	
	20	1/4"	3.96	14 Hex	30.2	5.00	6.50	7.60	9.10	11.2	12.9	15.8	18.2	22.3	28.8	33.0	38.0	41.0	
	30	3/8"	4.78	17 Hex	54.0	7.50	9.70	11.4	13.7	16.8	19.3	23.7	27.4	34.0	43.0	49.0	56.0	61.0	
	40	3/8"	5.56	17 Hex	54.0	10.0	12.9	15.5	18.2	22.3	25.8	31.6	36.0	45.0	58.0	66.0	75.0	82.0	
	53	3/8"	6.35	17 Hex	54.0	13.2	17.1	20.2	24.2	29.6	34.0	42.0	48.0	59.0	76.0	87.0	100	108	
	82	3/8"	7.95	17 Hex	54.0	20.5	26.4	31.3	37.4	46.0	53.0	65.0	75.0	92.0	118	135	154	167	
	90°	120	1/2"	9.53	22 Hex	63.5	30.0	39.0	46.0	54.7	67.0	77.0	95.0	109	134	173	197	226	245
	120°	164	1/2"	11.1	22 Hex	63.5	41.0	53.0	63.0	74.8	92	106	129	149	183	236	270	308	334
	150°	210	3/4"	12.7	27 Hex	73.0	52.0	38.0	80.0	95.7	117	135	166	191	234	303	345	395	428
	170°	340	1"	15.9	35 Hex	93.6	85.0	110	130	155	190	219	268	310	280	490	559	639	693
		470	1"	19.1	35 Hex	93.6	117	151	179	214	262	303	371	428	525	677	772	883	958
640		1 1/2"	22.0	50 Hex	160	159	243	244	291	357	412	505	582	714	921	1050	1201	1303	
820		1 1/2"	25.0	50 Hex	160	204	336	312	373	458	528	647	747	916	1182	1348	1541	1672	
960		1 1/2"	28.0	50 Hex	160	239	309	366	437	536	618	758	875	1072	1383	1577	1804	1957	
1400		2"	34.0	64 Hex	170	349	451	534	638	782	902	1105	1277	1564	2019	2302	2632	2855	
1780	2"	38.0	64 Hex	170	444	573	679	811	994	1147	1405	1623	1988	2566	2926	3346	3629		