

WATERJETTING ACCESSORIES



TUNGSTEN CARBIDE MOLE NOZZLE INSERTS

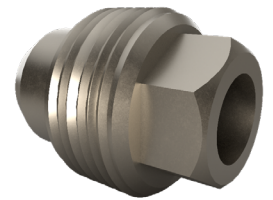
STANDARD FEATURES

Designed for durability and longer life, tungsten carbide inserted flush mount nozzles provide the same versatility as our stainless steel inserts with added strength of tungsten. Offered in both female hex and male hex configurations, these flush mount nozzles are compatible with any line mole high pressure cleaning tool that utilizes 1/4" NPT threads. The tungsten carbide inserts are engineered and tapered for efficient cleaning and a steady flow for the best line mole experience.

Protect the interior of the pipe from streaks due to nozzle protrusion. Contact us today to customize a high flow line mole insert to meet the specific demands of your next high pressure cleaning job.

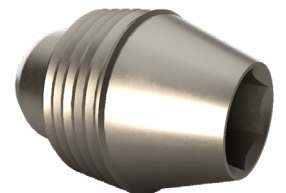
TUNGSTEN CARBIDE (1/4" NPT)

FLOW	SIZE	PART NO	FLOW	SIZE	PART NO	FLOW	SIZE	PART NO
	PLUG	77118006	#5	0.052	77118026	#13	0.085	77118094
#021	0.021	77118048	#5.5	0.055	77118027	#14	0.089	77118093
#024	0.024	77118056	#6	0.059	77118095	#15	0.093	77118032
#026	0.026	77118098	#7	0.062	77118028	#18	0.100	77118108
#028	0.028	77118057	#7.5	0.065	77118099	#20	0.106	77118084
#1.5	0.031	77118023	#8	0.067	77118029	#21	0.109	77118046
#2	0.036	77118059	#8.5	0.069	77118107	#25	0.118	77118085
#2.2	0.037	77118097	#9	0.071	77118044	#27	0.125	77118047
#2.5	0.039	77118101	#9.5	0.073	77118045	#30	0.130	77118134
#3	0.043	77118058	#10	0.075	77118122	#35	0.140	77118074
#4	0.047	77118025	#11	0.078	77118092	#40	0.156	77118087
#4.5	0.050	77118073	#12	0.082	77118072	#50	0.167	77118083



TUNGSTEN CARBIDE EXTERNAL HEX (1/4" NPT)

FLOW	SIZE	PART NO	FLOW	SIZE	PART NO	FLOW	SIZE	PART NO
	PLUG	77119001	#5	0.052	77119052	#13	0.085	77119085
#021	0.021	77119021	#5.5	0.055	77119055	#14	0.089	77119089
#024	0.024	77119024	#6	0.059	77119059	#15	0.093	77119093
#026	0.026	77119026	#7	0.062	77119062	#18	0.100	77119100
#028	0.028	77119028	#7.5	0.065	77119065	#20	0.106	77119106
#1.5	0.031	77119031	#8	0.067	77119067	#21	0.109	77119109
#2	0.036	77119036	#8.5	0.069	77119069	#25	0.118	77119118
#2.2	0.037	77119037	#9	0.071	77119071	#27	0.125	77119125
#2.5	0.039	77119039	#9.5	0.073	77119073	#30	0.130	77119130
#3	0.043	77119043	#10	0.075	77119075	#35	0.140	77119140
#4	0.047	77119047	#11	0.078	77119078	#40	0.156	77119156
#4.5	0.050	77119050	#12	0.082	77119082	#50	0.167	77119167



TUNGSTEN CARBIDE MOLE NOZZLE INSERTS



TUNGSTEN CARBIDE NOZZLE RATING FLOW CHART

NOZZLE FLOW IN GPM PER ORIFICE IN INCHES AT THIS PRESSURE (PSI)

FLOW	Orifice	2,000	2,500	3,000	3,500	4,000	5,000	6,000	7,000	8,000	9,000	10,000	15000	20000
0.15	0.015	0.291	0.325	0.356	0.385	0.412	0.460	0.504	0.545	0.582	0.617	0.651	0.797	0.92
0.16	0.016	0.331	0.370	0.406	0.438	0.468	0.524	0.574	0.620	0.662	0.703	0.741	0.907	1.047
0.18	0.018	0.419	0.469	0.513	0.554	0.593	0.663	0.726	0.784	0.838	0.889	0.937	1.148	1.325
0.20	0.020	0.517	0.579	0.634	0.685	0.732	0.818	0.896	0.968	1.035	1.098	1.157	1.417	1.636
0.21	0.021	0.570	0.638	0.699	0.755	0.807	0.902	0.988	1.067	1.141	1.210	1.276	1.562	1.804
0.22	0.022	0.626	0.700	0.767	0.828	0.885	0.990	1.084	1.171	1.252	1.328	1.400	1.715	1.980
0.24	0.024	0.745	0.833	0.913	0.986	1.054	1.178	1.291	1.394	1.490	1.581	1.666	2.041	2.356
0.25	0.025	0.809	0.904	0.990	1.070	1.143	1.278	1.400	1.513	1.617	1.715	1.808	2.214	2.557
0.26	0.026	0.875	0.978	1.071	1.157	1.237	1.383	1.515	1.636	1.749	1.855	1.955	2.395	2.765
0.28	0.028	1.014	1.134	1.242	1.342	1.434	1.604	1.75	1.897	2.028	2.151	2.268	2.778	3.207
0.29	0.029	1.088	1.216	1.332	1.439	1.539	1.720	1.884	2.035	2.176	2.308	2.433	2.979	3.440
0.31	0.031	1.243	1.390	1.523	1.645	1.758	1.966	2.153	2.326	2.486	2.637	2.780	3.405	3.931
0.32	0.032	1.325	1.481	1.622	1.752	1.873	2.095	2.294	2.478	2.649	2.810	2.962	3.628	4.189
2	0.036	1.677	1.874	2.053	2.218	2.371	2.651	2.904	3.137	3.353	3.557	3.749	4.591	5.302
3	0.043	2.392	2.674	2.930	3.164	3.383	3.782	4.143	4.475	4.784	5.074	5.349	6.551	7.564
4	0.047	2.858	3.195	3.500	3.780	4.041	4.518	4.950	5.346	5.715	6.062	6.390	7.826	9.037
5	0.052	3.498	3.911	4.284	4.627	4.947	5.531	6.059	6.544	6.996	7.420	7.822	9.580	11.062
6	0.059	4.503	5.035	5.515	5.957	6.368	7.120	7.800	8.425	9.006	9.553	10.069	12.332	14.240
7	0.062	4.973	5.560	6.090	6.578	7.033	7.863	8.613	9.303	9.946	10.549	11.119	13.619	15.725
8	0.067	5.807	6.493	7.112	7.682	8.213	9.182	10.058	10.864	11.614	12.319	12.985	15.904	18.364
9	0.069	6.521	7.291	7.987	8.627	9.222	10.311	11.295	12.200	13.043	13.834	14.582	17.859	20.622
10	0.075	7.277	8.136	8.912	9.626	10.291	11.506	12.604	13.614	14.554	15.436	16.271	19.928	23.011
11	0.078	7.871	8.800	9.639	10.412	11.131	12.444	13.632	14.724	15.741	16.696	17.599	21.554	24.889
12	0.082	8.698	9.725	10.653	11.507	12.302	13.754	15.066	16.273	17.397	18.452	19.450	23.822	27.507
14	0.089	10.247	11.456	12.550	13.555	14.491	16.202	17.748	19.170	20.494	21.737	22.913	28.063	32.404
16	0.095	11.675	13.053	14.299	15.445	16.511	18.460	20.222	21.842	23.350	24.767	26.106	31.974	36.920
18	0.100	12.936	14.463	15.844	17.113	18.295	20.454	22.407	24.202	25.873	27.442	28.927	35.428	40.909
20	0.106	14.535	16.251	17.802	19.229	20.556	22.983	25.176	27.193	29.071	30.834	32.502	39.807	45.965