



## Trish's Omni Heart

by John Bailey, 2003

(Happy Anniversary, Trish)

Angles for R.I. = 1.620

69 + 15 girdles = 84 facets

1-fold, mirror-image symmetry

96 index

L/W = 1.009 T/W = 0.549 U/W = 0.539

P/W = 0.489 C/W = 0.193

Vol./W<sup>3</sup> = 0.262

### PAVILION

1	42.30°	03-09-15-21- 27-33-39-45- 51-57-63-69- 75-81-87-93	CTP as in SRB
G1	90.00°	24-72	Establish size
G2	90.00°	18-78	Meet 1, G1 - OMNI
G3	90.00°	14-82	Meet 1, G2 - OMNI
G4	90.00°	11-85	Meet 1, G3 - OMNI
G5	90.00°	09-87	Meet 1, G4 - OMNI
G6	90.00°	33-63	Meet 1, G1 - OMNI
G7	90.00°	43-53	Meet 1, G6 - OMNI
G8	90.00°	48	Meet 1, G7 - OMNI
2	60.00°	09-87	Meet 1, G5 - Start level girdle
3	60.90°	11-85	Meet 1, G4, G5 - Even girdle
4	61.10°	14-82	Meet 1, G3, G4 - Even girdle
5	60.30°	18-78	Meet 1, G2, G3 - Even girdle
6	58.30°	24-72	Meet 1, G1, G2 - Even girdle
7	56.70°	33-63	Meet 1, G1, G6 - Even girdle
8	59.00°	43-53	Meet 1, G6, G7 - Even girdle
9	60.80°	48	Meet 1, G7, G8 - Even girdle
10	47.00°	48	Meet 1, 8, 9
11	41.00°	36-60	Meet 8, 9, 10
12	41.00°	24-72	Meet 1, 7, 8 and culet point
13	41.00°	12-84	Meet 1, 5, 6 and culet point
14	41.30°	96	Meet 1, 2, G5 and culet point

### CROWN

A	59.00°	48	Set girdle thickness
B	45.40°	43-53	Even girdle
C	48.60°	33-63	Even girdle
D	46.30°	24-72	Even girdle
E	49.00°	18-78	Even girdle
F	46.40°	14-82	Even girdle
G	49.00°	11-85	Even girdle
H	50.40°	09-87	Even girdle
J	43.00°	13-83	Meet F, G, Girdle
K	40.00°	22-74	Meet D, E, Girdle
L	40.00°	36-60	Meet B, C, Girdle
N	36.00°	96	Meet H, Girdle
N	31.50°	17-79	Meet E, F, J, K
P	28.00°	09-87	Meet G, H, J, M
Q	28.00°	30-66	Meet C, D, K, L
T	0.00°	Table	Meet M, P and J, N, P and K, N, Q and B, L, Q
R	22.90°	48	Meet B, L, Q, T

NOTE: Easier / faster than it looks - performs well.

E:\Dvue2\MyGems\TrishsHeart162.gem