

100 HE Plasma Parameters				Hardware		Gas SCFH			Power	Powder Feed		Torch
Carbides		Particle Size	Nozzle	Pwdr Ports	Ext Attach	Ar	N2	H2	GV/KW	Gr/min	Cr Gas	Std Off
Powder	Composition											
Amdry CRC	90 CrC/NiCr 10	5-45 micron	841121	NA	NA	240	120	60	199/70	100	20	4.5 in
SM 81 VFNS	75 CrC/NiCr 25	5-45 micron	866695	Med-.073	2-Port	200	100	100	234/90	100	25	6.0 in
SM 81 VFNS	75 CrC/NiCr 25	5-45 micron	866695	Med-.073	2-Port	200	100	100	234/90	80	25	4.5 in
SM 3007	80 CrC/NiCr 20	5.5-45 micron	868648	Long-.073	2-Port	320	100	120	262/90	100	35	6.0 in
SM 3007	80 CrC/NiCr 20	5.5-45 micron	868648	Long-.073	2-Port	300	100	120	278/90	50	35	5.0 in
PX CRC-106	75 CrC/NiCr 25	5-45 micron	868648	Long-.073	2-Port	280	100	100	257/75	75	25	5.0 in
PX CRC-425-9	75 CrC/NiCr 25	5-22 micron	841187	Long-.073	2-Port	300	100	60	275/70	50	30	6.0 in
PX WC-733	WC/CrC/Ni	5-45 micron	868648	Long-.073	2-Port	280	120	60	252/95	80	30	4.5 in
SYL SX-199	WC/CrC/NiCr	5-45 micron	868648	Long-.073	2-Port	160	100	120	248/50	50	20	5.0 in
SYL SX-199	WC/CrC/NiCr	5-45 micron	868648	Long-.073	2-Port	350	120	120	280/90	50	24	6.0 in
PX W-124-4	46Cr/36W/12Co/4C	16-45 micron	868648	Long-.073	2-Port	220	100	100	246/95	70	20	6.0 in
PX WC-114	88 WC/Co 12	10-45 micron	868648	Long-.073	2-Port	320	120	100	255/90	80	23	6.0 in
HC 518.280	88 WC/Co 12	10-45 micron	868648	Long-.073	2-Port	280	120	120	265/95	50	20	6.0 in
PX WC-726	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	320	120	50	255/90	50	20	6.0 in
PX WC-726	88 WC/Co 12	5-45 micron	866695	Med-.073	2-Port	300	120	50	257/85	80	22	6.0 in
SM 71 VFNS	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	280	120	60	249/95	100	25	4.5 in
LA 3379	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	300	120	70	246/90	80	23	6.0 in
SYL SD-251	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	280	120	120	287/95	85	18	6.0 in
SYL SD-251	88 WC/Co 12	5-45 micron	868648	Long-.073	2-Port	300	100	100	280/85	85	18	6.0 in
SM 71 VFNS-5	88 WC/Co 12	5-22 micron	868648	Long-.073	2-Port	300	120	50	263/90	80	23	6.0 in
SM 71 VFNS-5	88 WC/Co 12	5-22 micron	868648	Long-.073	2-Port	300	120	50	263/90	80	23	6.0 in
HC 526.350	73 WC/Co 17	11-53 micron	868648	Long-.073	2-Port	320	120	100	262/80	100	18	6.0 in
SM 2005	73 WC/Co 17	5.5-38 micron	868648	Long-.073	2-Port	320	100	120	275/90	70	22	6.0 in
SM 2005	73 WC/Co 17	5.5-38 micron	868648	Long-.073	2-Port	320	120	100	262/80	100	18	6.0 in
SM 73SFNS	73 WC/Co 17	5.5-38 micron	868648	Long-.073	2-Port	320	120	100	261/80	100	18	6.0 in
SM 73SFNS	73 WC/Co 17	5.5-38 micron	868648	Long-.073	3-Port	350	120	100	258/70	50	45	6.0 in
SM 73FNS-1	73 WC/Co 17	11-53 micron	868648	Long-.073	3-Port	280	100	80	260/60	70	30	6.0 in
HC 526.350	73 WC/Co 17	11-53 micron	868648	Long-.073	3-Port	320	120	100	262/80	100	18	6.0 in
SM 5847	86 WC/Co 10/Cr 4	10-35 micron	868648	Long-.073	2-Port	400	120	80	267/80	80	24	6.0 in
HC 558.059	86 WC/Co 10/Cr 4	5-30 micron	868648	Long-.073	2-Port	400	100	80	263/80	80	22	6.0 in
HC 558.059	86 WC/Co 10/Cr 4	5-30 micron	868648	Long-.073	2-Port	340	100	120	254/80	80	24	6.0 in
HC 558.059	86 WC/Co 10/Cr 4	5-30 micron	868648	Long-.073	2-Port	340	100	120	257/95	80	24	5.25 in
HC 558.074	86 WC/Co 10/Cr 4	15-45 micron	868648	Long-.073	2-Port	380	120	120	280/95	100	20	6.0 in
LA 3386-DJ	86 WC/Co 10/Cr 4	11-45 micron	868648	Long-.073	2-Port	350	100	120	267/95	50	24	6.0 in
HC 544.3	83 WC/Ni 17	5.6-44 micron	868648	Long-.073	3-Port	420	120	100	261/45	50	40	6.0 in