

 Extruded Aluminum Square & Rectangular Tub						
Product No.	Width A (mm)	Length B (mm)	Thickness (mm)	Weight (kg/m)	Extrusion Press Capacity	Alloy & Temper
ZWJ-FX-F015	5	10	0.8	0.058	500T	6063-T5
ZW_D030736	10	10	1	0.097	500T	6060 T66
ZW_D030737	10	10	1.5	0.138	500T	6060 T66
TP-2319	12	12	1	0.119	500T	6063-T5
ZWGYC-2964	10	12.6	A=1/B=1.5	0.14	500T	6082
ZW_D010650	12.7	12.7	1.27	0.157	500T	6063-T5
ZW_D051179	12.7	12.7	1.32	0.162	500T	6063-T6
SOMA_A000804	15	15	1	0.151	500T	6060-T6
CHD_A000683	15	15	1.5	0.219	500T	6060-T66
SOMA_A000483	15	15	2	0.281	500T	6060-T66
ZWGYC-2965	13.5	15.2	A=1/B=1.5	0.18	500T	6082
ZW_D031764	15.49	15.49	1.27	0.194	500T	6063-T5
TF-223	10	16	1.2	0.153	500T	6063
ZWGYC-4218	12.5	16	A=1.2/B=3	0.303	660T	6063-T5
TF-224	16	16	1.5	0.235	500T	6063-T5
ZWQC-HGDC-491	16	16.5	2.5	0.371	660T	6061-T6
XSS-414	12	18	1	0.149	500T	6063-T5
ZW_D051181	12	18	1.2	0.179	500T	6063-T6
JT-508500	18	18	2.0	0.346	660T	
TF-01	19	19	1	0.194		
ALD_D004081	19	19	1.2	0.223	500T	6060-T5
ALS_D000029	19	19	1.2	0.229	500T	6060-T5
TF-162	19	19	1.2	0.229		
ZWGYC-912	19	19	3.5	0.586	880T	
XSS-722	19.05	19.05	1	0.195	500T	6063-T5
PCA_D005057	19.05	19.05	1.27	0.244	500T	6063-T52
PCA_D005057	19.05	19.05	1.27	0.244		
ZW_D061121	19.05	19.05	1.575	0.297	500T	6063-T52
PCA_D000561	19.05	19.05	1.65	0.311		
PCA_D001786	19.05	19.05	2.41	0.416		
PCA_D000848	19.05	19.05	3.18	0.543		
PCA_D000848	19.05	19.05	3.18	0.543		
ZWGYC-1806	19.1	19.1	1.7	0.299	500T	6063-T5
SYLM-23	19.6	19.6	2	0.38	660T	
CCNZ-73	8	20	2.0	0.259	500T	6063-T5
TF-219	10	20	1.2	0.179	500T	6063-T5
SOMA_A000539	10	20	1.5	0.219	500T	6060-T6
SOMA_A000539	10	20	1.5	0.219		
SOMA_A000395	10	20	2.0	0.281		
SOMA_A000395	10	20	2	0.281	500T	6060-T6
TF-228	14	20	2	0.305	660T	6060
TF-175	15	20	1.2	0.211		
ZW_D070477	15	20	1.5	0.259	500T	6060-T66
SOMA_A000537	15	20	2	0.335	500T	6060-T6
SOMA_A000537	15	20	2.0	0.335		
ZWGYC-1616	15	20	2	0.335	660T	6060
ZWJ-FX-F001	15.5	20	1.8	0.31	660T	6063-T5
TF-154	18	20	1.5	0.284		
ZWQC-QRKQ-100	18.7	20	1.2	0.235	500T	6082-T6
ZW_D051182	20	20	1.1	0.225	500T	6063-T6
ZW_D031466	20	20	1.2	0.244	500T	6063-T6
SOMA_A000394	20	20	1.5	0.3		
SOMA_A000394	20	20	1.5	0.3	500T	6060-T6
SOMA_A000280	20.00	20.00	2.00	0.389	660T	6060-T66
ZW_D055154	20	20	2	0.37	660T	6060-T66
ZWGYC-1819	20	20	2.5	0.473	660T	6061-T6
ALD_D000566	20	20	3	0.551	880T	
ALD_D000567	20	20	3	0.551	880T	
TF-40	20	20	0.90/1.00/1.50			

TF-52	20	20	0.90/1.40/1.50			
ZWQC-HG-480	20	20	2	0.37	660T	6061-T6
ZWQC-HG-482	20	20	1.5	0.284	500T	6061-T6
ZWQC-QRKQ-002	20	20	1.5	0.299	500T	6082-T6
ZWQC-QRKQ-031	20	20	1.5	0.307	660T	6082-T6
ZWQC-QRKQ-039	20	20	1.2	0.244	500T	6082-T6
ZWQC-QRKQ-079	20	20	1.5	0.33	660T	6082-T6
AS-01-Q-7922-06	16.5	21.5	8.25	0.3	880T 双孔	6060-T6
ZWGYC-2477	18	22	2	0.389	660T	6061-T6
ZW_D062177	18.7	22.55	1	0.212	500T	6060-T66
ZWGYC-5456	23.8	23.8	1.5	0.389	660T	6063-T6/6082-T6
LXC-05-002	24	24	2	0.473	660T	6061-T6
TF-188	4.5	25	1	0.149	500T	-
ZW_D031024	10	25	2	0.335	660T	6060-T66
ZWGYC-4216	12.5	25	A=1.3/B=3	0.452	660T	6063-T5
SOMA_A001097	15	25	1.5	0.3	500T	6060-T5
SOMA_A000743	15.00	25.00	1.80	0.345	660T	6060-T6
SOMA_A000603	15	25	2	0.389	660T	6060-T66
JT-508499	18	25	2	0.421	660T	
JNAT-29	20	25	1.5	0.34	660T	
SOMA_A000666	20	25	2.0	0.443	660T	
ZWQC-HG-423	20	25	2	0.424	660T	6061-T6
ZWQC-QRKQ-048	20	25	2	0.461	660T	6082-T6
ZWQC-HG-1007	22	25	2	0.446	660T	6061
ZWQC-QRKQ-101	22.57	25	1.5	0.36	660T	6082-T6
ZWQC-QRKQ-096	23.7	25	1.5	0.37	660T	6082-T6
ZWQC-HG-1048	24.35	25	1.8	0.427	660T	6061-T6
TF-153	25	25	0.8	0.209		
XSS-413	25	25	1.1	0.282	500T	6063-T5
TF-163	25	25	1.2	0.307		
SOMA_A001867	25	25	1.5	0.372	660T	6060-T6
SOMA_A000984	25	25	1.5	0.381	660T	6060-T66
TF-58	25	25	1.5			
ALD_D000568	25	25	1.6	0.404	660T	6060-T5
ALD_D002612	25	25	2	0.491	660T	
ZW_D010037	25	25	2	0.488	660T	6060-T66
CHD_A000013	25	25	2	0.497	660T	6060-T66
SOMA_A000281	25	25	2	0.497	660T	6060-T66
ZW_D010433	25	25	2	0.45	660T	6063-T6
ZW_D010868	25	25	2	0.478	660T	6060-T66
ZW_D031063	25	25	2.5	0.608	880T	6060-T66
SOMA_A000355	25	25	3	0.713		
SOMA_AOOO355	25	25	3	0.713	660T	6060-T6
ALD_D000400	25	25	3	0.692	880T	
ALD_D000569	25	25	3	0.713	880T	
ZW_D010828	25	25	3	0.713	880T	6063-T6
ZWQC-QDQC-08	25	25	3	0.713	880T	6082-T6
ZWQC-HG-481	25	25	2	0.478	660T	6061-T6
ZWQC-HG-1006	25	25	1.8	0.433	660T	6061
ZWQC-HG-1046	25	25	1.5	0.365	660T	6061
ZWQC-QRKQ-017	25	25	1.5	0.38	660T	6082-T6
ZWQC-ACSD-002	25	25	2	0.469	660T	6082-T6
ZWQC-CAOS-02	25	25	2	0.517	660T	6061-T6
ZW_D031870	12.7	25.4	0.9	0.176	500T	6063-T5
ZW_D080123	12.7	25.4	0.8	0.158	500T	6063-T6
ZW_D080202	12.7	25.4	0.9	0.176	500T	6063-T6
ZW_D010653	12.7	25.4	1.65	0.31	660T	6063-T5
PCA_D007554	12.70	25.40	3.05	0.527	660T	6061-T6
ZW_D080253	25.4	25.4	0.9	0.238	500T	6063-T6
ZW_D031871	25.4	25.4	0.9	0.238	500T	6063-T5
ZW_D061683	25.4	25.4	1	0.264	500T	6063-T5
ZW_D060374	25.4	25.4	1.1	0.289	500T	AA6063-T5
ZW_D010651	25.4	25.4	1.27	0.331	660T	6063-T5
PCA_D000847	25.4	25.4	1.57	0.405	660T	6061-T6

PCA_DOO0847	25.4	25.4	1.57	0.406		
ZW_D061122	25.4	25.4	1.575	0.405	660T	6063-T52
SOMA_A000860	25.4	25.4	1.63	0.417	660T	6082-T6
PCA_DOO0234	25.4	25.4	1.65	0.424		
ZW_D010665	25.4	25.4	1.65	0.4	660T	6063-T5
PCA_D004046	25.4	25.4	1.91	0.457	660T	
PCA_D000047	25.4	25.4	3.05	0.734		
PCA_DOO0047	25.4	25.4	3.05	0.734		
PCA_D000835	25.40	25.40	3.18	0.728		
PCA_D001028	25.40	25.40	3.18	0.760		
PCA_D000235	25.4	25.4	3.18	0.76		
PCA_DOO0235	25.4	25.4	3.18	0.76		
SOMA_A000696	25.40	25.40	3.25	0.778	880T	6082-T6
TF-02	25.4	25.4	0.80/0.90/1.0/1.05/ 1.10/1.20			
ZWGYC-3303	11	26	1.5	0.267	500T	6082-T6
ZWGYC-3727A	11	26	1.5	0.267	500T	6082-T6
TF-74	16	26	1.10/			
ZWQC-CAOS-115	26	60	1.8	0.785	880T	6082-T6
ZWGYC-3727	11.4	26.4	1.8	0.394	660T	6082-T6
ZWQC-HG-269	20	27.5	3	0.672	880T	6061-T6
ZWQC-ACSD-009	16.12	28	2.5	0.49	660T	6082-T6
XSS-415	18	28	1.1	0.258	500T	6063-T5
ZWGYC-3166	28	28	2	0.555	660T	6082-T6
LSW-80	28.5	28.5	2.5	0.702	880T	6063-T5
PCA_D002024	28.58	28.58	1.88	0.524	660T	6063-T5
ZW_D010785	23.5	29	1.5	0.401	660T	6063-T6
SOMA_A000988	10	30	1.5	0.3	660T	6060-T66
ZW_D010004	10	30	2	0.389	660T	6060-T66
CCNZ-66	10.2	30	2	0.391	660T	6063-T5
ZWGYC-3301	15	30	1.5	0.332	660T	6082-T6
SOMA_A001069	15	30	1.5	0.34	660T	6060-T66
SOMA_A000290	15.00	30.00	2.00	0.443	660T	6060-T66
SOMA_AOOO290	15	30	2.0	0.443		
ZWQC-HG-1004	15	30	1.8	0.385	660T	6061
QL-877	18	30	1.5	0.365	660T	6063-T5
JT-504160	18	30	3	0.68	880T	6063-T5
XSS-412	20	30	1.1	0.282	500T	6063-T5
XSS-411	20	30	1.2	0.307	660T	6063-T5
SOMA_A000675	20	30	1.5	0.381	660T	6060-T6
ZWQC-QR-45	20	30	2	0.517	880T	6082-T6
ZW_D030730	20	30	2	0.488	660T	6060-T66
SOMA_A000270	20	30	2	0.497	660T	6060-T66
SOMA_AOOO270	20	30	2.0	0.497		
ZWGYC-4268	20	30	2	0.499	660T	6082-T6
ZW_D010660	20	30	2	0.497	660T	6060-T66
SOMA_A000536	20	30	3	0.713	660T	6060-T6
SOMA_AOOO536	20	30	3.0	0.713		
ZWQC-HG-407	20	30	3	0.694	880T	6061
TF-41	20	30	1.00/1.40/1.50			
ZWQC-JLQC-27	20	30	2	0.497	660T	6061-T6
ZWQC-QRKQ-053	20	30	1.5	0.381	660T	6082-T6
ZWQC-HBLY-05	22	30	2	0.5	660T	6063-T6
ZWQC-HMQC-052	22	30	2	0.518	660T	6005A-T6
ZW_D040361	22.5	30	1	0.252	500T	6063-T6
TF-215	23	30	2	0.529	660T	6063-T6
YDKM-KL-41	24	30	2	0.54	660T	6063-T5/T6
ZWQC-QR-30	25	30	2	0.571	880T	6082-T6
SOMA_A000593	25	30	2	0.551	660T	6060-T66
ZWQC-HG-1020	25	30	1.8	0.482	660T	6061
ZWQC-HG-1021	25	30	1.2	0.327	660T	6061
ZWQC-HG-1024	25	30	1.5	0.406	660T	6061
ZWQC-QRKQ-030	25	30	1.5	0.44	660T	6082-T6
ZWQC-QRKQ-043	25	30	1.5	0.428	660T	6082-T6
ZWQC-CAOS-01	25	30	2	0.569	660T	6061-T6

XSS-410	30	30	1.2	0.372	660T	6063-T5
CHD_A000225	30	30	1.5	0.460	660T	6060-T66
TP-3157	30	30	1.5	0.459	660T	6061-T6
SOMA_A000282	30	30	1.5	0.462	660T	6060-T66
CHD_A000431	30	30	1.65	0.505	660T	6060-T66
ZW_D080470	30	30	1.85	0.562	660T	6060-T66
ALD_D004022	30	30	2	0.591	660T	6060-T5
SOMA_A000533	30	30	2	0.596	880T	
SOMA_A000551	30	30	2	0.584	880T	
YDY-20	30	30	2	0.577	880T	7003-T5
ZW_D010025	30	30	2	0.596	880T	6060-T66
ZW_D061068	30	30	2	0.596	660T	6060-T66
ZWGYC-2573	30	30	2.0	0.577	880T	7003-T5
ZWGYC-3197	30	30	2	0.607	880T	6082
SOMA_A000108	30	30	2	0.605	880T	
ZW_D010663	30	30	2	0.605	880T	6060-T66
ZW_D031029	30	30	2.5	0.742	880T	6060-T66
SOMA_A000350	30	30	3	0.875		
SOMA_AOOO350	30	30	3	0.875	880T	
ZW_D055126	30	30	3	0.856	880T	6060-T66
ZWQC-HBLY-06	30	30	3	0.863	880T	6063-T6
ZW_D010787	30	30	3	0.854	880T	6060-T66
ZWQC-QDQC-07	30	30	3	0.875	880T	6082-T6
CHD_A000267	30	30	4	1.123	1250T	
ZWQC-HBLY-11	30	30	4	1.107	1250T	6063-T6
TF-110	30	30	2.00/			
ZWQC-QRKQ-005	30	30	2	0.623	880T	6082-T6
ZWQC-QRKQ-011	30	30	1.5	0.482	660T	6082-T6
ZWQC-QRKQ-021	30	30	1.5	0.48	660T	6082-T6
ZWQC-QRKQ-038	30	30	1.5	0.469	660T	6082-T6
ZWQC-HMQC-044	30	30	2	0.605	880T	6061-T6
ZWQC-TJLY-04	30	30	3	0.873	880T	6063-T6
ZW_D061725	25.4	30.23	a=2.29/b=3.18	0.725	880T	6061-T6
ZWQC-BYD-28	8	31	2	0.378	660T	6063-T6
ZW_D010698	31.75	31.75	1.6	0.521	660T	6063-T6
ZW_D010656	31.75	31.75	1.65	0.536	660T	6063-T5
PCA_D000048	31.75	31.75	3.05	0.943		
PCA_DOO0048	31.75	31.75	3.05	0.943		
PCA_D000236	31.75	31.75	3.18	0.978		
PCA_DOO0236	31.75	31.75	3.18	0.978		
SOMA_A000840	31.75	31.75	3.25	1.001	880T	
PCA_D004463	31.75	31.75	4.76	1.388	1250T	
ZWQC-HG-1033	22	31.86	3.5	0.849	880T	6061-T6
ZWQC-CAOS-049	30	32	1.8	0.569	880T	6061-T6
GRMQ-7026	20	32	1.2	0.321	660T	
ZWGYC-794	25	32	2	0.572	880T	
TF-48	25	32	2.00/3.00			
ZWGYC-795	32	32	1.5	0.494	660T	
ALD_D000529	32	32	2	0.648	660T	
ALD_D000398	32	32	3	0.94	880T	
ALD_D000570	32	32	3	0.94	1250T	
TF-194	32	32	5	1.458	1250T	
ZW_D060287	32.3	32.3	1.8	0.559	880T	6063-T5
TF-100	25	33	1.20/1.40			
CHD_A000493	20	34	2	0.54	660T	6060-T66
SOMA_A000756	20	34	3	0.778	880T	
YDKM-SM-64	31	34	3	0.956	880T	6063-T5
SOMA_A000739	34	34	2	0.691	880T	
SOMA_A000530	34	34	3	1.004	880T	
ZWHWQC_AA0020	31.5	35	2	0.64	880T	6063-T6
TF-189	5	35	1.2	0.244	500T	6063-T1
ZWGYC-4217	8	35	2	0.423	660T	6063-T5
ZW_D010278	15	35	2	0.497	660T	6060-T66
ZWGYC-3794B	18	35	1.5	0.403	660T	6063-T5

CHD_A000480	20	35	2	0.551	660T	6060-T66
ZWQC-QDQC-06	20	35	2.5	0.675	880T	6082-T6
ZWQC-CAOS-08	20	35	2	0.571	880T	6082-T6
CHD_A000224	25	35	1.5	0.462	660T	6060-T66
ZWQC-QR-78	25	35	1.8	0.56	880T	6061-T6
ZW_D030731	25	35	2	0.596	660T	6060-T66
SOMA_A000822	25	35	2	0.605	880T	
ZWQC-HG-1010	25	35	1.8	0.531	660T	6061
ZWQC-JLQC-41	25	35	1.8	0.548	660T	6061-T6
ZWQC-CAOS-40	26	35	2	0.636	880T	6082-T6
ZWQC-QR-02	30	35	1.8	0.617	880T	6061-T6
ZWQC-QR-118	30	35	2	0.67	880T	6082-T6
ZWQC-HG-208	30	35	2	0.631	880T	6061-T6
ZWQC-QDQC-05	30	35	3	0.956	880T	6082-T6
ZWQC-HG-1012	30	35	1.7	0.549	660T	6061
ZWQC-JLQC-24	30	35	1.8	0.597	880T	6061-T6
ZWQC-QRKQ-007	30	35	2	0.679	880T	6082-T6
ZWQC-QRKQ-035	30	35	2	0.666	880T	6082-T6
ZWQC-CAOS-11	30	35	1.8	0.617	880T	6082-T6
CHD_A000617	35	35	2	0.676	880T	6060-T66
ZW_D031281	35	35	2	0.704	880T	6060-T66
ZW_D060841	35	35	2	0.704	880T	6060-T66
SOMA_A000459	35.00	35.00	2.00	0.713	880T	
ZWQC-HG-1005	35	35	3	1.018	880T	6061
ZWQC-HG-1044	35	35	1.8	0.62	880T	6061
ZHWHQC_AA0017	31.5	35	2	0.643	880T	6063-T6
ALD_D001105	21.6	35.4	2	0.572	660T	
ZWGYC-609	35.5	35.5	2	0.696	880T	
ZWQC-HG-1008	25	36	1.8	0.554	880T	6061-T6
TP-3158	36	36	1.5	0.557	660T	6061-T6
ZW_D055161	36	36	3	1.229	1250T	6063-T66
LYL-117	15	37	2	0.5	660T	
ZWQC-HG-1019	30	37	2	0.662	880T	6061
CCNZ-55	35	37	4	1.382	1250T	6063-T5
SYLM-22	19.6	37.6	2	0.575	600T	
D-AE0127X	25	38	1.2	0.393	660T	
ALD_D003981	25.00	38.00	1.45	0.455	660T	6060
ALD_D000586	25	38	1.5	0.47	880T	6106
TF-165	25	38	1.6	0.51		
ALD_D003696	25	38	2	0.637	880T	
ALD_D004077	25	38	2.5	0.763	880T	6060-T5
ZWGYC-2063	25	38	3.0	0.875	880T	6061-T6
ZWQC-JLQC-50	30	38	2	0.691	880T	6061-T6
ZWQC-JLQC-05	34	38	1.8	0.665	880T	6082-T6
D-AE0106X	38	38	1.2	0.477	660T	
ALS_D000027	38	38	1.6	0.629	880T	
TF-164	38	38	1.6	0.627		
ALS_D000028	38	38	2	0.778	880T	
ZW_D060904	38	38	3	1.134	1250T	
SDLY-21	25	38	1	0.329	660T	6063-T5
ALD_D001141	17.45	38.1	3.18	0.845	880T	
ZW_D012521	19	38.1	1.6	0.466	660T	6063-T6
PCA_D004778	19.05	38.1	1.02	0.288	660T	
ZW_D010658	19.05	38.1	1.27	0.375	660T	6063-T5
ZW_D080477	19.05	38.1	3.251	0.889	880T	6063-T6
TF-169	19.1	38.1	1	0.298		
PCA_D004328	25.4	38.1	1.02	0.337	660T	
PCA_D002818	25.4	38.1	1.4	0.437		
PCA_D007068	25.40	38.10	1.57	0.507	660T	
ZW_D031098	25.4	38.1	3.25	1.001	880T	6063-T6
TF-03	25.4	38.1	0.90/1.0/1.02/1.15/ 1.20/2.50			
ZW_D080124	38.1	38.1	0.8	0.322	660T	6063-T6
ZW_D080201	38.1	38.1	0.9	0.362	660T	6063-T6
PCA_D004329	38.1	38.1	1.02	0.408		

PCA_D000113	38.1	38.1	1.27	0.505		
PCA_D004688	38.10	38.10	1.40	0.546		
ZW_D062139	38.1	38.1	1.4	0.555	660T	6063-T6
PCA_D001235	38.1	38.1	1.57	0.621	880T	
PCA_D001327	38.1	38.1	1.65	0.65		
PCA_D001327	38.1	38.1	1.65	0.65		
ZW_D010666	38.1	38.1	1.65	0.619	880T	6063-T5
ZW_D051217	38.1	38.1	2.03	0.791	880T	6063-T6
PCA_D000049	38.1	38.1	3.05	1.152		
PCA_D000049	38.1	38.1	3.05	1.152		
PCA_D000237	38.1	38.1	3.17	1.197	1250T	
PCA_D002821	38.1	38.1	3.18	1.18	1250T	
PCA_D000237	38.1	38.1	3.18	1.196		
SOMA_A000697	38.1	38.1	3.25	1.198	1250T	
PCA_D009510	38.1	38.1	4.78	1.719	1250T	
YDKM-SY-38	14.5	38.5	2	0.529	660T	6063-T6
ZWGYC-3694	19	39	1.2	0.36	660T	6063-T5
ZWQC-RTQC-037	30	40	3	1.057	1250T	6082-T6
ZWQC-CAOS-054	35	40	2.5	0.954	880T	6082-T6
ZW_D030412	10	40	2	0.497	660T	6060-T66
CCNZ-67	10.2	40	2	0.499	660T	6063-T5
ZWGYC-1774	12	40	1.5	0.381	660T	6082-T4
ZWGYC-1312	14	40	1.6	0.439	660T	6005-T5
QL-878	15	40	1.5	0.421	660T	6063-T5
SOMA_A000720	15	40	2	0.551	660T	6060-T6
ZWQC-QR-74	15	40	2	0.542	660T	6061-T6
TF-229	16	40	2	0.562	880T	6082
ZWQC-HGDC-484	16	40	3	0.81	880T	6061-T6
ZWGYC-3693	20	40	1.2	0.373	660T	6063-T5
QL-858	20	40	1.5	0.462	660T	6063-T5
ZW_D060529	20	40	1.6	0.485	660T	6082-T6
SOMA_A000361	20	40	2	0.596	880T	
SOMA_A000104	20	40	2	0.605	660T	
SOMA_A000104	20	40	2.0	0.605		
ZW_D010661	20	40	2	0.605	880T	6060-T66
SOMA_A000508	20	40	2.5	0.742	880T	
SOMA_A000508	20	40	2.5	0.742		
CHD_A000446	20	40	3	0.854	880T	6060-T66
SOMA_A000364	20	40	3.0	0.875		
SOMA_A000364	20	40	3	0.875	880T	
ZWGYC-2209	20	40	3	0.875	880T	6082-T6
ZWQC-HG-426	20	40	3	0.867	880T	6061-T6
SOMA_A000891	20	40	4	1.123	1250T	
SOMA_A00891	20	40	4	1.123		
TF-75	20	40	0.80/			
ZWQC-QRKQ-026	20	40	1.5	0.469	660T	6082-T6
ZWQC-QRUV-092	20	40	2	0.586	880T	6082-T6
ZWGD-0057	20	40	3	0.875	880T	6063-T5
ZW_D012739	20	40	1.1	0.343	660T	6063-T5
ZW_D040360	22.50	40.00	1.10	0.335	660T	6063-T6
YDKM-TF-02	23	40	2	0.637	880T	
ZWQC-TJSW-16	23	40	3	0.923	880T	6061-T6
LNJH-10	24	40	2.5	0.785	880T	
SOMA_A000645	25	40	2	0.659	880T	
ZWGYC-1131E	25	40	3	0.956	880T	6061-T6
ZWGYC-1192	25	40	4.0	1.231	1250T	6063-T5
ZWQC-HMQC-13	25	40	2	0.659	880T	6061-T6
ZJ-QHD-35	27	40	3	0.988	880T	6063-T5
ZWQC-YQ-101	30	40	1.5	0.52	660T	6005A
ZWQC-QR-07	30	40	2	0.733	880T	6082-T6
DC00001183G00	30	40	2	0.713	1250T	
SOMA_A000365	30	40	2.0	0.713		
SOMA_A000365	30	40	2	0.713	880T	
DC00001768G00	30	40	2	0.713		6005A-T6

ZWQC-HBLY-02	30	40	2	0.704	880T	6063-T6
ZW_D010662	30	40	2	0.713	880T	6060-T66
ZWQC-HG-420	30	40	2	0.694	880T	6061-T6
SOMA_A000847	30	40	2.5	0.878	880T	
LXC-00-712	30	40	3	1.035	880T	6061-T6
ZWQC-TJ-22	30	40	3	0.96	880T	6063
SOMA_A000271	30	40	3	1.037	880T	
SOMA_AOOO271	30	40	3.0	1.037		
SOMA_A000420	30	40	4	1.399	1250T	
SOMA_AOOO420	30	40	4.0	1.339		
ZWQC-JLQC-10	30	40	2	0.733	880T	6061-T6
ZWQC-QRKQ-027	30	40	2	0.731	880T	6082-T6
ACC1003112G030	30	40	2	0.713	880T	6005A-T6
ZWQC-QRKQ-003	35	40	1.5	0.583	880T	6082-T6
ZWQC-HMQC-060	35	40	2	0.767	880T	6005A-T6
ZWQC-HMQC-061	39	40	2	0.81	880T	6005A-T6
ZW_D055173	40	40	1	0.4	660T	6060-T66
TF-187	40	40	1.2	0.503	660T	
TF-176	40	40	1.4	0.584	880T	
CHD_A000247	40	40	1.5	0.624	880T	6060-T66
ALD_D001136	40	40	1.6	0.664	880T	
ZW_D010050	40	40	1.6	0.647	880T	6082-T6
CHD_A000618	40	40	2	0.784	880T	6060-T66
SOMA_A000552	40.00	40	2.00	0.800	880T	
ZW_D010026	40	40	2	0.812	880T	6060-T66
ZW_D031285	40	40	2	0.812	880T	6060-T66
ZW_D031297	40	40	2	0.812	880T	6060-T66
ZWQC-QR-51	40	40	2	0.841	880T	6082-T6
TF-176	40	40	2	0.793		
SOMA_A000283	40	40	2	0.821	880T	
ZW_D010664	40	40	2	0.821	880T	6060-T66
SOMA_A000357	40	40	2.5	1.003	880T	
ZW_D031298	40	40	2.5	0.975	880T	6060-T66
SOMA_A000351	40	40	2.5	1.013		
SOMA_AOOO351	40	40	2.5	1.013	880T	
ZW_D055122	40	40	2.5	0.981	880T	6060-T66
ALD_D000616	40	40	3	1.199	1250T	
LXC-00-711	40	40	3.0	1.197	1250T	6061-T6
SOMA_A000261	40	40	3	1.199	1250T	
ALD_D000571	40	40	3	1.179	1250T	
ZW_D061175	40	40	3	1.199	1250T	6060-T66
CHD_A000445	40	40	4	1.518	1250T	6060-T66
SOMA_A000284	40	40	4	1.555	1250T	
ZW_D030559	40	40	5	1.89	1250T	6060-T66
TCF00000067008	40	40	5	1.89	1250T	6005A-T6
MCCT001.05-02B	40	40	5	1.899	2000T	6005A-T6
ZWQC-CAOS-30	40	40	2	0.818	880T	6082-T6
ZWQC-KWBE-02	40	40	2	0.793	880T	6082-T6
CV_36301285S	25	40	3	0.936	880T	6005A-T6
ZWHWQC_AA0018	40	40.6	2	0.827	880T	6063-T6
ZWQC-HG-1042	30	41	3	1.037	880T	6061
ZWGYC-5455	41.8	41.8	1.5	0.715	880T	6063-T6/6082-T6
ZWGYC-1011	11	42	1.2	0.328	660T	6063/6060
ZWQC-JLQC-53	33	42	A=1.8/B=2	0.717	880T	6061-T6
ZWQC-JLQC-36	35	42	A=2/B=1.8	0.738	880T	6061-T6
ZWGYC-4140	22.4	42.4	1.2	0.404	660T	6063-T5
ZW_D010340	42.5	42.5	1.5	0.642	880T	7003-T6
TF-16	25	42.6	1.00/1.20			
CCNZ-41	25	43	2	0.692	880T	6063-T5
ZWQC-JLQC-14	30	43	1.8	0.675	880T	6061-T6
ZWQC-TJSW-41	30	43	3	1.085	880T	6061-T6
CCNZ-49	40	43	2	0.853	880T	6063-T5
ZWQC-BJFT-012	40	43	4	1.62	1250T	6061-T6
ZW_D055172	43	43	1	0.433	660T	6060-T66

AV-07-Q-500428-01	43	43	2.3	0.97	880T	6060-T4
LYL-116	20	44	2	0.611	880T	
8MET-XC-XJ-003	27	44	3	1.053	1250T	6005A-T6
LNJH-08	40	44	2	0.868	880T	
ZWGYC-915	44	44	3	1.328	1250T	
AS-07-Q-10799-06	38	44.4	2.8	1.119	1250T	6008-T4/T6
ZW_D021357	25	44.45	1.17	0.424	660T	6063-T5
ZW_D060371	25.4	44.45	1.17	0.427	660T	AA6063-T5
ZW_D060618	25.4	44.45	1.75	0.627	880T	6063-T5
ZW_D060734	25.4	44.45	2	0.711	880T	6063-T5
PCA_D001237	38.1	44.45	1.78	0.757		
FG-01	38.1	44.45	3.18	1.306	880T	
ZW_D060384	44.45	44.45	1.14	0.534	660T	6063-T5
ZW_D071170	44.45	44.45	1.14	0.534	660T	6063-T5
ZW_D021356	44.45	44.45	1.14	0.533	660T	6063-T5
ZW_D010657	44.45	44.45	1.27	0.592	880T	6063-T5
ZW_D060753	44.45	44.45	1.6	0.74	880T	AA6063-T5
ZW_D060619	44.45	44.45	1.75	0.807	880T	6063-T5
ZW_D060736	44.45	44.45	2	0.917	880T	6063-T5
ZW_D021355	44.45	44.45	2	0.917	880T	6063-T5
PCA_D000050	44.45	44.45	3.05	1.362		
PCA_D000050	44.45	44.45	3.05	1.362		
PCA_D002020	44.45	44.45	3.18	1.417	1250T	
PCA_D002020	44.45	44.45	3.18	1.416		
ZWQC-HG-1041	10	45	2	0.532	660T	6061
ZWQC-QRKQ-065	16	45	1.5	0.461	660T	6061-T6
SOMA_A001119	20	45	2.0	0.659	880T	
ZWQC-CCHX-03	20	45	5	1.457	1250T	6063-T6
SOMA_A000584	25	45	2	0.713		
SOMA_A000584	25	45	2	0.713	880T	
ZWQC-QR-90	25	45	2	0.724	880T	6082-T6
TF-129	25	45	0.80/1.17			
ZWQC-QRKQ-071	25	45	1.2	0.47	660T	6061-T6
ZW_D074181	25.7	45	1.5	0.548	660T	6063-T5
ZWGYC-4241	30	45	3	1.109	1250T	6061-T6
SOMA_A000985	33	45	2.5	0.949	880T	
ZW_D010158	34	45	3	1.183	1250T	6060-T66
SOMA_A000360	45	45	2	0.929		
SOMA_A000360	45	45	2	0.929	880T	
ZW_D060573	45	45	3	1.361	1250T	6060-T66
ZW_D011952	45	45	2.5	1.148	1250T	6060-T66
ZWQC-RTQC-043	45	45	4	1.716	1800T	6061
ZW_D010097	45.5	45.5	3.25	1.447	1250T	6061-T6
ZWGYC-1300	16	46	2.5	0.749	880T	6061-T6
TF-185	20	46	2.5	0.824	880T	
ZWGYC-863	20	46	3	0.972	880T	
ZWQC-HMQC-055	45	46	2	0.931	880T	6005A-T6
ZWQC-QR-62A	20	47	2	0.68	880T	6082-T6
ZWQC-JLQC-30	22	48	2	0.722	880T	6061-T6
ZWQC-HG-1047	41.2	48	3	1.299	1250T	6061
DLQT-10	48	48	1.3	0.656	880T	
ZWBJ-ZTPJ-JM02	32	49	4	1.542	1250T	GGMB-T6
LNJH-02	40	49	2	0.922	880T	
ZWQC-CAOS-029	30	50	1.8	0.763	880T	6082-T6
ZWQC-BJFT-014	7	50	2	0.572	880T	6061-T6
TF-197	8	50	2	0.581	880T	
ZWGYC-3116	8	50	2	0.583	880T	6063-T5
ALS_D000385	10	50	1.15	0.353	660T	
ZW_D030465	10	50	2	0.605	880T	6060-T66
TF-104	10	50	1.00/			
TF-226	12	50	1.2	0.386	660T	6063-T5
SOMA_A000667	15	50	2	0.659	880T	
XSS-409	20	50	1.0	0.36	660T	6063-T5
XSS-409	20	50	1	0.36	660T	6063-T5

TF-186	20	50	1.2	0.428	660T	
ZW_D080040	20	50	1.5	0.543	660T	6063-T5
YK-F005	20	50	2	0.713	880T	6061-T6
SOMA_A000272	20	50	2.00	0.713	880T	6060-T66
SOMA_AOOO272	20	50	2.0	0.713		
ZWGYC-1617	20	50	2	0.713	880T	6060
ZW_D031611	20	50	2.5	0.878	880T	6060-T6
SOMA_A000641	20	50	3	1.037	880T	
SOMA_A000843	20	50	3.0	0.543	660T	6060-T6
CHD_A000437	20	50	4	1.34	1250T	6060-T66
ZW_D020531	20	50	4	1.339	1250T	6060-T66
LXC-01-046	20	50	3	1.035	880T	6061-T6
TF-225	25	50	1.4	0.546	660T	6063-T5
ZW_D010341	25	50	1.4	0.537	660T	7003-T6
ZW_D010699	25	50	1.5	0.583	880T	6063-T6
ALD_D000409	25	50	1.6	0.615	880T	
ZW_D051160	25	50	2	0.72	880T	6063-T6
SOMA_A000273	25	50	2	0.767	880T	
SOMA_AOOO273	25	50	2.0	0.767		
ZW_D010425	25	50	2	0.72	880T	6063-T6
SOMA_A000541	25	50	3	1.118	1250T	
SOMA_AOOO541	25	50	3.0	1.118		
ALD_D000572	25	50	3	1.097	1250T	
ZWQC-HG-427	25	50	3	0.748	880T	6061-T6
ZWQC-TJ-37	25	50	4	1.447	1250T	6063-4.0
LXC-01-052	25	50	4	1.445	1250T	6061-T6
TF-96	25	50	1.20/			
TF-123	25	50	2.00/			
ZWQC-HMQC-063	26.5	50	2	0.783	880T	6005A-T6
ZW_D031277	30	50	2	0.812	880T	6060-T66
SOMA_AOOO368	30	50	2.00	0.821	880T	
ZWQC-QR-83	30	50	2	0.832	880T	6082-T6
YDY-54	30	50	2	0.795	880T	7003-T5
ZW_D010848	30	50	2	0.784	880T	6060-T66
ZWQC-QR-47	30	50	2.5	1.033	880T	6082-T6
SOMA_A000878	30	50	2.5	1.013	880T	
LXC-00-704	30	50	3.0	1.197	1250T	6061-T6
SOMA_A000965	30	50	3	1.178	1250T	
SOMA_A000274	30	50	3	1.199	1250T	
SOMA_AOOO274	30	50	3.0	1.199		
LXC-01-031	30	50	4	1.553	1250T	6061-T6
ZW_D061135	30	50	4	1.555	1250T	6060-T66
8MQT-XC-DJ-013	30	50	5	1.89		6005A-T6
TF-127	30	50	1.90/1.4			
ZWXC-61	32	50	4	1.598	1250T	
LSW-31	32.5	50	1.5	0.644	880T	6063-T5
ZWBJ-LBL-04	33	50	A=4/B=2.5	1.301	1250T	GGMB-T6
SOMA_A001223	34	50	3	1.264	1250T	
SOMA_A000916	35	50	2.4	1.002	880T	
ZW_D031093	35	50	3	1.28	1250T	6060-T66
TF-56	38	50	1.10/1.40			
ZW_D031278	40	50	2	0.92	880T	6060-T66
ZWQC-QR-48	40	50	2	0.949	880T	6082-T6
SOMA_A000544	40	50	2	0.929	880T	
SOMA_AOOO544	40	50	2.0	0.929		
SOMA_A001122	40	50	2.5	1.148	1250T	
LXC-00-703	40	50	3.0	1.359	1250T	6061-T6
SOMA_A000369	40	50	3.0	1.361		
SOMA_A000369	40	50	3	1.361	1250T	
SOMA_AOOO369	40	50	3.0	1.361		
ALD_D000423	40	50	3	1.34	1250T	6106
SOMA_A000370	40	50	4	1.771	1250T	
SOMA_AOOO370	40	50	4.0	1.771		
LXC-00-321	40	50	3	1.359	1250T	6061-T6

ZWQC-QRUV-018	40	50	2.5	1.147	1250T	6082-T6
ZWQC-QRUV-043	40	50	2	0.936	880T	6082-T6
ZW_D070768	45	50	2.0	0.983	880T	6060-T66
SOMA_A000450	45	50	3	1.442	1250T	
SOMA_AOOO450	45	50	3.0	1.442		
ZWQC-QR-124	45	50	4.5	2.11	1800T	6082-T6
TF-167	50	50	1	0.529		
ZW_D080360	50	50	1.3	0.684	880T	6063-T6
ZW_D060575	50	50	1.5	0.786	880T	6060-T66
ALD_D000411	50	50	1.6	0.794	880T	
ZWQC-HG-452	50	50	1.8	0.911	880T	6061-T6
ALD_D003988	50	50	2	1.018	1250T	
SOMA_A000358	50	50	2	1.037		
SOMA_AOOO358	50	50	2	1.037	880T	
ALD_D000412	50	50	2	0.99	1250T	
ZWQC-QR-64	50	50	2	1.028	880T	6061-T6
ALD_D000399	50	50	2.5	1.283	1250T	
LXC-00-707	50	50	3.0	1.523	1250T	6061-T6
LXC-00-709	50	50	3.0	1.521	1250T	6061-T6
ALD_D003985	50	50	3	1.502	1250T	6060
SOMA_A000051	50	50	3	1.523	1250T	
SOMA_A001049	50	50	3.2	1.617	1250T	
TCF00000003297	50	50	3.5	1.758		6005A-T4
ZWGYC-1881	50	50	3.5	1.757	1250T	6061-T6
LXC-00-139	50	50	4	1.985	1250T	6061-T6
SOMA_AOOO352	50	50	4	1.987	1250T	
ZW_D011114	50	50	4	1.95	1250T	6060-T66
STX1093-501	50	50	5	2.430	2000T	6082-T6
ZWGYC-1882	50	50	5	2.429	2000T	6061-T6
CHD_A000295	50	50	5	2.43	1800T	6060-T66
8M9T-XC-XJ-007	50	50	5	2.393	2000T	6005A-T6
ZWQC-YQ-27	50	50	5	2.432	2000T	6082-T6
LC11-059	50	50	6	2.851	2750T	6005A-T6
TF-39	50	50	1.20/1.25/1.30/1.40 /1.45/1.50/2.00/2.55/3.0 0			
ZW_D032155	50	50	3	1.516	1250T	6005A-T5
ZWQC-HMQC-36	50	50	3	1.488	1250T	6061
LC12-093	50	50	3.5	1.8	1250T	6005A-T4
ZW_D012874	50	50	3	1.523	1250T	6060-T66
ZWQC-KWBE-07	30	50	2	0.784	880T	6082-T6
ZWQC-KWBE-16	40	50	2	0.929	880T	6082-T6
ZWQC-RTQC-034	50	50	2	1.037	1250T	6082-T6
ZWQC-RTQC-065	20	50	3	1.067	1250T	6082-T6
LC12-275	40	50	2	0.901	1250T	6005A-T6
KLYL-C095-3501	27.5	50	2.5	0.949	880T	6082-T4
ZWQC-JLJT-03	28.5	50.08	3	1.127	880T	6063-T6
ZW_D031916	12.7	50.8	0.9	0.3	660T	6063-T5
ZW_D031872	25.4	50.8	0.9	0.362	660T	6063-T5
ZW_D031917	38.1	50.8	0.9	0.423	660T	6063-T5
ZW_D080125	25.4	50.8	0.8	0.322	660T	6063-T6
ZW_D010654	25.4	50.8	1.27	0.505	660T	6063-T5
PCA_D004775	25.4	50.8	1.4	0.546		
ZW_D074236	25.4	50.8	1.6	0.631	880T	6063-T5
PCA_D002102	25.4	50.8	2.29	0.868	880T	
PCA_D004976	25.4	50.8	3.05	1.154	1250T	
PCA_D000434	25.4	50.8	3.18	1.197	1250T	
SOMA_A000698	25.4	50.8	3.25	1.224	1250T	
TF-04	25.4	50.8	0.90/1.00/1.10/1.20/1.3 0/1.40			
ZW_D012330	31.75	50.8	3.25	1.335	1250T	6063-T6
PCA_D001532	38.1	50.8	3.18	1.413		
ZW_D020031	38.1	50.8	3.3	1.467	1250T	6082-T6
ZW_D031915	50.8	50.8	0.95	0.511	660T	6063-T5
SOMA_A000908	50.8	50.8	1.63	0.863	880T	

ZW_D010652	50.8	50.8	1.65	0.876	880T	6063-T5
ALD_D001137	50.8	50.8	1.8	0.908	880T	
PCA_D000051	50.8	50.8	3.05	1.57		
PCA_DO00051	50.8	50.8	3.05	1.57		
PCA_D000238	50.8	50.8	3.18	1.631		
PCA_DO00238	50.8	50.8	3.18	1.631		
ALD_D000574	50.8	50.8	3.2	1.598	1250T	
SOMA_A000699	50.8	50.8	3.25	1.67	1250T	
ZW_D060491	50.8	50.8	4.76	2.368	2000T	6061-T6
PCA_D003105	50.8	50.8	4.78	2.374	1250T	
PCA_DO00239	50.8	50.8	4.78	2.374		
PCA_DO00968	50.8	50.8	6.1	2.943	2000T	
PCA_D000823	50.8	50.8	6.35	3.047	1250T	
PCA_DO00240	50.8	50.8	6.35	3.047	2000T	
ZWQC-QR-62	20	52	2	0.725	880T	6082-T6
ZWQC-QR-62B	20	52	1.8	0.664	880T	6082
ZWQC-HG-1000	50	52.5	1.8	0.944	880T	6061
ZW_D080707	33.6	52.6	2	0.778	880T	6005A-T6
LSW-87	30	53	2	0.853	880T	6063-T5
ZWGYC-4150	24	54	1.5	0.608	880T	6063-T5
LXC-01-045	25	55	4	1.553	1250T	6061-T6
ZWGD-0059	10	55	2	0.659	880T	6063-T5
LXC-00-254	30	55	3	1.278	1250T	6061-T6
ZWQC-QRKQ-028	30	55	2	0.893	880T	6082-T6
TF-105	35	55	2.00/			
ZWGYC-1131B	40	55	3.0	1.442	1250T	6061-T6
LXC-00-258	40	55	3	1.44	1250T	6061-T6
LXC-05-007	50	55	2	1.089	1250T	6061-T6
LXC-00-632	50	55	3	1.602	1250T	6061-T6
ZW_D070656	50	55	3.0	1.604	1250T	6060-T66
SOMA_A000460	55	55	2	1.145	1250T	
AS_01_Q_7369-04	53	55.6	2.2	1.154	1250T	6060
XSS-720	27	56	1.8	0.763	880T	6061-T6
ZWQC-QR-81	45	56	2	1.048	880T	6061-T6
ZWQC-JLQC-47	45	56	2	1.075	880T	6061-T6
LXC-01-033	50	57	3	1.634	1250T	6061-T6
TF-103	39	59	1.40/			
ZWQC-CAOS-027	20	60	1.8	0.726	880T	6082-T6
LXC-00-729	30	60	3	1.36	1250T	6061-T6
ZWGYC-5416	36	60	5	2.35	2000T	6061-T6
ZW_D080469	40	60	1.85	0.962	880T	6060-T66
ZW_D031092	10	60	2	0.713	880T	6060-T66
ZWGYC-3279	10.1	60	2.5	0.874	880T	6005-T6
CCNZ-68	10.2	60	2	0.715	880T	
HK-297	12	60	2	0.697	880T	6082-T4
ZW_D011474	17	60	2	0.787	880T	6060-T66
ZW_D011474	17	60	2	0.787	880T	6060-T66
JT-518525	18	60	2.5	0.986	880T	
TF-161	20	60	1.2	0.503		
ZW_D030466	20	60	1.5	0.624	880T	6060-T66
SOMA_A000371	20	60	2.00	0.821	880T	
ZW_D020532	20	60	3	1.199	1250T	6060-T66
ZW_D070326	20	60	3	1.199	880T	6060-T66
ZW_D030928	20	60	4	1.555	1250T	6060-T66
CCNZ-64	20.2	60	2	0.823	880T	6063-T5
ZWQC-HG-1029	24	60	3	1.252	1250T	6061-T6
SOMA_AOOO366	25	60	2.0	0.875		
SOMA_A000834	25	60	3	1.28	1250T	
ZWQC-QR-09	30	60	2	0.949	880T	6061-T6
SOMA_AOOO543	30	60	2.0	0.929		
ZW_D030738	30	60	2.5	1.148	1250T	6060 T66
SOMA_A000372	30	60	3	1.361	1250T	
ZW_D060576	30	60	4	1.771	2000T	6060-T66
TF-95	30	60	1.20/			

ZWQC-HMQC-15	30	60	3	1.312	1250T	6082-T6
ZWQC-QRKQ-033	30	60	2	0.947	880T	6082-T6
ZW_D012740	30	60	1.5	0.705	880T	6063-T5
ZWQC-BYD-23	31.5	60	3	1.383	1250T	6061-T6
TCF00000089997	33	60	3	1.419		6005A-T6
ZW_D060577	34	60	3	1.426	1250T	6060-T66
ZWQC-QR-63	35	60	2.5	1.227	1250T	6082-T6
ZWQC-QRKQ-013	35	60	2	1.003	880T	6082-T6
ZWQC-YQ-102	40	60	1.5	0.763	880T	6005A
CHD_A000613	40	60	2	1.037	1250T	6060-T66
SOMA_A000806	40	60	2.0	1.028	880T	
ZW_D031299	40	60	2	1.028	880T	6060-T66
SOMA_AOOO384	40	60	2.0	1.037		
TF-216	40	60	2.0	0.993	1250T	
SOMA_A000535	40	60	2.5	1.273	1250T	
SOMA_A000105	40	60	2.5	1.283	1250T	
TF-237	40	60	3	1.474	1250T	6061-T6
SOMA_A000373	40	60	3	1.523	1250T	
SWTJ-008	40	60	3	1.523	1250T	
ZW_D010575	40	60	3	1.491	1250T	6060-T66
CHD_A000615	40	60	4	1.987	2000T	6060-T66
ZW_D031300	40	60	4	1.987	1250T	6060-T66
SOMA_A000275	40	60	4	1.987	1250T	
ZW_D011004	40	60	4	1.966	1800T	6060-T66
TF-73	40	60	1.40/			
ZW_D011558	40	60	4	1.959	1250T	6060-T4
MCCT001.05.02-03B	40	60	3	1.532	1250T	6005A-T6
ZWQC-QRKQ-025	40	60	2	1.057	880T	6082-T6
ZWQC-QRKQ-032	40	60	2	1.055	880T	6082-T6
ZW_D031286	45	60	3	1.604	1250T	6060-T66
CHD_A000614	50	60	3	1.685	1250T	6060-T66
LXC-00-701	50	60	3.0	1.683	1250T	6061-T6
SOMA_A000721	50	60	3	1.685	1250T	
ZW_D055189	50	60	3	1.664	1250T	6060-T66
SOMA_A000922	50	60	4	2.203	1250T	
ACC1002229G030	50	60	4	2.21	1800T	6005A-T6
STX1093-603	50	60	5	2.691	2750T	6082-T6
ZWQC-YQ-28	50	60	5	2.702	2000T	6082-T6
LXC-00-268	50	60	A=4/B=8	3.325	2750T	6061-T6
LXC-00-284	50	60	4	2.202	2750T	6061-T6
LXC-01-034	55	60	3	1.764	1250T	6061-T6
LXC-00-280	55	60	A=4/B=8	3.433	2750T	6061-T6
ZWQC-QRUV-070	55	60	2	1.115	1250T	6005A-T6
ZWQC-CAOS-44	59.5	60	1.8	1.147	1250T	6061-T6
SOMA_A000531	60	60	2	1.253	1250T	
SOMA_A001103	60	60	2	1.253	1250T	
ZW_D030729	60	60	2.5	1.532	1250T	6060-T66
ZW_D031030	60	60	2.5	1.552	1250T	6060-T66
SOMA_AOOO353	60	60	3	1.847	1800T	6060-T6
SOMA_A000109	60	60	4	2.419	1800T	6060-T66
AZC1004082G030	60	60	5	2.982		6005A-T6
ZW_D070257	60	60	5	2.97	2000T	6060-T66
ZWGYC-3761	60	60	5	2.954	2000T	6082-T6
CHD_A000459	60	60	8.0	4.493	2000T	6060-T66
TF-94	60	60	1.20/			
TF-72	60	60	1.40/2.50			
ADC1027196G030	60	60	3	1.819	2000T	6005A-T6
ZW_D011966	60	60	5	2.843	2000T	6082-T6
PM0KD12640101106	60	60	6	3.499	2750T	6061-T6
ZW_D013115	60	60	4	2.419	2000T	6082-T6
SDLY-10	20	60	1	0.421	660T	6063-T5
ZWQC-YQ-64	32	60	4.5	2.017	2000T	
JCTP-162	25	60	1.2	0.535	880T	6063
TF-88	40.4	60.6	2.70/			

LC10-052	38	61	3	1.507	1250T	6005A-T4
ZWGYC-836	40	61.2	3	1.542	1250T	
ZWQC-QRKQ-088	44.71	62	1.8	0.985	880T	6082-T6
ZWQC-QRKQ-068	45	62	1.8	0.988	880T	6061-T6
ZWQC-QRKQ-070	45	62	1.8	1.034	880T	6061-T6
XSS-755	17	62.8	1.2	0.483	660T	6005A-T6
XSS-738	16.9	62.9	1	0.409	660T	6063-T5
ZWQC-HG-259	60	63	3	1.875	1250T	6061-T6
ZWQC-HG-07	63	63	3	1.923	1250T	6061-T6
ZWQC-HG-410	63	63	3	1.925	1800T	6061
ZW_D011851	25.4	63.5	3.25	1.446	1250T	6063-T6
ZW_D011881	25.4	63.5	3.25	1.446	1250T	6063-T6
PCA_D000114	38.1	63.5	1.57	0.836		
PCA_D004977	38.1	63.5	3.05	1.572	1250T	
PCA_D005614	38.1	63.5	3.175	1.633	1250T	
PCA_D009479	63.5	63.5	3.17	2.069	1800T	
PCA_D004584	63.5	63.5	6.1	3.779	2000T	6061-T6511
TF-37	25	64	0.80/0.90/1.00/1.10/1.20/1.30			
LXC-01-041	30	64	4	1.856	1250T	6061-T6
TF-59	44	64	1.00/1.10/1.20			
ZWQC-CAOS-108	39.83	65	2	1.109	1250T	6082-T6
LXC-00-214	40	65	3	1.602	1250T	6061-T6
ZW_D090110	16	65	1	0.42	660T	6060-T5
ALS_D000386	16	65	1.15	0.473	880T	
ALD_D000534	16	65	1.40	0.576	880T	
ZWQC-QRKQ-010	30	65	2.00	1.003	880T	6082-T6
ZW_D055059	35	65	2.5	1.283	1250T	6060-T66
ZWQC-JLQC-04	38	65	2	1.069	880T	6082-T6
ZWQC-QRUV-048	40	65	3	1.46	1250T	6082-T6
LXC-01-065	57	65	3	1.877	1250T	6061-T6
LXC-01-042	60	65	3	1.926	1800T	6061-T6
ZW_D011050	65	65	1.8	1.229	1250T	6060-T6
ZWQC-TJ-28	65	65	2	1.259	1250T	6063
ZW_D020693	65	65	2.5	1.688	1250T	6063-T5
ZW_D030670	65	65	2.5	1.688	1250T	6060-T66
ZW_D090073	65	65	2.5	1.667	1250T	6060-T6
TF-45	65	65	1.40/			
KLYL-W204-43826	29.4	65.4	4.5	2.066	1800T	
TF-13	25.4	67	0.85/0.90/1.00/1.10/1.15/1.20/1.25/1.30/1.40/1.50			
TF-182	44.5	67	2.5	1.428	1250T	
TF-23	44.5	67	1.00/1.20/1.50/2.00			
LNJH-15	44	68	2	1.166	1250T	6063-T5
ZWQC-HMQC-079	44	68	2	1.166	1250T	6082-T6
LXC-01-037	40	69	4	2.182	2000T	6061-T6
TF-102	43	69	1.40/			
ZWQC-RTQC-001	45	70	2	1.197	1250T	6082-T6
ZWGYC-2853	20	70	2	0.901	880T	7003-T5
SOMA_A000606	20	70	2	0.929	1250T	
TF-235	25	70	2	0.983	880T	6063-T5
ZW_D030561	25	70	2.5	1.215	1250T	6060-T66
BJKJY-HL05	30	70	1.2	0.632	880T	
ZW_D060413	30	70	2	1.037	880T	6060-T66
SOMA_A001118	30	70	3	1.523	1250T	
LXC-01-055	30	70	5	2.428	2000T	6061-T6
ZW_D030700	35	70	2	1.091	1250T	
ZWQC-HG-255	38.5	70	3	1.626	1250T	6061-T6
SOMA_A000262	40	70	3	1.685	1250T	
ZW_D010159	40	70	4	2.203	1800T	6060-T66
LXC-00-250	40	70	4	2.201	1800T	6061-T6
ZWQC-HG-1051	40	70	3	1.685	1250T	6061-T6
ZWQC-QRXH-07	45	70	3.5	1.964	1250T	6082-T6
TF-202	50	70	1.5	0.948	1250T	6082-T6

TF-214	50	70	2.5	1.509	1250T	6082-T6
ZW_D020533	50	70	3	1.847	1250T	6060-T66
ZWQC-QRXH-05	50	70	3	1.865	1250T	6082-T6
LXC-01-030	50	70	4	2.417	2000T	6061-T6
ZW_D070796	50	70	4.0	2.419	1800T	6060-T66
TF-69	50	70	3.00/			
LXC-00-633	50	70	A=4/B=8	3.757	2750T	6061-T6
ZWQC-QRKQ-034	50	70	2	1.271	1250T	6082-T6
LXC-01-080	57	70	4	2.569	2000T	6061-T6
ZWQC-HG-106	60	70	3	2.009	1250T	6005A-T6
LXC-00-262	60	70	4	2.635	2000T	6061-T6
LXC-01-069	60	70	5	3.24	2750T	6061-T6
ZWQC-HG-1002	60	70	2	1.342	1250T	6061
ZWQC-HG-1037	60	70	1.8	1.217	1250T	6061
ZWQC-HG-1043	66	70	1.8	1.269	1250T	6061
ZW_D070600	70	70	2	1.469	1250T	6060-T66
ZWQC-TJ-25	70	70	2	1.32	1250T	6063
SOMA_A000719	70	70	2	1.469	1250T	
CHD_A000494	70	70	3	2.171	2000T	6060-T66
SOMA_A000448	70	70	4	2.851	1800T	6060-T66
ZWGYC-1883	70	70	8	5.356	3150T	6061-T6
8Q8T-XC-SJS-002	70	70	6	4.147	2750T	6005A-T6
ZWQC-RTQC-061	62	70	1.8	1.245	1250T	6082-T6
JCTP-157	70	70	2.5	1.823	2000T	6063-T5
TP-1278B	25	70.5	1.2	0.603	880T	
ZW_D020874	72.24	72.24	1.98	1.502	1250T	6063-T6
TF-28	25	73	1.20/1.40/1.60			
TF-26	25.4	73	1.00/1.15/1.20/1.30/1.35/1.40			
ZWQC-HG-1030	30	74	2	1.061	1250T	6061
8MUT-XC-DJ-006	60	74	5	3.348	2750T	6005A-T6
8MQT-XC-SJS-002	74	74	5	3.726		6005A-T6
TF-160	22	75	1.2	0.613		
ALD_D003941	25	75	2	1.037	880T	6005A-T5
ZW_D090077	40	75	2	1.199	1250T	6060-T5
ZWQC-HG-1014	40	75	4	2.293	2000T	6061-T6
ZW_D030739	50	75	3	1.928	1250T	6060 T66
ZW_D055160	50	75	3	1.893	1250T	6060-T66
ZW_D090081	75	75	3	2.312	2000T	6060-T5
TF-221	75	75	4.0	3.067	2000T	6061-T6
TF-86	20	76	0.80/0.85			
TF-27	25	76	0.90/1.00/1.20/2.0			
ZW_D051233	38	76	2	1.188	1250T	6063-T6
ZW_D010447	38	76	3	1.75	1250T	6063-T6
ZW_D051163	76	76	2	1.598	1250T	6063-T6
ZW_D010824	76	76	3.18	2.501	2000T	6063-T6
TF-19	76	76	1.20/1.50			
ZW_D031873	38.1	76.2	1	0.606	880T	6063-T5
PCA_D010461	25.4	76.2	2.6	1.352	1250T	
PCA_D006186	25.4	76.2	3.18	1.61	1250T	
PCA_D001530	25.4	76.2	3.18	1.631		
SOMA_A001458	25.4	76.2	3.25	1.67	1250T	
TF-05	25.4	76.2	0.80/0.90/0.98/1.00/1.10/1.20/1.40/1.50/3.00			
TF-06	25.4	76.2	1.4/			
PCA_D004691	38.1	76.2	1.57	0.94	1250T	
PCA_D002340	38.1	76.2	3.05	1.781	1250T	
PCA_D004979	38.1	76.2	3.05	1.781	1250T	
PCA_D002318	38.1	76.2	3.18	1.851	1250T	
ZW_D010524	38.1	76.2	3.251	1.892	1250T	6082-T6
PCA_D004515	44.45	76.2	3.05	1.885		
ZW_D021351	44.5	76.2	1.5	0.953	880T	6063-T5
ZW_D021352	44.5	76.2	1.8	1.138	1250T	6063-T5
TF-08	44.5	76.2	0.80/0.90/0.98/1.00/1.02/1.10/1.18/1.20/1.22/1.			

			40/1.50/1.60/1.80/1.90/ 2.00/2.25/2.50/3.00			
ALD_D001142	50.8	76.2	3.18	2.072	1800T	6060-T5
SOMA_A000700	50.8	76.2	3.25	2.116	1250T	
BJZX-18	50.8	76.2	4.8	3.019	2000T	6063-T52
PCA_D002395	50.8	76.2	6.35	3.919	2000T	6061-T6
ZW_D020881	76.2	76.2	1.6	1.258	1250T	6082-T4
ZW_D010601	76.2	76.2	1.63	1.313	1250T	6063-T6
ZW_D062142	76.2	76.2	1.78	1.433	1250T	6005-T6
PCA_D005242	76.2	76.2	2.29	1.898	1250T	
PCA_D008546	76.2	76.2	2.36	1.884	1250T	
PCA_D000242	76.2	76.2	3.18	2.504	2000T	
SOMA_A000701	76.2	76.2	3.25	2.561	1250T	
PCA_D008679	76.2	76.2	4.76	3.593	2750T	
PCA_D003108	76.2	76.2	4.78	3.684	2000T	6061-T6
PCA_D000243	76.2	76.2	4.78	3.683	2000T	
PCA_D000969	76.2	76.2	6.1	4.614	2000T	
PCA_D002749	76.2	76.2	6.35	4.65	2000T	6061-T6
PCA_D008680	76.2	76.2	6.35	4.659	2750T	
PCA_D000244	76.2	76.2	6.35	4.788	2000T	
ZW_D010667	76.2	76.2	6.35	4.697	2750T	6063-T5
ZW_D090061	32.1	76.7	2.7	1.487	1250T	6061-T6
TF-84	20	77.2	1.20/			
AS-01-Q-7921-09	63	78	10	1.396	1250T	6060-T6
LXC-01-056	50	78	3	1.975	1800T	6061-T6
ZW_D061752	50	78	4.2	2.713	2000T	6061-T6
ZWQC-JLQC-13	64	78	3	2.183	2000T	6061-T6
LXC-01-057	70	78	4	3.022	2000T	6061-T6
TF-46	25	79.4	0.90/0.95/1.00/1.15/1.2 0/1.40			
ZW_D055119	20	80	3	1.523	1250T	6060-T66
LXC-00-245	50	80	A=6/B=4	3.411	2750T	6061-T6
TF-77	10	80	0.90/			
ZW_D031085	18	80	2	1.015	1250T	6060-T66
CHD_A000209	20	80	1.5	0.786	880T	6060-T66
SOMA_A000376	20	80	2	1.037	1250T	
ZW_D060578	20	80	2.5	1.283	1250T	6060-T66
ZW_D010832	20	80	3	1.523	1250T	6060-T66
ZW_D012320	20	80	2.5	2.632	2750T	6060-T66
ZWQC-QRUV-058	20	80	2	1.037	880T	6082-T6
SOMA_A000668	25	80	2	1.091	1250T	
ZWQC-HMQC-32	25	80	1.5	0.819	880T	6082-T6
SOMA_A000549	30	80	2	1.145	1250T	
SOMA_A000604	30	80	3	1.685	1250T	
LXC-00-710	31	80	4	2.223	2000T	6061-T6
SOMA_A000276	40	80	2	1.253	1250T	
SOMA_AOOO276	40	80	2.0	1.253		
ZW_D055190	40	80	2	1.244	1250T	6060-T66
CHD_A000122	40	80	2.5	1.553	1250T	
SOMA_A000263	40	80	3	1.847	1250T	
ZW_D055159	40	80	3	1.798	1250T	6060-T66
ZW_D055191	40	80	3	1.826	1250T	6060-T66
ZW_D011313	40	80	3	1.81	1250T	6060-T66
SOMA_A000277	40	80	4	2.419	1250T	
ZWGYC-5308	40	80	5	2.97	2000T	6061-T6
TF-238	44	80	2	1.296	1250T	6063-T5
TF-53	44	80	1.20/1.40			
SOMA_A001307	50	80	2	1.361	1250T	
ALD_D004060	50	80	3	1.988	1250T	6060-T5
SOMA_A000742	50	80	3	2.009	1250T	
LXC-00-303	50	80	4	2.633	2000T	6061-T6
SOMA_A000374	50	80	4	2.635	1250T	
ZW_D076045	50	80	5	3.24	2000T	6060-T66
8MUT-XC-DJ-002	50	80	8	4.925	3600T	6082-T6
LXC-00-269	50	80	A=5/B=8	4.373	2750T	6061-T6

LXC-00-320	50	80	3	2.007	1800T	6061-T6
LXC-00-279	55	80	4	2.741	2000T	6061-T6
LXC-00-281	55	80	A=5/B=8	4.507	2750T	6061-T6
LXC-00-279	55	80	4	2.741	2000T	6061
ZWQC-HG-441	56	80	3	2.094	1800T	6061-T6
ZW_D060751	60	80	2	1.469	1250T	6060-T66
ZW_D031036	60	80	2.5	1.822	1250T	6060-T66
SOMA_A000386	60	80	3	2.171	1250T	
SOMA_A000383	60	80	4	2.851	1250T	
TF-89	60	80	1.90/			
ZWGYC-5296	60	80	4	2.9	2000T	6061-T6
ZWQC-HG-210	64	80	3.5	2.537	2000T	6061-T6
ADC1008976G030	70	80	6	4.471	3600T	6005A-T6
MCCT001.05-01B	70	80	6	4.48	3600T	6005A-T6
ZWQC-HMQC-037	70	80	2	1.558	1250T	6005A-T6
ZW_D060388	80	80	2	1.67	1250T	6060-T66
SOMA_A000268	80	80	2	1.685	1250T	
SOMA_A001102	80	80	2	1.685	1800T	6060-T66
ZW_D010603	80	80	2	1.648	1800T	6060-T66
SOMA_AOOO354	80	80	3	2.495	1800T	6060-T6
ZWQC-HG-209	80	80	3.5	2.871	2000T	6061-T6
SOMA_AOOO359	80	80	4	3.283	1250T	
ZW_D010576	80	80	4	3.237	2750T	6060-T66
ACC1002228G030	80	80	4	3.283		6005A-T6
SOMA_AOOO356	80	80	5	4.05	1250T	
SOMA_A000485	80	80	6	4.795	2000T	6060-T66
ACC1000904G030	80	80	6	4.795	3600T	6005A-T6
SOMA_A000882	80	80	8	6.221	2000T	
TF-234	80	80	10	7.56	3600T	6063
MCCT001.01-01B	80	80	6	4.804	3600T	6005A-T6
8Q8T-XC-SJS-003	80	80	6	4.795	2750T	6005A-T6
ZWGD-0064	29	80	3	1.669	1800T	6063-T5
CV_36301284S	60	80	4	2.831	2000T	6005A-T6
ZWQC-RTQC-062	35	80	1.6	0.968	880T	6082-T6
ZWQC-QR-99A	50	80	2	1.361	1250T	6082-T6
SDLY-12	40	80	1	0.637	880T	6063-T5
ZWQC-QRNA-09	50	80	2	1.369	1250T	6082-T6
LXC-00-209	34	82	3	1.78	1250T	6061-T6
ZWQC-YQJC-04	72.74	82.4	2.5	1.989	1250T	6061-T6
ZWQC-HG-201	50	84	2.4	1.674	1250T	6061-T6
ZWQC-HG-444	50	84	2.4	1.656	1250T	6061-T6
ZW_D070839	20	85	1.3	0.719	880T	6060-T66
TF-82	20	85	0.90/			
TF-44	25	85	0.90/1.10/1.20			
ZWQC-ZTDY-04	30	85	4	2.181	2000T	6005A-T6
ZWQC-HMQC-35	33	85	3	1.799	1250T	6082
LXC-01-051	50	85	3	2.088	2000T	6061-T6
TF-222	85	85	4.0	3.499	2000T	6061-T6
TF-54	25	86	1.00/1.20/1.50/2.92			
TF-47	44	86	1.30/2.00			
TF-101	25	88	0.90/0.98/1.13			
PCA_D004692	38.1	88.9	1.4	0.936	1250T	
PCA_DOO4587	88.9	88.9	6.1	5.45	3600T	
ZW_D012741	20	90	1.1	0.64	880T	6063-T5
TF-09	25.4	90	0.90/1.00/1.10/1.20/1.30/1.40/1.80			
ZWQC-ZZX-02	30	90	3	1.847	1250T	6061-T6
TF-38	35	90	1.10/1.20			
LNJH-09	40	90	2	1.462	1800T	
ZW_D070329	40	90	3	2.009	1250T	6063-T66
TF-115	44	90	1.00/			
TF-60	44.5	90	1.4			
LXC-00-252	50	90	4	2.849	2000T	6061-T6
TF-79	50	90	1.20/1.38/1.40			
CK-16	52	90	8	4.452	2000T	

ZWQC-HG-1032	56	90	3	2.291	2000T	6061
LXC-00-260	60	90	4	3.065	2750T	6061-T6
YGXC-008	70	90	3	2.495	1800T	
SOMA_A000602	90	90	4	3.715	1250T	
8M9T-XC-SJS-001	90	90	5	4.59	3600T	6082-T6
TF-114	90	90	1.40/			
ZWGYC-5298	90	90	6	5.395	2750T	6061-T6
ZWQC-ZTDY-05	34	90.5	4	2.368	2000T	6005A-T6
ZWGYC-4149	48	92	2	1.469	1250T	1060-T1/1070-T1
ZWGYC-5458	60	93	3	2.375	2000T	6082-T6
TF-30	25	93	1.20/1.48			
TF-34	25	95	1.00/1.20/1.25/1.30/1.40			
SDLY-05A	30	95.8	1.2	0.8	880T	6063-T5
ZWBJ-DFCJ-08	80	97	4	3.588	2750T	6061-T6
LXC-K9TP-0007	30	99	3	1.986	1800T	6061-T6
SOMA_A000805	18	100	2	1.231	1250T	
SOMA_A000375	20	100	2	1.253	1250T	
ZW_D061045	20	100	3	1.847	1250T	6060-T66
D-AK7639	25	100	1.4	0.924	1250T	
ZW_D030363	25	100	2.0	1.307	1250T	6060-T66
ALD_D001138	25	100	2.5	1.62	1250T	
8MET-XC-XJ-006	25	100	3	1.928		6005A-T6
ZW_D061176	25	100	3	1.928	1250T	6060-T66
ZWQC-HG-232	25	100	3	1.907	1250T	6061-T6
TF-10S	25	100	0.90/0.97/1.00/1.10/1.20/1.40/1.50			
ZW_D055075	25	100	A=2.85/B=1.9	1.343	1250T	6060-T66
ZWGYC-2462	26	100	2.5	1.613	1250T	6063-T5
SOMA_A000540	30	100	2	1.361	1250T	
SOMA_A000538	30	100	3	2.009	1250T	
SOMA_AOOO538	30	100	3.0	2.009		
CHD_A000014	35	100	2.5	1.755	2000T	6060-T66
ZW_D051234	38	100	2	1.447	1250T	6063-T6
SOMA_A000664	40	100	2	1.469	1800T	-
CHD_A000284	40	100	2.5	1.823	1250T	6060-T66
SOMA_A000546	40	100	3	2.171	1250T	
SOMA_A000106	40	100	4	2.851	1250T	
ZW_D010849	40	100	4	2.814	2000T	6060-T66
D-AK7640	44	100	1.4	1.067	1250T	
TF-31	44	100	1.20/			
TF-12S	44	100	1.20/1.40/1.50/1.55/1.60/1.80/2.00/2.50/2.80/3.00			
ZW_D080247	50	100	1.4	1.112	1250T	6063-T6
ALD_D000408	50	100	1.6	1.263	1800T	6063-T5
YK-F006	50	100	2	1.577	1800T	6061-T6
ZW_D030292	50	100	2	1.577	1250T	6060-T66
ZW_D031091	50	100	2.5	1.958	1250T	6060-T66
ALD_D002433	50	100	3	2.27	1800T	6060-T5
ALD_D004010	50	100	3	2.312	1250T	6060-T5
LXC-00-706	50	100	3	2.331	2000T	6061-T6
SOMA_A000278	50	100	3	2.333	1250T	
SOMA_A000377	50	100	4	3.067	1800T	6060-T6
SOMA_A000816	50	100	5	3.78	1250T	
ALD_D001139	50	100	6	4.332	2000T	6061-T6
D-AK1603	55	100	1.6	1.312	1800T	6063
TF-63	60	100	1.8	1.52	2000T	
SOMA_A000669	60	100	2	1.685	1250T	
SOMA_A000387	60	100	3	2.495	1250T	
ZWQC-HG-413	60	100	3	2.476	2000T	6061-T6
SOMA_AOOO385	60	100	4.0	3.283	1250T	
TP-3793	70	100	8.3	6.875	3600T	6063-T6
ZW_D031560	72.6	100	6	5.176	2750T	6082-T651

8MUT-XC-DJ-009	74	100	5	4.428	3600T	6005A-T6
ZW_D030467	80	100	2	1.901	1800T	6060-T66
SOMA_A000665	80	100	3	2.819	1250T	
ZW_D011115	80	100	5	4.59	3600T	6060-T66
DC00001816G00	85	100	5	4.725	3600T	
SDJN-32	100	100	1.5	1.596	2000T	
SOMA_A000642	100	100	2	2.117	2000T	
HJZ-076	90	100	2.5	2.5	2000T	6063-T6
TF-213	100	100	3	3.094	2000T	6082-T6
XSS-740	100	100	3	3.08	2750T	6082-T6
SOMA_A000548	100	100	3	3.143	2000T	6060-T6
ZW_D090072	100	100	3	3.122	2750T	6060-T6
ZW_D030327	100	100	4	4.147	3150T	6060-T66
ZW_D030361	100	100	4	4.147	3150T	6060-T66
ZW_D070330	100	100	4	4.147	3150T	6063-T66
ZW_D011340	100	100	4	4.036	2750T	6060-T66
SOMA_A000449	100	100	5.0	5.13	2000T	6060-T66
ZWDX-160	100	100	6	6.094	3150T	6061-T6
8MET-XC-SJS-002	100	100	6	6.091		
ZW_D030728	100	100	8	7.949	3600T	6060-T66
SOMA_A000827	100	100	10	9.72	3600T	6060-T66
ZWGYC-3729	100	100	12.5	11.813	3600T	6082-T6
TF-20	100	100	1.40/1.50/2.00			
ZWBJ-SQ-002	100	100	4	7.504	3600T	6082-T5
RSC90101JN0	50	100	6	4.471	3600T	6061-T6
ZW_D031918	50.8	101.6	1.2	0.974	1250T	6063-T5
PCA_D004776	25.4	101.6	1.4	0.929	1250T	
PCA_D001531	25.4	101.6	3.18	2.066		
ZW_D055168	25.4	101.6	3.25	2.115	2000T	6063-T6
PCA_D010912	44.45	101.60	3.18	2.395	2000T	5050 H112
ZW_D010655	44.45	101.6	3.18	2.395	2000T	6063-T5
TF-12	44.5	101.6	1.20/1.40/1.50/1.80/2.00/3.00			
TF-135	44.5	101.6	3.00/			
PCA_D000435	50.8	101.6	3.18	2.502	2000T	
SOMA_A000702	50.8	101.6	3.25	2.561	1250T	
PCA_D005171	50.8	101.6	6.35	4.81	2000T	
PCA_D000824	50.8	101.6	6.35	4.756	2000T	
PCA_D001654	50.8	101.6	6.35	4.788	2000T	
ZW_D012332	76.2	101.6	3.25	3.006	2000T	6063-T6
TF-80	80	101.6	1.50/			
ZW_D020883	101.6	101.6	1.8	1.906	1800T	6082-T4
PCA_D000432	101.6	101.6	3.18	3.372	2000T	
PCA_D008591	101.6	101.6	3.18	3.375	3150T	
PCA_D000694	101.6	101.6	4.78	4.993	3150T	
PCA_D001653	101.6	101.6	4.78	4.991	2000T	
PCA_D000433	101.6	101.6	6.1	6.286	2000T	
PCA_D001021	101.60	101.60	6.35	6.437	3600T	
PCA_D006525	101.6	101.6	6.35	6.528	3150T	
PCA_D001652	101.6	101.6	6.35	6.53	3600T	
ZW_D013328	44.45	101.6	3.18	2.336	2000T	6061-T6
ZW_D020875	76.2	101.9	1.98	1.861	1800T	6063-T6
ZW_D020871	101.9	101.9	2.5	2.652	2750T	6063-T6
ZWQC-CAOS-132	36	104	1.8	1.321	1250T	6082-T6
JTJ-22	30	106	1.5	1.077	1800T	
ZWQC-BYD-22	11	107	2.5	1.525	1250T	6061-T6
YDY-27	20	110	2.5	1.656	1250T	7003-T5
SMYK-16	35	110	2	1.539	2000T	
TF-62	50	110	1.4			
SOMA_A000594	60	110	4	3.499	1250T	
8MUT-XC-DJ-001	65	110	12	9.785	7500T 440*260	6082-T6
SMYK-22	100	110	2	2.249	2000T	
TF-212	110	110	3	3.376	2750T	6082-T6
XSS-739	110	110	3	3.363	2750T	6082-T6
RFT-308	60	110	2	2.088	2000T	6005A-T6

ZWQC-QDQC-02	76	111	2.2	2.099	2750T	6063-T6
ZWQC-JLJT-09	33	114.95	3	2.244	2000T	6063-T6
DC00000851G00	70	115	5	4.725	3600T	
ZWQC-HG-215	86	115	3	3.159	2750T	6061-T6
ZWQC-HG-403	86	115	3	3.14	2750T	6061-T6
ZWGYC-5160	90	115	2	2.17	2750T	6005A-T6
JTV-045	38.5	118	2	1.653	2000T	R
TF-241	30	120	2.5	1.958	1800T	6063-T5
ZW_D030722	30	120	3	2.333	1800T	6060 T66
ZWJ-FX-F044	100	120	2	2.333	2750T	6063-T5
ZWQC-HMQC-34	16	120	3	2.097	1800T	6082-T6
ZW_D030930	18	120	2	1.447	1250T	6060-T66
SOMA_AOOO362	20	120	2	1.469	2000T	6060-T6
CHD_A000755	25	120	2	1.523	1250T	6060-T66
TP-2301	25.5	120	1.2	0.927	1250T	6063-T5
SOMA_A000807	30	120	2	1.577	2000T	6060-T66
SOMA_A001120	30.00	120.00	3.00	2.333	2000T	6060-T66
TF-61	30	120	1.38/1.40/2.50			
SOMA_A000892	40	120	2	1.685	1800T	6060-T6
SOMA_A00892	40	120	2	1.685		
ZW_D020655	40	120	2.5	2.093	2000T	6060-T66
ZW_D070973	40	120	3	2.495	1800T	6060-T66
SOMA_AOOO378	40	120	4.0	3.283	2000T	
CCNZ-18	49	120	3	2.641	2750T	6063-T5
TF-92A	50	120	2	1.795	2000T	6063-T5
ZW_D061031	50	120	2	1.793	1250T	6060-T66
SOMA_A000379	50	120	4	3.499	2000T	6060-T6
TF-92	50	120	1.50/3.00			
TF-32	53	120	3.00/			
ZW_D030671	60	120	2.0	1.901	2000T	6060-T66
SOMA_A000542	60	120	3	2.819	2000T	6060-T6
SOMA_A000380	60	120	4	3.715	2000T	6061-T6
ZW_D079017	60	120	5	4.59	3150T	6063-T5
ZW_D010160	60	120	6	5.443	3600T	6060-T66
TF-70	60	120	1.50/			
CCNZ-19	63.5	120	3	2.876	2750T	6063-T5
TF-171	65	120	2.6	2.524		
YDKM-TF-01	70	120	2.5	2.498	2000T	
TF-158	75	120	2	2.063		
SOMA_AOOO421	80	120	3.0	3.143	2000T	
SOMA_A000815	80	120	4	4.147	2000T	6060-T66
RFT-64	80	120	6	6.091	3600T	6082-T6
SOMA_A001721	80	120	6	6.091	3600T	6060-T66
SOMA_A001759	80	120	6	6.036	3600T	6063-T5
SOMA_A000663	120	120	2.5	3.173	3600T	-
CHD_A000285	120	120	4.0	5.011	3600T	6060-T66
SOMA_A000532	120	120	5	6.21	3600T	6060-T6
TF-205	120	120	7	8.54	3600T	6082-T6
TF-120	120	120	2.15/			
TF-242	50	120	1.8	1.617	1800T	6063
BJZW-BSJD-007	121	121	10	11.988	7500T 440*260	6061-T6
TCF00000098300	28	122	3	2.333		
D-AK7641	50	125	2	1.892	2000T	
ZW_D012792	50	125	3	2.738	2000T	6082/6061
ZW_D012791	50	125	5	4.455	2750T	6082/6061
ZWBJ-DFCJ-06	90	125	4	4.409	2750T	6061-T6
TF-131	50	126.5	3.00/			
ZW_D061513	25.4	127	2	1.603	1800T	6063-T5
ZW_D012334	44.45	127	3.25	2.895	2000T	6063-T6
PCA_D000825	50.8	127	6.35	5.627	2000T	
PCA_D004532	51.21	127	1.93	1.817		
PCA_D000564	76.2	127	12.7	12.188	3600T	
PCA_D003076	76.2	127	12.7	12.194	3600T	6061-T6
ZWQC-HG-108	22	130	3	2.365	2000T	6005A-T6

ZW_D030740	30	130	3	2.495	2000T	6060 T66
ZW_D030468	50	130	4	3.715	2750T	6060-T66
ZWGYC-5214	75	130	3	3.224	3600T	6005-T5
AZC1004076G030	100	130	10	11.34		6005A-T6
8MUT-XC-SJS-001	100	130	6	7.063	7500T	6005A-T6
LYL-127	134	134	6	8.232	3600T	
LXC-00-131	50	135	4	3.821	2750T	6061-T6
ZWGYC-1131D	50	135	4	3.823	2750T	6061-T6
LXC-00-190	50	135	4	3.821	2750T	6061-T6
TF-91	50	135	1.50/			
LXC-00-232	50	135	A=4/B=6	5.193	2750T	6061-T6
KD1-5401331	60	135	4	4.039	2750T	
ZW_D011837	135	135	3	4.277	3150T	6060-T66
BJZW-BSJD-015	87	137	4	4.666	2750T	6061-T6
ZWBJ-DFCJ-05	100	137	4	4.884	2750T	6061-T6
ZW_D062140	38.1	139.7	1.52	1.433	2000T	6005-T6
SOMA_A000381	18	140	2	1.663	1250T	
ZW_D030562	20	140	3	2.495	2000T	6060-T66
ZWGYC-3015	26	140	2.1	1.835	2000T	6063-T5
ZWQC-ZZX-01	30	140	3	2.657	2000T	6061-T6
SOMA_A000605	40	140	4	3.715	2000T	6060-T66
TF-107	45	140	3	2.909	2750T	
FYDS-19	60	140	2	2.117	2750T	6063-T6
TF-166	60	140	2.5	2.633	2000T	
ZW_D020534	60	140	4	4.147	3150T	6060-T66
SZJSG-13	80	140	3.0	3.467	3150T	
SOMA_A000547	80	140	4	4.579	3600T	6060-T6
ZW_D061113	80	140	6	6.739	3600T	6060-T66
ZWYZC-02	80	140	8	8.813	3600T	6082-T6
ZWQC-HBDD-03	80	140	A=7/B=10	10.118	3600T	6082-T6
ZWGYC-5022	80	140	10	10.726	3600T	6082-T6
ZW_D020808	140	140	5	7.29	3600T	6063-T66
ZW_D020807	140	140	8	11.405	7500T	6063-T66
ZW_D020806	140	140	10	14.04	7500T	6082-T6
ZWGYC-5407	140	140	12	16.589	7500T 440*260	6082-T6
ZW_D011996	145	145	3	4.601	3150T	6060-T66
8Q6T-XC-DJ-006	110	149	5	6.7	3600T	6005A-T6
ZW_D030757	18	150	2	1.771	1800T	6060-T66
TF-106	25	150	2.00/			
YDKM-DGH-22	30	150	1.8	1.715	2000T	6005-T5
SOMA_A000486	30	150	2	1.901	1250T	
ZW_D030364	30	150	2.5	2.363	2750T	6060-T66
CHD_A000018	35	150	2.5	2.43	2750T	
SOMA_A000279	40	150	4.0	3.931	2000T	
ZW_D011396	50	150	2	2.117	2750T	6060-T66
ALD_D000576	50	150	3	3.143	3150T	
ALD_D001140	50	150	3	3.143	3150T	
ALD_D003414	50	150	3	3.143	3150T	
ALD_D000407	50	150	3	3.123	3150T	
SOMA_A000382	50	150	4.0	4.147	3150T	6061-T6
TF-22	50	150	2.00/3.00			
ZW_D030365	60	150	3	3.305	3150T	6060-T66
ZW_D020519	60	150	4	4.363	3150T	6060-T66
ZW_D030469	60	150	5	5.4	3150T	6060-T66
TF-87	60	150	2.00/			
TF-134	72	150	3.00/			
ZWGYC-5321	75	150	3	3.548	2750T	6005-T5
ZW_D055016	80	150	4	4.795	2750T	6060-T66
AZC1004206G030	80	150	8	9.245		6005A-T6
LH-06	100	150	2.5	3.308	3600T	
SOMA_A000929	100	150	3	3.953	3600T	6060-T6
ZW_D031612	100	150	5	6.478	3600T	6082-T6
8MET-XC-SJS-001	100	150	6	7.711		
ZW_D031108	120	150	5	7.02	3600T	6060-T66

TP-3852	145	150	2.5	3.915	3600T	6063-T5
ZWXC-123	150	150	2.5	3.982	3600T	-
ZZBKM-020	150	150	3	4.763	3600T	6063-T5
ZW_D070911	150	150	4	6.307	3600T	6060-T66
ZW_D030328	150	150	5	7.83	3600T	6060-T66
ZW_D030368	150	150	5	7.83	3600T	6060-T66
LYL-126	150	150	6	9.269	3600T	6063-T6
ZWGYC-1884	150	150	12.0	17.885	7500T 600*420	6061-T6
ZWGYC-5578	100	150	7	8.872	3600T	6082-T6
RSA90103DD1	100	150	8	10.109	5500 600*420	A6061-T6
HZCG-30	59.5	150.5	3	3.305	3150T	6063-T5
ZWQC-YQ-29	60	151	6	6.457	3600T	6082-T6
ZWQC-DFD-001	109	152	1.3	1.794	1800T	6063
ALD_D002629	76	152	6	6.924	3150T	
PCA_D001534	50.8	152.4	3.18	3.372	2000T	
SOMA_A000704	50.8	152.4	3.25	3.453	3600T	6082-T6
PCA_D000826	50.8	152.4	6.35	6.498	3600T	
PCA_D001535	76.2	152.4	4.78	5.647	3600T	
ALD_D000577	76.2	152.4	6.4	7.384	3600T	6063-T595
ZW_D055167	76.2	152.4	9.53	10.783	3600T	6082-T6
PCA_D002267	101.6	152.4	6.35	8.271	3600T	
PCA_D002915	101.6	152.4	12.7	15.671	3600T	
PCA_D002667	152.4	152.4	3.18	5.117	3600T	6063-T52
PCA_D002667	152.4	152.4	3.18	5.113	3600T	
PCA_D005777	152.4	152.4	12.7	19.161	3600T	6061-T6
ZWGYC-2461	26	155	2.5	2.355	2000T	6063-T5
YDKM-BMR-118	42.5	157	3	3.135	2750T	6063-T6
ZJ-XN-62	151.25	159	3	4.929	3600T	6063-T6
SOMA_A000930	40	160	2	2.117	1800T	6060-T6
SOMA_A001210	60	160	4	4.579	3150T	
ZW_D030742	60	160	5	5.670	3600T	6060 T66
ZW_D030471	60	160	6	6.739	3600T	6060-T66
SOMA_AOOO367	80	160	4	5.011	3600T	6060-T6
MBS-037	100	160	2.5	3.442	3600T	6063-T5
ZWGYC-5309	120	160	10	13.845	7500T 440*260	6061-T6
TF-203	160	160	9	14.677	7500T 440*318	6082-T6
ZWGYC-5405	160	160	16	24.883	7500T 440*260	6082-T6
ZWGYC-5406	160	160	12	19.181	7500T 440*260	6082-T6
ZWQC-QR-122B	60	170	2.2	2.692	2750T	6005A-T6
ZW_D030741	70	170	4	5.011	3600T	6060 T66
BJZW-BSJD-006	121	171	10	14.688	7500T 440*260	6061-T6
ZWYZC-13	38	175	5	5.506	3600T	6061-T6
ZW_D030565	18	180	2	2.095	2750T	6060-T66
BJSX-55	30	180	4	4.363	3150T	
SOMA_A000757	40	180	4	4.579	3600T	6060-T66
ZW_D031026	50	180	3	3.629	3600T	6060-T66
SOMA_A000363	50	180	4	4.795	3600T	
SOMA_AOOO363	50	180	4	4.795	2000T	6060-T6
8MQT-XC-DP-011	50	180	5	5.94		6005A-T6
ZW_D030735	60	180	3	3.791	3600T	6060-T66
CHD_A000470	60	180	4	5.011	3600T	6060-T66
ZW_D070336	80	180	4	5.443	3600T	6060-T66
RFT-GJ41	170	180	8	13.984	7500T 600*420	6082-T6
ZWGYC-5311	152	192	6	10.562	5500T 600*420	6061-T6
LC13-559	140	195	3.5	6.199	5500T 600*420	6005A-T6
SOMA_A000670	18	200	2	2.311	2000T	
CHD_A000735	20	200	2	2.333	2750T	6060-T66
JKGS02	30	200	2.5	3.038	2750T	
ZW_D076026	40	200	3	3.791	3150T	6060 T66
ZW_D031027	50	200	2.5	3.308	3600T	6060-T66
ALD_D001184	50	200	3	3.953	3150T	
ALD_D003415	50	200	3	3.953	3600T	6060-T5
ZW_D031028	50	200	3.5	4.593	3600T	6060-T66
SOMA_A000402	50	200	4.0	5.227	3600T	

ZW_D030329	60	200	4	5.443	3600T	6060-T66
ZW_D055009	65	200	3	4.196	3600T	6060-T66
ZW_D031287	65	200	6	8.197	3600T	6060-T66
ZW_D020520	80	200	4	5.875	3600T	6060-T66
HJZ-077	90	200	3	4.603	3600T	6063-T6
TF-152	100	200	3	4.763	3600T	
SOMA_A000107	100	200	4	6.307	3600T	6060-T66
ZW_D030472	100	200	5	7.83	3600T	6060-T66
ZW_D062470	100	200	5	7.774	3600T	6082-T6
HFMT-39A	165	200	3.7	7.015	3600T 440*260	-
ZWGYC-4179	200	200	4.5	9.81	5500T 600*420	6063-T4
ZWGYC-1885	200	200	15.0	29.969	7500T 600*420	6061-T6
SFE01-002XC	200	200	8\11	20.086	12500T	A7N01S-T5
FOC-149	200	200	3.5	7.455	5500T 600*420	6063-T5
PCA_D000827	50.8	203.2	6.35	8.239	3600T	
PCA_D002916	101.6	203.2	9.53	14.69	3600T	
PCA_D002919	152.4	203.2	9.53	17.302	3600T	
PCA_D002266	203.2	203.2	9.53	19.923	3600T	6061-T6511
BJZW-BSJD-005	121	221	10	17.388	7500T 600*420	6061-T6
ZWGYC-5312	184	224	6	12.636	7500T 600*420	6061-T6
CAA_D008944	228	228	40	81.158	7500T	
BJZW-BSJD-016	83	233	4	6.653	3600T	6061-T6
ZW_D070337	100	240	4	7.171	3600T 440*318	6060-T66
ZW_D060612	100	240	5	8.91	3600T	6060-T66
FOC-148	150	250	3.5	7.455	5500T 600*420	6063-T5
ALD_D004011	50	250	3	4.763	3600T	6060-T6
SOMA_A000712	50	250	4	6.307	3600T	6005-T6
ACB1001627G030	84	250	5	8.574	5500T 600*420	6082-T6
YDKM-SM-21	100	250	3.5	6.483	3600T 585X318	
BJZW-BSJD-001	100	250	8	14.429	5500T 600*420	6061-T6
ALD_D003626	150	250	12	24.068	5500T 600*360	
ALD_D003625	250	250	12	30.548	7500T 600*420	6082-T6
SOMA_A001405	249	253.5	15.5	52.931	7500T	
BJZW-BSJD-017	83	263	4	7.301	5500T 600*420	6061-T6
BJZW-BSJD-004	121	271	10	20.088	7500T 600*420	6061-T6
BJZW-BSJD-002	100	280	8	15.725	5500T 600*420	6061-T6
CAA_D008949	136	296	35	68.27	7500T	
TF-155	50	300	2	3.784	3600T	
ZW_D090075	50	300	3.5	6.483	3600T	6060-T6
TF-232	60	300	3	5.735	3600T 440*318	6063-T6
TF-156	100	300	3	6.383	5500T	
TF-236	100	300	3.6	7.636	7500T	6063-T6
YDKM-BN-01	100	300	4	8.467	5500 600*420	6063-T5
ZW_D010157	120	300	5	11.056	7500T 600*420	6060-T66
TF-220	150	300	3.5	8.373	7500T	6063-T5
ZWDX-126	160	300	15	34.832	12500T	6061-T6
TF-157	200	300	4.5	11.931	7500T	
TP-3409	300	300	5	15.93	9000T 780*520	6063-T5
ZW_D055147	40	350	4	8.249	7500T 600*420	6060-T6
ZW_D020480	350	350	32	109.901	12500T	6082-T5
ZW_D020267	78	442	A=8/B=6	17.172	7500T 780*420	6082-T6
ZW_D013373	460	460	30	139.32	22500T 1243*757	6060-T6