

Aluminum	Power = 8000 W					
MM	1000	2500	5000	7500	10000	11000
Energy (J)	419.21	112.88	40.08	21.60	14.40	12.64
dt (s)	2.5737E-06	4.1179E-07	1.0295E-07	4.5755E-08	2.5737E-08	2.1271E-08
Iterations	20360	34265	48665	59010	69938	74281
Time (ms)	52.40	14.11	5.01	2.70	1.80	1.58
T _{max} (K)	1067.24	1293.00	1665.51	2035.60	2398.87	2539.52
T _{min} (K)	815.55	683.55	469.36	360.71	320.59	312.88
Width (cm)	2.100	2.040	2.020	2.013	2.010	2.009
Depth (cm)	0.780	0.750	0.790	0.807	0.815	0.823
Run Time (s)	13.27	22.14	63.83	87.83	156.57	196.00