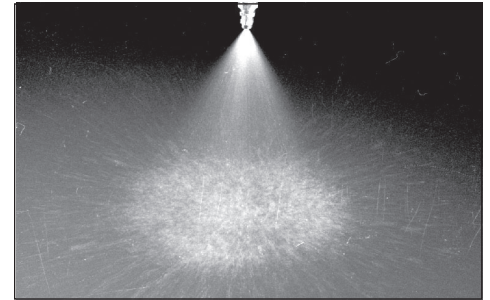
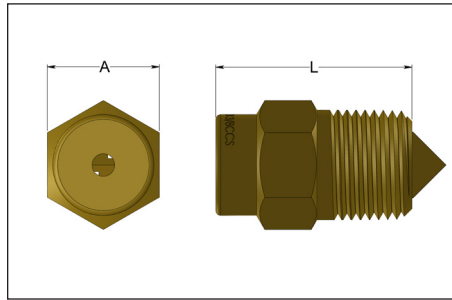
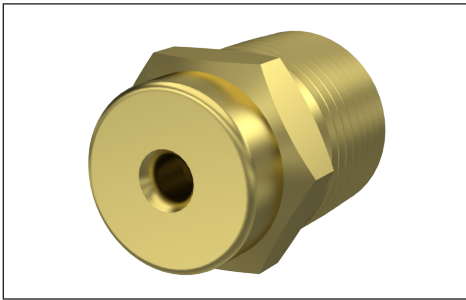




CCS SERIES SPRAY NOZZLES

FULL CONE • THREADED CONNECTION • ONE-PIECE



SPRAY CHARACTERISTICS:

Full cone spray pattern with a distribution that is heavier in the middle. Spray angle remains nearly constant at pressures between 20 and 80 p.s.i.

CONSTRUCTION:

CCS nozzles are machined from bar and consist of a one-piece body, plus a non-removable insert. Standard material is brass.

TYPICAL APPLICATIONS:

Suitable for temperature control applications, where the volume of sprayed coolant can be adjusted without significantly affecting spray coverage. This enables the user to maximize heat transfer efficiency while avoiding loss of coverage area. CCS nozzles feature an internal insert which are subject to thermal cycling.

- Continuous Casting and Billet Casting
- Rising and Cooling
- Heat Exchanger Cooling
- Chemical Processing

MODEL NUMBER	Dim. 'A' (inches)	Dim. 'L' (inches)
1/4CCS	⁹ / ₁₆ HEX	¹⁵ / ₁₆
3/8CCS	¹¹ / ₁₆ HEX	1 ³ / ₁₆

Model ID	Spray Angle @ 3 bar	Maximum Free Passage	Capacities at Various Pressures										
			1.0 bar	1.5 bar	2 bar	2.5 bar	3 bar	3.5 bar	4 bar	4.5 bar	5 bar	6 bar	7 bar
1/4CCS4917	49	2.31	3.9	4.7	5.5	6.1	6.7	7.2	7.7	8.2	8.7	9.5	10.2
3/8CCS4917		2.31	3.9	4.7	5.5	6.1	6.7	7.2	7.7	8.2	8.7	9.5	10.2
3/8CCS4922		2.31	5.0	6.1	7.1	7.9	8.7	9.4	10.0	10.6	11.2	12.3	13.3
3/8CCS4927		2.59	6.2	7.5	8.7	9.7	10.7	11.5	12.3	13.1	13.8	15.1	16.3
3/8CCS4931		2.90	7.1	8.7	10.0	11.2	12.2	13.2	14.1	15.0	15.8	17.3	18.7
1/4CCS5710	57	1.63	2.28	2.79	3.2	3.6	3.9	4.3	4.6	4.8	5.1	5.6	6.0
1/4CCS5713		2.06	2.96	3.6	4.2	4.7	5.1	5.5	5.9	6.3	6.6	7.3	7.8
1/4CCS5715		2.31	3.4	4.2	4.8	5.4	5.9	6.4	6.8	7.3	7.6	8.4	9.0
1/4CCS5718		2.31	4.1	5.0	5.8	6.5	7.1	7.7	8.2	8.7	9.2	10.0	10.9
3/8CCS5718		2.31	4.1	5.0	5.8	6.5	7.1	7.7	8.2	8.7	9.2	10.0	10.9
3/8CCS5726		2.31	5.9	7.3	8.4	9.4	10.3	11.1	11.9	12.6	13.2	14.5	15.7
3/8CCS5731		2.59	7.1	8.7	10.0	11.2	12.2	13.2	14.1	15.0	15.8	17.3	18.7
3/8CCS5744		2.64	10.0	12.3	14.2	15.9	17.4	18.8	20.1	21.3	22.4	24.6	26.5
1/4CCS6624	66	1.63	5.5	6.7	7.7	8.6	9.5	10.2	10.9	11.6	12.2	13.4	14.5
3/8CCS6624		2.31	5.5	6.7	7.7	8.6	9.5	10.2	10.9	11.6	12.2	13.4	14.5
1/4CCS6629		2.31	6.6	8.1	9.3	10.4	11.4	12.4	13.2	14.0	14.8	16.2	17.5

* TABLE CONTINUES ON FOLLOWING PAGE



CCS SPRAY NOZZLE SPECIFICATIONS

FULL CONE • THREADED CONNECTION • ONE-PIECE CONSTRUCTION

www.BEX.com

Model ID	Spray Angle @ 3 bar	Maximum Free Passage	Capacities at Various Pressures										
			1.0 bar	1.5 bar	2 bar	2.5 bar	3 bar	3.5 bar	4 bar	4.5 bar	5 bar	6 bar	7 bar
3/8CCS6629	66	2.31	6.6	8.1	9.3	10.4	11.4	12.4	13.2	14.0	14.8	16.2	17.5
3/8CCS6633		2.31	7.5	9.2	10.6	11.9	13.0	14.1	15.0	16.0	16.8	18.4	19.9
3/8CCS6648		2.90	10.9	13.4	15.5	17.3	18.9	20.5	21.9	23.2	24.5	26.8	28.9
1/4CCS7622	76	2.31	5.0	6.1	7.1	7.9	8.7	9.4	10.0	10.6	11.2	12.3	13.3
1/4CCS7628		2.31	6.4	7.8	9.0	10.1	11.1	11.9	12.8	13.5	14.3	15.6	16.9
3/8CCS7628		2.31	6.4	7.8	9.0	10.1	11.1	11.9	12.8	13.5	14.3	15.6	16.9
3/8CCS7638		2.31	8.7	10.6	12.2	13.7	15.0	16.2	17.3	18.4	19.4	21.2	22.9
3/8CCS7664		2.90	14.6	17.9	20.6	23.1	25.3	27.3	29.2	30.9	33	36	39
1/4CCS8618	86	2.31	4.1	5.0	5.8	6.5	7.1	7.7	8.2	8.7	9.2	10.0	10.9
1/4CCS8633		2.31	7.5	9.2	10.6	11.9	13.0	14.1	15.0	16.0	16.8	18.4	19.9
3/8CCS8633		2.31	7.5	9.2	10.6	11.9	13.0	14.1	15.0	16.0	16.8	18.4	19.9
3/8CCS8642		2.31	9.6	11.7	13.5	15.1	16.6	17.9	19.1	20.3	21.4	23.4	25.3
3/8CCS8649		2.59	11.2	13.7	15.8	17.7	19.3	20.9	22.3	23.7	25.0	27.4	29.5
3/8CCS8667		2.59	6.4	7.8	9.0	10.1	11.0	11.9	12.7	13.5	14.3	15.6	16.9