
AlTi3

PARAMETERS

A= 5.7750 B= 5.7750 C= 4.6380
 AF= 90.000 BT= 90.000 GM=120.000
 NUVW= 8 NSY= 4 NL= 6
 SY: 1-CUBIC; 2-TETRA; 3-ORTH; 4-HEX; 5-MONO; 6-TRIC
 LT: 1-F; 2-I; 3-C; 4-B; 5-A; 6-P; 7-R;

K	U	V	W	H1	K1	L1	H2	K2	L2	R2/R1	R3/R1	FAI	D1	D2
1	0	0	1	0	-1	0	1	0	0	1.000	1.000	120.00	5.001	5.001
2	1	2	1	-1	0	1	1	-1	1	1.000	1.178	72.15	3.401	3.401
3	4	5	7	2	-3	1	3	-1	-1	1.000	1.195	73.36	1.751	1.751
4	-2	8	7	3	-1	2	1	2	-2	1.000	1.343	95.67	1.465	1.465
5	-5	6	2	0	1	-3	-2	-1	-2	1.008	1.071	64.49	1.477	1.465
6	-3	8	1	-1	0	-3	-2	-1	2	1.008	1.111	112.79	1.477	1.465
7	-5	7	8	3	1	1	-2	2	-3	1.011	1.116	112.55	1.329	1.315
8	-5	8	6	-2	-2	1	2	-1	3	1.011	1.396	87.90	1.379	1.363
9	-4	7	6	2	2	-1	-1	2	-3	1.011	1.018	60.83	1.379	1.363
10	-5	8	7	1	-2	3	3	1	1	1.026	1.325	81.72	1.363	1.329
11	5	8	1	2	-1	-2	-3	2	-1	1.033	1.224	105.97	1.808	1.751
12	4	7	5	-1	2	-2	-3	1	1	1.033	1.361	96.00	1.808	1.751
13	6	7	4	-1	2	-2	-3	2	1	1.033	1.375	85.10	1.808	1.751
14	4	6	5	-3	2	0	-1	-1	2	1.045	1.290	78.17	1.890	1.808
15	4	5	2	2	-2	1	1	0	-2	1.046	1.257	104.21	2.201	2.104
16	-1	8	3	-3	0	-1	1	-1	3	1.062	1.071	117.52	1.569	1.477
17	-3	7	8	-3	1	-2	-2	-2	1	1.063	1.224	72.74	1.465	1.379
18	-2	7	6	3	0	1	1	2	-2	1.071	1.193	70.26	1.569	1.465
19	-5	7	4	-1	1	-3	-2	-2	1	1.071	1.241	106.50	1.477	1.379
20	-6	7	2	-1	0	-3	-2	-2	1	1.071	1.436	92.28	1.477	1.379
21	-4	7	5	-1	-2	2	2	-1	3	1.075	1.103	64.07	1.465	1.363
22	-5	8	1	-2	-1	-2	-1	-1	3	1.075	1.315	101.40	1.465	1.363
23	1	1	0	-1	1	0	0	0	1	1.078	1.471	90.00	5.001	4.638
24	2	3	7	-3	2	0	-2	-1	1	1.080	1.080	62.42	1.890	1.751
25	2	3	8	-3	2	0	-1	-2	1	1.080	1.371	82.40	1.890	1.751
26	4	6	1	1	-1	2	3	-2	0	1.113	1.164	66.58	2.104	1.890
27	4	6	3	0	-1	2	3	-2	0	1.113	1.436	85.44	2.104	1.890
28	3	4	2	-2	1	1	2	-2	1	1.114	1.165	113.35	2.451	2.201
29	2	3	4	1	-2	1	2	0	-1	1.114	1.297	104.53	2.451	2.201
30	-6	7	4	-1	-2	2	2	0	3	1.114	1.315	76.74	1.465	1.315
31	-7	8	2	-2	-2	1	2	1	3	1.152	1.220	111.32	1.379	1.197
32	5	7	6	-1	-1	2	3	-3	1	1.153	1.312	74.71	1.808	1.569
33	7	8	3	-2	1	2	3	-3	1	1.153	1.327	104.28	1.808	1.569
34	2	3	6	0	-2	1	3	-2	0	1.164	1.403	80.42	2.201	1.890
35	3	5	1	2	-1	-1	-1	1	-2	1.165	1.400	80.20	2.451	2.104
36	1	2	2	0	-1	1	2	-1	0	1.178	1.545	90.00	3.401	2.888
37	1	2	3	2	-1	0	1	1	-1	1.178	1.178	64.88	2.888	2.451
38	-3	7	1	-2	-1	1	1	0	3	1.185	1.471	84.14	1.751	1.477
39	-2	7	3	2	1	-1	-1	1	-3	1.185	1.293	72.01	1.751	1.477
40	-4	5	3	-2	-1	-1	1	-1	3	1.185	1.195	114.35	1.751	1.477
41	5	6	8	-2	3	-1	-2	-1	2	1.195	1.270	109.94	1.751	1.465
42	7	8	5	3	-2	-1	-2	3	-2	1.195	1.284	109.00	1.751	1.465
43	5	7	8	-3	1	1	1	-3	2	1.195	1.450	82.19	1.751	1.465
44	5	8	7	3	-1	-1	-2	3	-2	1.195	1.463	96.92	1.751	1.465
45	5	6	3	0	-1	2	3	-2	-1	1.202	1.341	105.59	2.104	1.751
46	4	7	2	-1	0	2	3	-2	1	1.202	1.526	87.25	2.104	1.751
47	5	7	1	1	-1	2	3	-2	-1	1.202	1.544	88.53	2.104	1.751
48	3	5	4	-2	2	-1	-1	-1	2	1.217	1.257	111.72	2.201	1.808
49	5	6	2	-2	2	-1	-2	1	2	1.217	1.490	83.84	2.201	1.808

50	-7	8	3	2	1	2	1	2	-3	1.224	1.555	91.92	1.465	1.197
51	-6	8	5	-1	-2	2	3	1	2	1.231	1.362	105.57	1.465	1.190
52	-4	6	1	-1	-1	2	2	1	2	1.234	1.576	89.08	1.808	1.465
53	6	8	5	-1	2	-2	-3	1	2	1.234	1.303	109.50	1.808	1.465
54	3	4	6	-2	0	1	2	-3	1	1.257	1.587	88.56	2.201	1.751
55	-3	6	1	-2	-1	0	1	0	3	1.280	1.387	106.20	1.890	1.477
56	-3	6	2	-2	-1	0	0	-1	3	1.280	1.438	77.10	1.890	1.477
57	-4	7	1	-2	-1	-1	-1	-1	3	1.284	1.550	84.46	1.751	1.363
58	4	6	7	-3	2	0	1	-3	2	1.290	1.290	112.80	1.890	1.465
59	-4	5	6	-1	-2	1	3	0	2	1.293	1.331	110.37	1.751	1.354
60	2	3	5	-1	-1	1	3	-2	0	1.297	1.400	106.13	2.451	1.890
61	6	8	7	-1	-1	2	4	-3	0	1.303	1.519	98.65	1.808	1.387
62	1	2	4	-2	1	0	0	-2	1	1.312	1.650	90.00	2.888	2.201
63	-7	8	5	-1	1	-3	-3	-2	-1	1.326	1.436	74.79	1.477	1.114
64	-3	8	2	2	1	-1	-2	0	-3	1.331	1.550	98.00	1.751	1.315
65	-1	8	6	-2	-1	1	2	-2	3	1.331	1.471	76.76	1.751	1.315
66	-5	6	4	-2	-1	-1	0	-2	3	1.331	1.627	87.30	1.751	1.315
67	-2	8	3	-1	-1	2	3	0	2	1.336	1.657	89.15	1.808	1.354
68	6	7	3	-1	0	2	3	-3	1	1.341	1.583	83.75	2.104	1.569
69	4	5	3	-2	1	1	1	-2	2	1.356	1.562	81.59	2.451	1.808
70	-4	5	7	-1	2	-2	-3	-1	-1	1.361	1.623	85.45	1.808	1.329
71	-3	7	2	-1	-1	2	3	1	1	1.361	1.375	110.67	1.808	1.329
72	-1	8	5	2	-1	2	3	1	-1	1.361	1.511	77.94	1.808	1.329
73	2	4	1	2	-1	0	-1	1	-2	1.372	1.372	111.36	2.888	2.104
74	-3	6	4	-2	-1	0	2	-1	3	1.387	1.438	108.00	1.890	1.363
75	-3	6	5	2	1	0	-1	2	-3	1.387	1.580	81.11	1.890	1.363
76	2	3	1	1	-1	1	2	-1	-1	1.387	1.616	83.55	3.401	2.451
77	3	4	5	1	-2	1	3	-1	-1	1.400	1.673	86.68	2.451	1.751
78	3	5	6	2	0	-1	-3	3	-1	1.403	1.502	104.69	2.201	1.569
79	6	8	1	1	-1	2	3	-2	-2	1.436	1.517	105.37	2.104	1.465
80	-5	6	7	-1	-2	1	3	-1	3	1.463	1.771	90.06	1.751	1.197
81	-5	7	3	2	1	1	1	2	-3	1.463	1.550	75.39	1.751	1.197
82	1	1	1	-1	1	0	0	-1	1	1.471	1.471	109.88	5.001	3.401
83	6	7	2	2	-2	1	1	0	-3	1.490	1.502	108.87	2.201	1.477
84	-2	7	8	-1	2	-2	-4	0	-1	1.498	1.623	78.29	1.808	1.207
85	5	7	4	2	-2	1	3	-1	-2	1.502	1.615	77.53	2.201	1.465
86	-5	7	1	-1	-1	2	2	1	3	1.511	1.623	77.63	1.808	1.197
87	6	8	3	-1	0	2	4	-3	0	1.517	1.554	106.96	2.104	1.387
88	-4	6	7	-2	1	-2	-1	-3	2	1.519	1.576	105.73	1.808	1.190
89	-4	5	2	-1	0	-2	-2	-2	1	1.526	1.758	85.52	2.104	1.379
90	5	8	4	0	-1	2	4	-2	-1	1.526	1.583	105.64	2.104	1.379
91	2	3	2	-1	0	1	2	-2	1	1.545	1.799	87.21	3.401	2.201
92	-5	8	2	-2	-1	-1	0	-1	4	1.550	1.659	102.10	1.751	1.130
93	-3	6	7	-2	-1	0	3	-2	3	1.580	1.580	108.45	1.890	1.197
94	-3	6	8	2	1	0	-2	3	-3	1.580	1.791	84.81	1.890	1.197
95	-2	7	1	-1	0	-2	-3	-1	1	1.583	1.758	82.46	2.104	1.329
96	7	8	4	0	-1	2	4	-3	-1	1.583	1.743	98.52	2.104	1.329
97	3	4	8	0	-2	1	4	-3	0	1.587	1.656	75.87	2.201	1.387
98	2	4	3	-2	1	0	-1	-1	2	1.597	1.597	71.75	2.888	1.808
99	1	2	0	0	0	-1	-2	1	0	1.606	1.892	90.00	4.638	2.888
100	7	8	2	-2	2	-1	-2	1	3	1.615	1.849	93.36	2.201	1.363
101	-3	8	7	2	-1	2	3	2	-1	1.623	1.751	79.92	1.808	1.114
102	-5	6	8	-2	1	-2	-2	-3	1	1.623	1.860	86.89	1.808	1.114
103	4	7	6	-2	2	-1	-3	0	2	1.626	1.839	85.39	2.201	1.354
104	-6	7	5	-2	-1	-1	1	-2	4	1.627	1.695	103.73	1.751	1.076
105	1	2	5	2	-1	0	1	2	-1	1.650	1.650	72.36	2.888	1.751
106	4	5	8	-2	0	1	3	-4	1	1.656	1.849	95.62	2.201	1.329
107	4	7	1	2	-1	-1	-1	1	-3	1.660	1.673	73.27	2.451	1.477
108	5	6	4	-2	1	1	2	-3	2	1.673	1.864	95.56	2.451	1.465
109	-4	8	1	-2	-1	0	1	0	4	1.674	1.757	102.32	1.890	1.130
110	-4	8	3	-2	-1	0	1	-1	4	1.674	1.913	92.45	1.890	1.130

111	-1	8	4	0	1	-2	-4	0	-1	1.743	1.980	88.11	2.104	1.207
112	-4	8	5	-2	-1	0	1	-2	4	1.757	1.913	82.99	1.890	1.076
113	-6	8	1	-1	-1	2	3	2	2	1.758	1.829	102.23	1.808	1.028
114	3	4	7	-1	-1	1	4	-3	0	1.767	1.845	101.77	2.451	1.387
115	-4	6	3	0	1	-2	-3	-1	-2	1.767	1.834	77.56	2.104	1.190
116	-2	8	1	-1	0	-2	-3	-1	2	1.767	1.928	96.62	2.104	1.190
117	4	5	6	1	-2	1	4	-2	-1	1.778	1.811	75.63	2.451	1.379
118	5	7	3	-2	1	1	1	-2	3	1.799	1.811	74.60	2.451	1.363
119	2	3	3	0	-1	1	3	-2	0	1.799	1.943	82.62	3.401	1.890
120	-4	6	5	1	-1	2	3	2	0	1.834	2.046	87.23	2.104	1.147
121	5	8	6	-2	2	-1	-2	-1	3	1.839	1.849	105.19	2.201	1.197
122	-1	8	2	-2	0	-1	-2	-1	3	1.839	1.949	80.84	2.201	1.197
123	-2	7	4	-2	0	-1	-1	-2	3	1.839	2.046	86.91	2.201	1.197
124	1	2	6	-2	1	0	0	-3	1	1.841	2.095	90.00	2.888	1.569
125	3	5	7	-1	2	-1	-4	1	1	1.845	2.059	87.48	2.451	1.329
126	4	7	8	2	0	-1	-3	4	-2	1.849	2.072	88.05	2.201	1.190
127	5	8	2	-2	1	1	2	-2	3	1.864	2.059	86.39	2.451	1.315
128	3	4	1	1	-1	1	2	-1	-2	1.881	1.943	101.71	3.401	1.808
129	-3	7	5	-1	1	-2	-3	-2	1	1.889	1.980	99.85	2.104	1.114
130	-5	6	3	0	-1	2	3	2	1	1.889	2.038	96.32	2.104	1.114
131	-4	7	2	-1	0	-2	-3	-2	1	1.889	1.994	80.98	2.104	1.114
132	-2	8	5	1	-1	2	4	1	0	1.928	2.046	82.09	2.104	1.091
133	3	6	1	2	-1	0	-1	1	-3	1.955	1.955	104.82	2.888	1.477
134	3	6	2	-2	1	0	0	-1	3	1.955	2.196	90.00	2.888	1.477
135	2	4	5	2	-1	0	1	2	-2	1.971	1.971	75.30	2.888	1.465
136	-3	8	4	0	-1	2	4	1	1	1.980	2.164	93.45	2.104	1.062
137	3	5	8	-1	-1	1	4	-4	1	2.030	2.136	82.09	2.451	1.207
138	1	1	2	-1	1	0	-1	-1	1	2.040	2.272	90.00	5.001	2.451
139	-4	5	1	-1	-1	1	2	1	3	2.048	2.170	96.81	2.451	1.197
140	6	7	5	-2	1	1	1	-3	3	2.048	2.059	76.51	2.451	1.197
141	5	6	7	1	-2	1	4	-1	-2	2.059	2.201	95.53	2.451	1.190
142	-3	7	6	2	0	1	1	3	-3	2.132	2.227	82.11	2.201	1.032
143	-4	5	8	-2	0	-1	1	-4	3	2.132	2.229	97.77	2.201	1.032
144	3	4	3	-1	0	1	3	-3	1	2.168	2.321	94.12	3.401	1.569
145	1	2	7	2	-1	0	1	3	-1	2.173	2.173	76.70	2.888	1.329
146	3	6	4	-2	1	0	0	-2	3	2.196	2.413	90.00	2.888	1.315
147	3	5	2	-1	1	-1	-3	1	2	2.321	2.467	93.72	3.401	1.465
148	4	5	1	1	-1	1	3	-2	-2	2.321	2.495	88.01	3.401	1.465
149	7	8	6	-2	1	1	2	-4	3	2.323	2.482	87.11	2.451	1.055
150	-2	7	5	-1	-1	1	4	-1	3	2.374	2.480	95.87	2.451	1.032
151	2	2	1	-1	1	0	-1	0	2	2.377	2.377	77.86	5.001	2.104
152	6	7	8	1	-2	1	5	-2	-2	2.384	2.521	86.10	2.451	1.028
153	1	2	8	-2	1	0	0	-4	1	2.392	2.592	90.00	2.888	1.207
154	3	6	5	-2	1	0	-1	-2	3	2.413	2.413	78.04	2.888	1.197
155	2	4	7	-2	1	0	-1	-3	2	2.426	2.426	78.10	2.888	1.190
156	3	4	4	0	-1	1	4	-3	0	2.452	2.467	79.13	3.401	1.387
157	2	3	0	0	0	-1	-3	2	0	2.454	2.650	90.00	4.638	1.890
158	3	5	3	-1	0	1	3	-3	2	2.512	2.559	81.26	3.401	1.354
159	4	8	1	2	-1	0	-1	1	-4	2.556	2.556	101.28	2.888	1.130
160	4	8	3	-2	1	0	1	-2	4	2.684	2.684	100.74	2.888	1.076
161	3	6	7	2	-1	0	1	3	-3	2.797	2.797	79.70	2.888	1.032
162	4	5	4	-1	0	1	4	-4	1	2.817	2.857	97.90	3.401	1.207
163	5	6	1	1	-1	1	3	-2	-3	2.842	2.857	99.25	3.401	1.197
164	1	1	3	-1	1	0	-1	-2	1	2.857	2.857	100.08	5.001	1.751
165	3	5	5	0	-1	1	5	-3	0	2.964	3.053	85.53	3.401	1.147
166	4	5	5	0	-1	1	5	-3	-1	3.053	3.116	95.76	3.401	1.114
167	5	7	2	-1	1	-1	-4	2	3	3.223	3.307	94.02	3.401	1.055
168	6	7	1	1	-1	1	4	-3	-3	3.294	3.441	89.91	3.401	1.032
169	4	7	3	-1	1	-1	-4	1	3	3.294	3.307	97.98	3.401	1.032
170	3	4	0	0	0	-1	-4	3	0	3.344	3.490	90.00	4.638	1.387
171	3	3	1	-1	1	0	-1	0	3	3.386	3.386	81.51	5.001	1.477

172	2	2	3	1	-1	0	2	1	-2	3.413	3.413	81.58	5.001	1.465
173	1	1	4	-1	1	0	-2	-2	1	3.628	3.763	90.00	5.001	1.379
174	3	3	2	-1	1	0	-1	-1	3	3.669	3.803	90.00	5.001	1.363
175	3	5	0	0	0	-1	-5	3	0	4.042	4.164	90.00	4.638	1.147
176	4	5	0	0	0	-1	-5	4	0	4.250	4.366	90.00	4.638	1.091
177	4	4	1	-1	1	0	-1	0	4	4.428	4.428	83.52	5.001	1.130
178	1	1	5	-1	1	0	-2	-3	1	4.490	4.490	96.39	5.001	1.114
179	3	3	4	1	-1	0	2	2	-3	4.740	4.844	90.00	5.001	1.055
180	2	2	5	1	-1	0	3	2	-2	4.863	4.863	84.10	5.001	1.028

For YingWu fra yingda, Nov 30 2006