

# OS Sapphire Nozzle Tips

## Replaceable Tips for 40 Kpsi Applications

Jewelled orifices make the best quality, longest lasting small diameter jets possible. Three thread sizes are available:

1/4-28 NF      **OS4 Nozzle Tips**  
 3/8-24 NF      **OS6 Nozzle Tips**  
 7/16-20 NF     **OS7 Nozzle Tips**

These tips are used for 40 Kpsi jetting applications.



## Orifice Flow Chart, gpm

Orifice, ID in. mm	Pressure, Kpsi / bar											Availability		
	20 1379	22 1517	24 1655	26 1793	28 1931	30 2069	32 2207	34 2345	36 2483	38 2621	40 2759	OS4	OS6	OS7
.009 0.23	0.216	0.227	0.237	0.246	0.256	0.265	0.273	0.282	0.290	0.298	0.305	•		
.010 0.25	0.267	0.280	0.292	0.304	0.315	0.327	0.337	0.348	0.358	0.367	0.377	•		
.011 0.28	0.323	0.338	0.353	0.368	0.382	0.395	0.408	0.421	0.433	0.445	0.456	•		
.012 0.30	0.384	0.403	0.421	0.438	0.454	0.470	0.486	0.501	0.515	0.529	0.543	•		
.013 0.33	0.451	0.473	0.494	0.514	0.533	0.552	0.570	0.587	0.604	0.621	0.637	•		
.014 0.36	0.523	0.548	0.572	0.596	0.618	0.640	0.661	0.681	0.701	0.720	0.739	•		
.015 0.38	0.600	0.629	0.657	0.684	0.710	0.735	0.759	0.782	0.805	0.827	0.848	•		
.016 0.41	0.682	0.716	0.748	0.778	0.808	0.836	0.863	0.890	0.916	0.941	0.965	•	•	•
.017 0.43	0.770	0.808	0.844	0.878	0.912	0.944	0.975	1.005	1.034	1.062	1.090	•	•	•
.018 0.46	0.864	0.906	0.946	0.985	1.022	1.058	1.093	1.126	1.159	1.191	1.222	•	•	•
.019 0.48	0.962	1.009	1.054	1.097	1.139	1.179	1.217	1.255	1.291	1.327	1.361	•	•	•
.020 0.51	1.066	1.118	1.168	1.216	1.262	1.306	1.349	1.390	1.431	1.470	1.508	•	•	•
.021 0.53	1.176	1.233	1.288	1.340	1.391	1.440	1.487	1.533	1.577	1.620	1.663		•	•
.022 0.56	1.290	1.353	1.413	1.471	1.527	1.580	1.632	1.682	1.731	1.778	1.825		•	•
.023 0.58	1.410	1.479	1.545	1.608	1.669	1.727	1.784	1.839	1.892	1.944	1.994		•	•
.024 0.61	1.536	1.610	1.682	1.751	1.817	1.881	1.942	2.002	2.060	2.117	2.172		•	•
.025 0.64	1.666	1.747	1.825	1.900	1.971	2.041	2.107	2.172	2.2335	2.297	2.356		•	•

## Application Guide

**OS4 Tips**      **Gopher GO-H9**  
**OS6 Tips**      **DB-UH Deck Blaster**  
                     **UH-40, UH-50 Rotating Assemblies**  
                     **UH-80 Pipe Skid**  
**OS-7 Tips**     **BC-UH Barracuda Gun Nozzle**