



F-94

Nozzle for carbon black production

CARBON BLACK NOZZLE



The F-94 Nozzle is available in a wide range of spray angles for many diverse applications. A unique spirally milled core or "disc" produces a high velocity spinning action that gives a solid cone distribution of medium atomization. The tip has a straight machine thread for use with a male or female adaptor with NPT connections. This Nozzle is particularly successful for dust suppression, industrial washers, coal washing and the production of carbon black.

MATERIAL

Standard in 416 Stainless Steel. Also available in 304 and 316 Stainless Steel

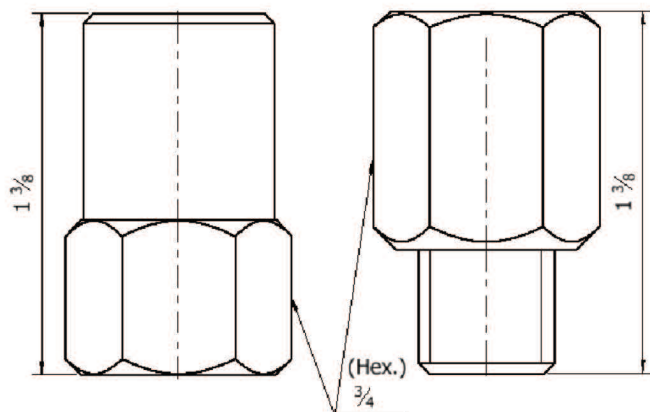
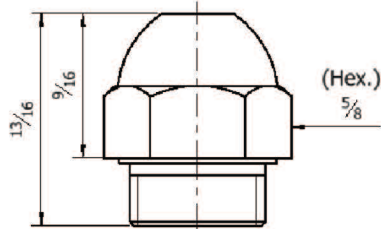
PIPE CONNECTION

1/4 "NPT male

SPRAY ANGLES

15°, 30°, 45°, 60°, 80° at 100 PSI

CAPACITIES & DIMENSIONS



Nozzle No.*	Minimum Capacity: Gallons Per Hour				
	Operating Pressure: Lbs. per Square Inch				
	25	40	60	80	100
12.0	6.0	7.6	9.2	10.7	12.0
15.5	7.8	9.8	12.0	13.9	15.5
17.5	8.8	11.1	13.6	15.7	17.5
19.5	9.8	12.3	15.1	17.4	19.5
24.0	12.0	15.2	18.6	21.4	24.0
30.0	15.0	18.9	23.2	26.8	30.0
35.0	17.5	22.1	27.1	31.3	35.0
37.0	18.5	23.4	28.7	33.1	37.0
40.0	20.0	25.2	31.0	35.8	40.0
45.0	22.5	28.4	34.9	40.3	45.0
50.0	25.0	31.5	38.7	44.8	50.0
60.0	30.0	37.9	46.4	53.7	60.0
72.0	36.0	45.5	55.6	64.4	72.0
88.0	44.0	55.6	68.0	78.6	88.0
100	50.0	63.1	77.4	89.5	100
120	60.0	75.8	92.4	107	120
137	68.5	86.6	106	122	137
150	75.0	95.0	116	134	150
175	87.5	111	135	156	175
200	100	126	155	178	200
250	125	158	193	224	250
300	150	189	232	268	300
400	200	253	310	358	400

* „Nozzle No.“ is capacity in GPH @ 100 PSI water pressure