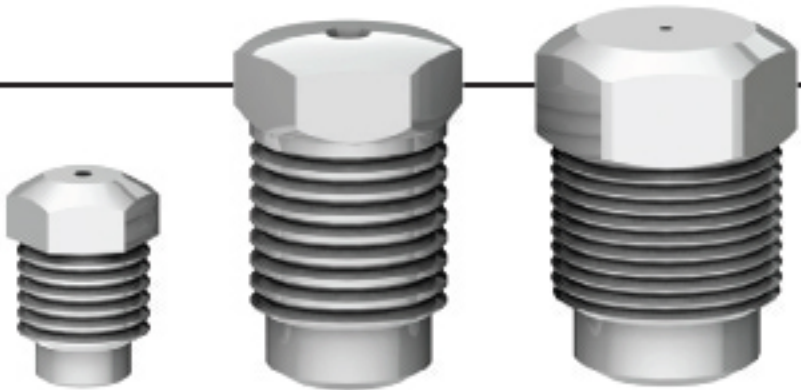


SAPPHIRE NOZZLES

These nozzles are used for 40k psi (2800 bar) jetting applications where water filtration of 10 micron or better is required. Jeweled orifices make the best quality, longest lasting jets possible for ultra-high pressures.



OS4
1/4-28 NF

OS6
3/8-24 NF

OS7
7/16-20 NF

NOZZLE FLOW CHART

		PRESSURE (PSI & BAR)																						Availability		
Nozzle Size		20,000		22,000		24,000		26,000		28,000		30,000		32,000		34,000		36,000		38,000		40,000				
in.	mm	1400		1500		1700		1800		1900		2100		2200		2300		2500		2600		2800		OS4	OS6	OS7
FLOW (GPM & L/MIN)	.009 0.23	0.2	1	0.2	1	0.2	1	0.3	1	0.3	1	0.3	1	0.3	1	0.3	1	0.3	1	0.3	1	0.3	1		•	
	.010 0.25	0.3	1	0.3	1	0.3	1	0.3	1	0.3	1	0.3	1	0.4	2	0.4	2	0.4	2	0.3	1	0.4	2	•	•	
	.011 0.28	0.3	1	0.4	2	0.4	2	0.4	2	0.4	2	0.4	2	0.4	2	0.4	2	0.5	2	0.5	2	0.5	2		•	•
	.012 0.30	0.4	2	0.4	2	0.4	2	0.4	2	0.5	2	0.5	2	0.5	2	0.5	2	0.5	2	0.6	2	0.6	2	•	•	•
	.013 0.33	0.5	2	0.5	2	0.5	2	0.5	2	0.6	2	0.6	2	0.6	2	0.6	2	0.6	2	0.6	2	0.7	3	•	•	•
	.014 0.36	0.5	2	0.6	2	0.6	2	0.6	2	0.6	2	0.7	3	0.7	3	0.7	3	0.7	3	0.7	3	0.8	3	•	•	•
	.015 0.38	0.6	2	0.7	3	0.7	3	0.7	3	0.7	3	0.8	3	0.9	3	0.8	3	0.8	3	0.9	3	0.9	3	•	•	•
	.016 0.41	0.7	3	0.7	3	0.8	3	0.8	3	0.8	3	0.9	3	0.9	3	0.9	3	1.0	4	1.0	4	1.0	4	•	•	•
	.017 0.43	0.8	3	0.8	3	0.9	3	0.9	3	0.9	3	1.0	4	1.0	4	1.0	4	1.1	4	1.1	4	1.1	4	•	•	•
	.018 0.46	0.9	3	0.9	3	1.0	4	1.0	4	1.1	4	1.1	4	1.1	4	1.2	5	1.2	5	1.2	5	1.3	5	•	•	•
	.019 0.48	1.0	4	1.0	4	1.1	4	1.1	4	1.2	5	1.2	5	1.3	5	1.3	5	1.3	5	1.4	5	1.4	5	•	•	•
	.020 0.51	1.1	4	1.2	5	1.2	5	1.3	5	1.3	5	1.4	5	1.4	5	1.4	5	1.5	6	1.5	6	1.6	6	•	•	•
	.021 0.53	1.2	5	1.3	5	1.3	5	1.4	5	1.4	5	1.5	6	1.5	6	1.6	6	1.6	6	1.7	6	1.7	6	•	•	•
	.022 0.56	1.3	5	1.4	5	1.5	6	1.5	6	1.6	6	1.6	6	1.7	6	1.7	6	1.8	7	1.8	7	1.9	7	•	•	•
	.023 0.58	1.5	6	1.5	6	1.6	6	1.7	6	1.7	6	1.7	6	1.8	7	1.9	7	1.9	7	2.0	8	2.0	8	•	•	•
	.024 0.61	1.6	6	1.7	6	1.7	6	1.8	7	1.9	7	1.9	7	2.0	8	2.1	8	2.1	8	2.2	8	2.2	8	•	•	•
	.025 0.64	1.7	6	1.8	7	1.9	7	2.0	8	2.0	8	2.1	8	2.2	8	2.2	8	2.3	9	2.4	9	2.4	9	•	•	•
	.026 0.66	1.9	7	1.9	7	2.0	8	2.1	8	2.2	8	2.3	9	2.3	9	2.4	9	2.5	10	2.6	10	2.6	10	•	•	
	.027 0.69	2.0	8	2.1	8	2.2	8	2.3	9	2.4	9	2.5	10	2.5	10	2.6	10	2.7	10	2.8	11	2.8	11	•	•	
	.028 0.71	2.2	8	2.3	9	2.4	9	2.5	10	2.6	10	2.5	10	2.7	10	2.8	11	2.9	11	3.0	11	3.1	12	•	•	•
	.031 0.79	2.6	10	2.8	11	2.9	11	3.0	11	3.1	12	3.2	12	3.3	13	3.4	13	3.5	13	3.6	14	3.7	14	•	•	•
	.033 0.84	3.0	11	3.1	12	3.3	13	3.4	13	3.5	13	3.7	14	3.8	14	3.9	15	4.0	15	4.1	16	4.2	16			•
	.034 0.86	3.2	12	3.3	13	3.5	13	3.6	14	3.8	14	3.9	15	4.0	15	4.2	16	4.3	16	4.4	17	4.5	17	•	•	
	.035 0.89	3.4	13	3.5	13	3.7	14	3.8	14	4.0	15	4.1	16	4.3	16	4.4	17	4.5	17	4.6	18	4.8	18	•		•

For the most accurate nozzle selection for your tool, use the StoneAge Jetting App:
JETTING.STONEAGETOOLS.COM