



Sacred Heart #2

by John Bailey, 2007

Angles for R.I. = 1.610

58 + 15 girdles = 73 facets

1-fold, mirror-image symmetry

96 index

L/W = 1.014 T/W = 0.579 U/W = 0.568

P/W = 0.475 C/W = 0.120

(G3 G5)/W = 0.983

Vol./W³ = 0.221

PAVILION

G1	90.00°	10-86	Begin Girdle
G2	90.00°	14-82	Meet 1, 2, G1
G3	90.00°	18-78	Meet 1, 1, G2
G4	90.00°	24-72	Meet 1, 1, G3
G5	90.00°	30-66	Meet 1, 1, G4
G6	90.00°	36-60	Meet 1, 1, G5
G7	90.00°	42-54	Meet 1, 1, G6
G8	90.00°	48	Meet 1, 1, G7
1	43.00°	12-36-60-84	CTP
2	51.10°	30-66	Even Girdle
3	60.00°	24-72	Even Girdle
4	63.00°	18-78	Even Girdle
5	56.80°	14-82	Even Girdle
6	60.00°	10-86	Even Girdle
7	54.20°	42-54	Even Girdle
8	65.70°	48	Even Girdle
9	49.90°	96	Meet 6, Girdle
10	41.00°	11-13-35-37-59-61-83-85	Meets at ends of cross

CROWN

A	38.00°	10-86	Locate Girdle
B	42.40°	14-82	Even Girdle
C	42.40°	18-78	Even Girdle
D	38.60°	24-72	Even Girdle
E	40.80°	30-66	Even Girdle
F	34.70°	36-60	Even Girdle
G	37.00°	42-54	Even Girdle
H	51.00°	48	Even Girdle
J	35.90°	45-51	Meet G, H, Girdle
K	29.80°	38-58	Meet F, G, Girdle
L	31.10°	21-75	Meet C, D, Girdle
M	34.00°	12-84	Meet A, B, Girdle
N	20.80°	03-93	Meet A, Girdle
P	22.10°	16-80	Meet B, C, L, M
Q	16.40°	28-68	Meet D, E, F, K, L
R	25.10°	42-54	Meet G, J, K
T	0.00°	Table	Table

COS = 75

Use Sacred Heart Preform

Better in RI > 1.60

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