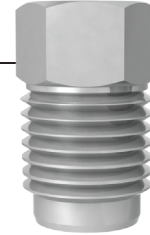


CARBIDE ATTACK TIPS

StoneAge Attack Tips are the highest quality, longest lasting nozzles available for low and medium pressure applications (up to 22k psi/1500 bar). Carbide nozzles are a good selection for lower quality water or dirty water applications. They offer a high quality jet and great erosion resistance. Flow straighteners correct turbulence, ensuring excellent jetting results.



CNP2
1/8 NPT

NOZZLE FLOW CHART

		PRESSURE (PSI & BAR)																									
Nozzle Size			2,000		4,000		6,000		8,000		10,000		12,000		14,000		15,000		16,000		18,000		20,000		22,000		Cd
	in.	mm	140		280		410		550		700		830		970		1000		1100		1200		1400		1500		
FLOW (GPM & L/MIN)	.018	0.46	0.4	2	0.6	2	0.7	3	0.8	3	0.9	3	1.0	4	1.0	4	1.1	4	1.1	4	1.2	5	1.2	5	1.3	5	0.6
	.020	0.51	0.5	2	0.7	3	0.8	3	1.0	4	1.1	4	1.2	5	1.3	5	1.3	5	1.5	6	1.5	6	1.5	6	1.6	6	0.7
	.022	0.56	0.6	2	0.8	3	1.0	4	1.2	5	1.3	5	1.4	5	1.5	6	1.6	6	1.6	6	1.7	6	1.8	7	1.9	7	0.8
	.024	0.61	0.7	3	1.0	4	1.2	5	1.4	5	1.6	6	1.7	6	1.8	7	1.9	7	2.0	8	2.1	8	2.2	8	2.3	9	1.0
	.026	0.66	0.8	3	1.2	5	1.4	5	1.6	6	1.8	7	2.0	8	2.1	8	2.2	8	2.3	9	2.4	9	2.6	10	2.7	10	1.1
	.029	0.74	1.0	4	1.4	5	1.7	6	2.0	8	2.3	9	2.5	10	2.7	10	2.8	11	2.9	11	3.0	11	3.2	12	3.4	13	1.4
	.032	0.81	1.2	5	1.7	6	2.1	8	2.5	10	2.8	11	3.0	11	3.3	13	3.4	13	3.5	13	3.7	14	3.9	15	4.1	16	1.7
	.035	0.89	1.5	6	2.1	8	2.6	10	3.0	11	3.3	13	3.6	14	3.9	15	4.0	15	4.2	16	4.4	17	4.7	18	4.9	19	2.1
	.038	0.97	1.7	6	2.5	10	3.0	11	3.5	13	3.9	15	4.3	16	4.6	18	4.8	18	4.9	19	5.2	20	5.5	21	5.7	22	2.5
	.042	1.07	2.1	8	3.0	11	3.7	14	4.2	16	4.7	18	5.2	20	5.6	21	5.8	22	6.0	23	6.4	24	6.7	26	7.0	27	3.0
	.047	1.19	2.7	10	3.8	14	4.6	18	5.3	20	5.9	22	6.5	25	7.0	27	7.3	28	7.5	29	8.0	30	8.4	32	8.8	34	3.8
	.052	1.32	3.3	13	4.6	18	5.6	21	6.5	25	7.3	28	8.0	30	8.6	33	8.9	34	9.2	35	9.8	37	10	38	11	42	4.6
	.057	1.45	3.9	15	5.5	21	6.8	26	7.8	30	8.7	33	9.6	37	10	38	11	42	11	42	12	46	12	46	13	50	5.5
	.063	1.60	4.8	18	6.8	26	8.3	32	9.6	37	11	42	12	46	13	50	13	50	14	53	14	53	15	57	16	61	6.8
	.069	1.78	5.7	22	8.1	31	9.9	38	12	46	13	50	14	53	15	57	16	61	16	61	17	65	18	69	19	72	8.1
	.075	1.91	6.8	26	9.6	37	12	46	13	50	15	57	17	65	18	69	19	72	19	72	20	76	21	80	23	88	9.6
.082	2.08	8.1	31	12	46	14	53	16	61	18	69	20	76	21	80	22	84	23	88	24	91	26	99	27	103	12	
.090	2.29	9.8	37	14	53	17	65	20	76	22	84	24	91	26	99	27	103	28	107	29	111	31	118	32	122	14	
.098	2.49	12	46	16	61	20	76	23	88	26	99	28	107	31	118	32	122	33	126	35	133	37	141	38	145	16	
.106	2.69	14	53	19	72	23	88	27	103	30	114	33	126	36	137	37	141	38	145	41	156	43	164	45	171	19	
.115	2.92	16	61	23	88	28	107	32	122	36	137	39	149	42	160	44	168	45	171	48	183	50	191	53	202	23	
.125	3.18	17	65	27	103	33	126	38	145	42	160	46	175	50	191	52	198	53	202	56	213	60	229	62	236	27	
.135	3.43	22	84	31	118	38	145	44	168	49	187	54	206	58	221	60	229	62	236	66	252	69	263	73	278	31	
.145	3.68	25	95	36	137	44	168	51	194	57	217	62	236	67	255	69	263	72	274	76	290	80	305	84	320	36	
.155	3.94	29	111	41	156	50	191	58	221	65	248	71	271	77	293	79	301	82	313	87	332	92	351	96	366	41	
.165	4.19	33	126	46	175	57	217	66	252	73	278	80	305	87	332	90	343	93	354	98	373	104	396	109	415	46	

For the most accurate nozzle selection for your tool, use the StoneAge Jetting App:

JETTING.STONEAGETOOLS.COM