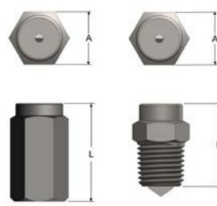
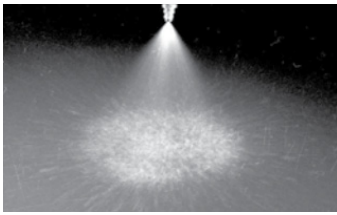


# Threaded Nozzles – Full Cone Series RS



Model	Dimension A (mm)	Dimension L (mm)
1/8S	11 HEX	21
1/4S	14 HEX	24
3/8S	17 HEX	29
1/2S	22 HEX	33
3/4FS	27 HEX	52
3/4S	35 HEX	40
1FS	32 HEX	26
1S	42 dia.	68

## SPRAY CHARACTERISTICS:

Full cone spray pattern, with uniform distribution throughout the cone.

## TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Foam Breaking

## CONSTRUCTION:

The nozzle contains a patented insert with larger flow passages than older styles, and is less susceptible to clogging. Standard materials are brass, 303 stainless steel, and 316 stainless steel.

Available Spray Angles	MODEL NUMBER	Thread BSPT	CAPACITY (L/min) AT VARIOUS PRESSURES (bar)							
			0.5 bar	0.7 bar	1 bar	2 bar	3 bar	5 bar	7 bar	10 bar
120°	R1/8SXX1.0	1/8"	0.56	0.64	0.75	1	1.18	1.47	1.69	1.96
	R1/8SXX1.2	1/8"	0.68	0.78	0.91	1.2	1.44	1.79	2.06	2.39
	R1/8SXX1.5	1/8"	0.83	0.96	1.11	1.5	1.76	2.18	2.51	2.92
	R1/8SXX1.8	1/8"	1.01	1.17	1.35	1.8	2.15	2.66	3.06	3.56
	R1/8SXX2.2	1/8"	1.23	1.42	1.65	2.2	2.62	3.25	3.74	4.34
	R1/8SXX2.7	1/8"	1.51	1.73	2.01	2.7	3.2	4	4.6	5.3
	R1/8SXX3.2	1/8"	1.8	2.1	2.4	3.2	3.8	4.7	5.4	6.3
	R1/4SXX4.0	1/4"	2.2	2.6	3	4	4.8	5.9	6.8	7.9
	R1/4SXX4.9	1/4"	2.7	3.1	3.7	4.9	5.8	7.2	8.3	9.6
	90°	R3/8SXX6.0	3/8"	3.3	3.8	4.5	6	7.1	8.8	10.1
R3/8SXX7.3		3/8"	4.1	4.7	5.4	7.3	8.6	10.7	12.3	14.3
R3/8SXX8.6		3/8"	4.8	5.5	6.4	8.6	10.2	12.6	14.5	16.9
75°	R1/2SXX10	1/2"	5.7	6.51	7.57	10	12	15	17	20
	R1/2SXX12	1/2"	6.7	7.68	8.92	12	14	18	20	23
60°	R1/2SXX14	1/2"	7.9	9.05	10.5	14.1	16.7	20.7	23.8	27.7
	R1/2SXX017	1/2"	9.3	10.7	12.4	16.6	19.7	24.4	28.1	32.6
45°	R3/4SXX20	3/4"	10.9	12.6	14.6	19.5	23.2	28.7	33.1	38.4
	R3/4SXX23	3/4"	12.9	14.8	17.2	23	27.3	33.9	39	45.3
	R3/4SXX27	3/4"	15.2	17.5	20.3	27.2	32.2	39.9	46	53.4
	R3/4SXX32	3/4"	17.9	20.6	23.9	32	38	47	54.2	62.9
	R1SXX38	1"	21.1	24.3	28.2	37.7	44.7	55.5	63.9	74.2
	R1SXX45	1"	24.9	28.6	33.3	44.5	52.7	65.4	75.3	87.5
	R1SXX52	1"	29.3	33.7	39.2	52.4	62.2	77.1	88.8	103.1
	R1SXX62	1"	34.5	39.8	46.2	61.8	73.3	90.8	104.6	121.5
	R1SXX73	1"	40.7	46.9	54.5	72.9	86.4	107.1	123.3	143.3

## How to Order :

R1/2"

Thread

RS

Series/  
Nozzle-Type

75

Spray Angle  
45° - 120°

12

Size (capacity)  
1.0 - 73

-3

Material  
B – brass  
3 – stainless steel 303  
6 – stainless steel 316

BEX Full Cone Spray Nozzles Series „RS“ Item : R1/8"RS7512-3