

OC Carbide Insert Tips



When certain field conditions dictate



We recommend using carbide nozzle tips where filtration is poor, abrasive solids are present, or for very high flow. Otherwise we recommend **Attack® Tips**

Carbide Tip Orifice Flow Chart (in usgpm)

ORIFICE ID in. mm	PRESSURE - kpsi and bar										Flow Rating	Availability			
	2 138	4 276	6 414	8 552	10 690	12 827	14 966	16 1103	18 1241	20 1380		OCV	OCIH	OCL	
.024	0.61	0.69	0.98	1.2	1.4	1.6	1.7	1.8	2.0	2.1	2.2	1.0	.	.	.
.028	0.71	0.94	1.3	1.6	1.9	2.1	2.3	2.5	2.7	2.8	3.0	1.3	.	.	.
.031	0.79	1.2	1.6	2.0	2.3	2.6	2.8	3.1	3.3	3.5	3.7	1.6	.	.	.
.036	0.91	1.7	2.4	3.0	4.4	3.8	4.2	4.5	4.8	5.1	5.4	2.4	.	.	.
.039	0.99	1.8	2.6	3.2	3.7	4.1	4.5	4.9	5.2	5.5	5.8	2.6	.	.	.
.043	1.09	2.2	3.2	3.9	4.5	5.0	5.5	5.9	6.3	6.7	7.0	3.2	.	.	.
.047	1.19	2.7	3.8	4.6	5.3	6.0	6.5	7.0	7.5	8.0	8.5	3.8	.	.	.
.055	1.40	3.6	5.2	6.3	7.3	8.1	8.9	9.6	10	11	12	5.2	.	.	.
.062	1.57	4.6	6.5	8.0	9.3	10	11	12	13	14	15	6.5	.	.	.
.067	1.70	5.4	7.6	9.4	11	12	13	14	15	16	17	7.6	.	.	.
.073	1.85	6.4	9.1	11	13	14	16	17	18	19	20	9.1	.	.	.
.078	1.98	7.3	10	13	15	16	18	19	21	22	23	10	.	.	.
.089	2.26	9.5	14	16	19	21	23	25	27	29	30	14	.	.	.
.093	2.36	10	15	18	21	23	26	28	30	31	33	15	.	.	.
.106	2.69	14	19	23	27	30	33	36	38	41	43	19	.	.	.
.125	3.18	19	27	33	38	42	46	50	53	56	60	27	.	.	.
.140	3.56	24	33	41	47	53	58	62	67	71	75	33	.	.	.
.155	3.94	29	40	49	57	64	70	76	83	88	93	41	.	.	.
.172	4.38	36	50	62	71	80	87	94				50		.	.
.187	4.75	42	60	73	84	94	103	111				60		.	.
.203	5.16	50	70	86	99	111	122	131				70		.	.
.219	5.56	58	82	100	116	129	141	153				82		.	.
.234	5.94	66	93	114	132	147	162	174				98		.	.
.250	6.35	75	106	130	151	168	184	199				106		.	.
.313	7.95	118	167	204	236	264	289	312				167		.	.
.375	9.53	169	240	293	339	379	415	448				240		.	.

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