

# StoneAge® Attack Tips

**The Longest Lasting, Highest Quality Jets Made**

**AP4**  
1/4 npt



**APF4**  
1/4 npt  
flush  
mount



**AP2**  
1/8 npt



Shown larger than actual size.

Flow straighteners are installed in most **Attack Tips**.

## Hardened and polished stainless steel tips

Thanks to our high efficiency nozzle design and our unique 7-step manufacturing process, **StoneAge® Attack Tips** are the best quality, longest lasting tip we have found. The flow straightener corrects power-robbing turbulence, ensuring excellent jetting results. **StoneAge®** tests show the **Attack Tips** can outlast tungsten carbide jets.

### Attack Tip Orifice Flow Chart (in gpm)

ORIFICE ID		Pressure - kpsi & bar										Flow Rating
		2	4	6	8	10	12	14	16	18	20	
in.	mm	138	276	414	552	700	827	966	1103	1241	1400	
.018	0.46	0.39	0.55	0.68	0.78	0.87	0.96	1.0	1.1	1.2	1.2	0.6
.020	0.51	0.48	0.68	0.83	0.96	1.1	1.2	1.3	1.5	1.5	1.5	0.7
.022	0.56	0.58	0.82	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.8	0.8
.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
.026	0.66	0.81	1.2	1.4	1.6	1.8	2.0	2.1	2.3	2.4	2.6	1.1
.029	0.74	1.0	1.4	1.7	2.0	2.3	2.5	2.7	2.9	3.0	3.2	1.4
.032	0.81	1.2	1.7	2.1	2.5	2.8	3.0	3.3	3.5	3.7	3.9	1.7
.035	0.89	1.5	2.1	2.6	3.0	3.3	3.6	3.9	4.2	4.4	4.7	2.1
.038	0.97	1.7	2.5	3.0	3.5	3.9	4.3	4.6	4.9	5.2	5.5	2.5
.042	1.07	2.1	3.0	3.7	4.2	4.7	5.2	5.6	6.0	6.4	6.7	3.0
.047	1.19	2.7	3.8	4.6	5.3	5.9	6.5	7.0	7.5	8.0	8.4	3.8
.052	1.32	3.3	4.6	5.6	6.5	7.3	8.0	8.6	9.2	9.8	10	4.6
.057	1.45	3.9	5.5	6.8	7.8	8.7	9.6	10	11	12	12	5.5
.063	1.60	4.8	6.8	8.3	9.6	11	12	13	14	14	15	6.8
.069	1.78	5.7	8.1	9.9	12	13	14	15	16	17	18	8.1
.075	1.91	6.8	9.6	12	13	15	17	18	19	20	21	9.6
.082	2.08	8.1	12	14	16	18	20	21	23	24	26	12
.090	2.29	9.8	14	17	20	22	24	26	28	29	31	14
.098	2.49	12	16	20	23	26	28	31	33	35	37	16
.106	2.69	14	19	23	27	30	33	36	38	41	43	19
.115	2.92	16	23	28	32	36	39	42	45	48	50	23
.125	3.18	17	27	33	38	42	46	50	53	56	60	27
.135	3.43	22	31	38	44	49	54	58	62	66	69	31
.145	3.68	25	36	44	51	57	62	67	72	76	80	36
.155	3.94	29	41	50	58	65	71	77	82	87	92	41
.165	4.19	33	46	57	66	73	80	87	93	98	100	46

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