

100 HE Plasma Parameters													
Carbides				Hardware		Gas SLM			Power	Powder Feed		Torch	
Powder	Composition	Particle Size	Nozzle	Pwdr Ports	Ext Attach	Ar	N2	H2	GV/KW	Gr/min	Cr Gas	Stnd Off	
Amdry CRC	90 CrC/NiCr 10	5-45 micron	841121	NA	NA	113	57	28	199/70	100	9	11.4 cm	
SM 81 VFNS	75 CrC/NiCr 25	5-45 micron	866695	Med-.073	2-Port	94	47	47	234/90	100	12	15.0 cm	
SM 81 VFNS	75 CrC/NiCr 25	5-45 micron	866695	Med-.073	2-Port	94	47	47	234/90	80	12	11.4 cm	
SM 3007	80 CrC/NiCr 20	5.5-45 micron	868648	Long-.073	2-Port	150	47	57	262/90	100	16	15.0 cm	
SM 3007	80 CrC/NiCr 20	5.5-45 micron	868648	Long-.073	2-Port	142	47	57	278/90	50	16	13.0 cm	
PX CRC-106	75 CrC/NiCr 25	5-45 micron	868648	Long-.073	2-Port	132	47	47	257/75	75	12	13.0 cm	
PX CRC-425-9	75 CrC/NiCr 25	5-22 micron	841187	Long-.073	2-Port	142	47	28	275/70	50	14	15.0 cm	
PX WC-733	WC/CrC/Ni	5-45 micron	868648	Long-.073	2-Port	132	57	28	252/95	80	14	11.4 cm	
SYL SX-199	WC/CrC/NiCr	5-45 micron	868648	Long-.073	2-Port	76	47	57	248/50	50	9	13.0 cm	
SYL SX-199	WC/CrC/NiCr	5-45 micron	868648	Long-.073	2-Port	165	57	57	280/90	50	11	15.0 cm	
PX W-124-4	46Cr/36W/12Co/4C	16-45 micron	868648	Long-.073	2-Port	104	47	47	246/95	70	9	15.0 cm	
PX WC-114	88 WC/Co 12	10-45 micron	868648	Long-.073	2-Port	150	57	47	255/90	80	11	15.0 cm	
HC 518.280	88 WC/Co 12	10-45 micron	868648	Long-.073	2-Port	132	57	57	265/95	50	9	15.0 cm	
PX WC-726	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	150	57	24	255/90	50	9	15.0 cm	
PX WC-726	88 WC/Co 12	5-45 micron	866695	Med-.073	2-Port	142	57	24	257/85	80	10	15.0 cm	
SM 71 VFNS	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	132	57	28	249/95	100	12	11.4 cm	
LA 3379	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	142	57	33	246/90	80	11	15.0 cm	
SYL SD-251	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	132	57	57	287/95	85	8.5	15.0 cm	
SYL SD-251	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	142	47	47	280/85	85	8.5	15.0 cm	
SM 71 VFNS-5	88 WC/Co 12	5-22 micron	868648	Long-.073	2-Port	142	57	24	263/90	80	11	15.0 cm	
SM 71 VFNS-5	88 WC/Co 12	5-22 micron	868648	Long-.073	2-Port	142	57	24	263/90	80	11	15.0 cm	
HC 526.350	73 WC/Co 17	11-53 micron	868648	Long-.073	2-Port	150	57	47	262/80	100	8.5	15.0 cm	
SM 2005	73 WC/Co 17	5.5-38 micron	868648	Long-.073	2-Port	150	47	57	275/90	70	10	15.0 cm	
SM 2005	73 WC/Co 17	5.5-38 micron	868648	Long-.073	2-Port	150	57	47	262/80	100	8.5	15.0 cm	
SM 73SFNS	73 WC/Co 17	5.5-38 micron	868648	Long-.073	2-Port	150	57	47	261/80	100	8.5	15.0 cm	
SM 73SFNS	73 WC/Co 17	5.5-38 micron	868648	Long-.073	3-Port	165	57	47	258/70	50	21	15.0 cm	
SM 73FNS-1	73 WC/Co 17	11-53 micron	868648	Long-.073	3-Port	132	47	38	260/60	70	14	15.0 cm	
SM 5847	86 WC/Co 10/Cr 4	10-35 micron	868648	Long-.073	2-Port	188	57	38	267/80	80	11	15.0 cm	
HC 558.059	86 WC/Co 10/Cr 4	5-30 micron	868648	Long-.073	2-Port	188	47	38	263/80	80	10	15.0 cm	
HC 558.059	86 WC/Co 10/Cr 4	5-30 micron	868648	Long-.073	2-Port	160	47	57	254/80	80	11	15.0 cm	
HC 558.059	86 WC/Co 10/Cr 4	5-30 micron	868648	Long-.073	2-Port	160	47	57	257/95	80	11	13.0 cm	
HC 558.074	86 WC/Co 10/Cr 4	15-45 micron	868648	Long-.073	2-Port	180	57	57	280/95	100	9	15.0 cm	
LA 3386-DJ	86 WC/Co 10/Cr 4	11-45 micron	868648	Long-.073	2-Port	165	47	57	267/95	50	11	15.0 cm	
HC 544.3	73 WC/Ni 17	5.6-44 micron	868648	Long-.073	3-Port	198	57	47	261/45	50	19	15.0 cm	