

# High Flow Assemblies

## The Best Way to Handle Your High Flow Applications

We recommend using our **OC8 Holders** and **OC8 Carbide Inserts** where filtration is poor, abrasive solids are present, or for very high flow applications. These nozzle tips are offered for both 15K psi and 20K psi connections. The replaceable carbide inserts are available in large orifice diameters to handle high flows and offer a long taper to provide excellent jet quality and distance. Additional **OC8 Flow Conditioners** are available by request.



The **OC8 P8 Holder** and **OC Carbide Inserts** for 15K psi, 1/2" npt, female connection.



The **OC8 P12 Holder** and **OC Carbide Inserts** for 15K psi, 3/4" npt, female connection.



The **OC8 G12 Holder** and **OC Carbide Inserts** for 20Kpsi, 3/4" G12, female connection.

**OC8 Flow Conditioners** can be used with each of the holders above. These devices reduce turbulence in the water which helps provide better jet quality and increase production with harder hitting jet power.



### OC8 Carbide Insert Flow Chart (in gpm)

ORIFICE ID in mm	Pressure - kpsi & bar										Flow Rating
	2 138	4 276	6 414	8 552	10 700	12 827	14 966	16 1103	18 1241	20 1400	
.063 1.6	4.8	6.7	8.2	9.5	10.6	11.7	12.6	13.5	14.3	15.11	6
.075 1.9	6.8	9.6	11.7	13.5	15.1	16.6	17.9	19.1	20.3	21.4	9
.085 2.1	8.7	12.3	15	17.4	19.4	21.3	23	24.6	26	27.5	12
.095 2.4	10.8	15.3	18.8	21.7	24.3	26.6	28.7	30.7	32.6	34.3	15
.105 2.7	13.2	18.8	23	26.5	29.7	32.5	35.1	37.5	39.8	42	19
.125 3.2	18.8	26.6	32.5	37.6	42	46	49.7	53.2	56.4	59.4	26
.145 3.7	25.3	35.8	43.8	50.6	56.6	62	67	71.6	75.9	80	36
.165 4.2	32.7	46.3	56.7	65.5	73.2	80.2					46
.190 4.8	43.4	61.4	75.2	86.9	97.1	106					61
.215 5.5	55.6	78.7	96.3	111	124						78
.250 6.3	75.2	106	130	150	168						106