G1	L	F	1/tan(L/F)	H	K	K1	K2	K3
M2	0.6	1.63	20.1	2.23	4212.49	4252.516	4226.947	4158.004
M4	0.93	0.99	43	1.92	4356.79	4397.38	4356.237	4316.762
M25	0.71	1.67	23	2.38	10118.94	10224.89	10155.94	9975.994
M26	1.3	0.21	80.9	1.51	5934.8	5988.354	5914.702	5901.336
M106	0.4	1.36	16.3	1.75	10004.58	10076.5	10034.82	9902.413
M107	0.9	1.23	36.2	2.13	4682.45	4729.399	4688.265	4629.697
M108	0.34	1.54	12.5	1.88	4283.65	4314.963	4301.787	4234.194
G2inner	L	F	1/tan(L/F)	H	K	K1	K2	K3
M1	3.66	3.99	42.5	7.64	590.73	628.968	586.48	556.745
M3	1.1	1.49	36.5	2.59	64.05	65.038	64.204	62.918
M5	1.49	1.65	42.2	3.14	2769.07	2813.076	2768.451	2725.675
M6	1.48	3.96	20.5	5.44	3045.34	3114.92	3072.678	2948.421
M8	4.63	5.61	39.6	10.24	4222.4	4422.959	4240.217	4004.013
M9	1.9	0.6	72.4	2.5	1917.07	1945.849	1909.177	1896.188
M10	2.61	0.17	86.3	2.78	1366.41	1391.035	1356.099	1352.103
M13	1.19	3.07	21.1	4.26	2895.6	2947.165	2914.246	2825.389
M18	0.94	0.89	46.6	1.82	561.97	567.568	562.135	556.208
M21	0.59	2.34	14.1	2.92	752.98	761.515	757.949	739.467
M24	0.92	0.25	74.8	1.16	57.67	58.07	57.545	57.4
M27	0.86	1.11	37.9	1.97	96.21	97.091	96.338	95.191
M28	1.1	2.99	20.1	4.08	104.95	167.74	165.978	161.131
M29	1.41	3.31	23.1	4.72	681.73	697.541	686.605	661.049
M32	1.26	2.21	29.7	3.48	1241.1	1262.841	1245.863	1214.598
M33	1.19	0.8	56.1	1.99	256.94	260.904	256.025	253.894
M34a	0.44	0.36	50.5	0.8	1077.53	1081.252	1077.936	1073.398
M35	0.46	0.48	43.5	0.94	757.11	761.048	757.081	753.187
M38	0.2	1.05	10.7	1.25	348.77	350.528	349.618	346.15
M39	0.34	0.66	27.5	1	984.6	988.367	986.383	979.045
M40	1.14	0.42	69.6	1.57	2665.9	2688.128	2661.352	2648.225
M48	0.15	1.18	17.1	1.33	541.56	544.694	543.249	536.732
M50	3.41	3.1	47.7	6.51	3551.62	3669.357	3546.902	3438.615
M53								
M54	0.49	0.92	28	1.41	2003.42	2018.316	2006.356	1985.575
M55	1.49	0.61	67.9	2.1	1135.18	1147.958	1133.683	1123.904
M69	1.3	4.04	17.8	5.34	950.55	973.009	958.287	920.351
M70	0.16	0.65	14.2	0.81	156	156.499	156.244	155.255
M71	0.87	2.23	21.4	3.1	2030.91	2055.604	2041.74	1995.373
M72								
M73	0.8	2.67	16.7	3.48	1523.98	1545.334	1533.609	1492.996
M74	0.14	0.75	10.7	0.89	124.32	124.801	124.485	123.68
M75	0.94	3.17	16.5	4.11	3017.5	3071.44	3042.176	2938.882
M76								
M77								
M78								
M79	0.3	0.37	39	0.68	811.93	814.45	812.275	809.053
M80	0.63	3.98	9	4.61	2661.6	2706.588	2694.75	2583.449
M84	0.64	2.17	16.3	2.81	1848.58	1870.656	1858.478	1816.598
M85i	0.65	1.11	30.5	1.76	988.83	997.533	989.484	979.46
M85ii	1.09	0.82	52.9	1.91	1244.5	1258.367	1243.661	1231.471

M86	1.18	0.58	63.7	1.76	48.74	49.214	48.641	48.356
M88	0.51	1.38	20.3	1.89	47.03	47.405	47.171	46.514
M89	1.42	0.62	66.3	2.04	1928.49	1946.978	1926.432	1912.069
M90								
M91								
M92	0.15	0.57	14.8	0.72	60.64	60.816	60.724	60.375
M93	0.34	2.17	8.8	2.51	3386.58	3418.42	3408.096	3333.219
M95	2.07	2.4	40.8	4.47	2672.7	2731.501	2675.513	2611.094
M97	0.55	0.99	29.1	1.53	426.12	432.744	426.99	418.636
M98	1.07	0.37	71.1	1.44	1091.2	1099.957	1089.324	1084.328
M99	0.99	1.45	34.3	2.45	2774.4	2805.387	2778.592	2739.222
M100								
M101	0.75	1.64	24.6	2.39	1076.06	1088.42	1080.622	1059.139
M102								
M103								
M104								
M105	1.49	2.76	28.5	4.25	953.22	971.118	958.128	930.425
M112	0.22	0.79	15.8	1.01	162.49	163.162	162.795	161.509
G2outer	L	F	1/tan(L/F)	H	K	K1	K2	K3
M49	0.71	4.64	8.7	5.35	445.29	454.25	451.239	430.38
M11	3.98	4.81	39.6	8.79	1097.95			
M12	0.63	3.65	9.8	4.28	276.99	3541.094	3522.741	3391.216
M14								
M17	0.52	1.22	23.3	1.74	2583.15	2602.587	2589.213	2557.658
M22	0.19	1.58	6.9	1.77	58.49	58.885	58.748	57.828
M23	3.27	4.73	34.6	8	545.49	567.496	547.93	521.055
M30	0.54	3.66	8.3	4.19	148.62	151.039	150.371	144.451
M31	0.33	1.34	14	1.68	51.14	51.481	51.309	50.632
M42	0.27	1.01	14.9	1.28	108.25	108.825	108.583	107.337
M43i	0.69	8.63	4.6	9.32	662.74	684.71	681.348	622.165
M43ii	0.57	7.43	4.4	7.99	1325.01	1363.85	1353.887	1257.279
M47	2.1	6.53	17.8	8.63	4997.67	5176.1	5071.201	4745.718
M51	1.43	4.12	19.2	5.55	1842.35	1889.404	1860.237	1777.422
M52	1.45	5.06	16	6.51	1106.32	1136.106	1119.811	1063.049
M57	0.58	0.2	70.9	0.78	190.72	191.58	190.49	190.089
M58	2.52	1.5	59.3	4.01	2325	2375.299	2316.984	2282.723
M59	2.81	4.59	31.5	7.4	905.26	936.687	910.021	869.075
M7	1.67	3.71	24.2	5.38	194.58	199.401	196.118	188.208
M93a	0.89	3.77	13.2	4.66	69.4	70.622	70.013	67.56
M93ii	1.77	3.81	24.9	5.57	3115.17	3418.42	3408.096	3333.219
M94i	1.32	4.3	17	5.62	2292.82	2345.269	2314.775	2218.418
G2mafic	L	F	1/tan(L/F)	H	K	K1	K2	K3
M111	1.16	1.72	34	2.87	1167.78	1183.609	1170.129	1149.599
M15	2.94	0.36	82.9	3.3	1594.62	1627.394	1582.051	1574.414
M16	1.19	1.1	47.3	2.29	281	285.604	281.062	276.916
M56	0.53	1	27.9	1.52	2540.15	2558.424	2544.279	2517.751
M81	4.05	1.66	67.7	5.71	3063.39	3164.974	3037.913	2987.286
M82	1.58	1.44	47.8	3.02	6682.25	6787.803	6681.913	6577.027
M83	2.19	2.87	37.4	5.07	1518.7	1556.108	1521.944	1478.063

M96	0.61	1.35	24.2	1.96	191.62	193.337	192.098	189.422
G3	L	F	1/tan(L/F)	H	K	K1	K2	K3
M109	1.3	2.54	27.1	3.83	2056.98	2093.663	2065.599	2011.69
M110	0.68	2.66	14.2	3.34	3571.71	3621.071	3593.469	3500.579
M19	0.1	0.94	5.9	1.04	63.95	64.195	64.125	63.532
M20	0.36	2.22	9.3	2.58	1644.91	1661.454	1655.937	1617.337
M34	0.46	0.55	39.7	1	56.02	56.293	56.038	55.729
M36	0.17	0.36	26	0.53	79.57	79.772	79.617	79.333
M37	1.36	1.16	49.5	2.52	451.48	457.323	451.139	445.981
M38i	1.22	1.23	44.8	2.45	365.64	370.247	365.457	361.223
M41	0.81	0.49	58.8	1.3	221.03	222.992	220.774	219.33
M44	1.18	6.17	10.8	7.36	4288.84	4409.256	4361.005	4096.269
M45	1.61	5.98	15.1	7.59	1592.16	1642.05	1617.704	1516.736
M60	1.03	1.35	37.5	2.38	516.86	521.667	517.915	511.01
M61	0.77	0.73	46.6	1.5	277.19	279.786	277.226	274.543
M62	0.48	0.87	29	1.36	55.25	55.568	55.314	54.856
M63	0.95	0.9	46.7	1.85	1208.22	1219.333	1208.04	1197.284
M64	0.7	2.31	16.8	3.01	1403.19	1420.719	1409.499	1379.363
M65	0.05	0.64	4.5	0.69	212.9	213.478	213.332	211.898
M66	0.45	0.81	28.9	1.25	225.61	226.921	225.873	224.035
M67								
M68	1.3	4.04	17.8	5.34				
M87	1.04	1.89	28.8	2.93	1974.21	1998.794	1982.775	1941.072