



## Sacred Heart

by John Bailey, 2007

Angles for R.I. = 1.540

68 + 15 girdles = 83 facets

1-fold, mirror-image symmetry

96 index

$L/W = 1.014$   $T/W = 0.632$   $U/W = 0.599$

$P/W = 0.464$   $C/W = 0.123$

$(G3\ G5)/W = 0.983$

$Vol./W^3 = 0.223$

### 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	51.90°	30-66	Even Girdle
3	60.60°	24-72	Even Girdle
4	65.80°	18-78	Even Girdle
5	58.10°	14-82	Even Girdle
6	60.90°	10-86	Even Girdle
7	54.80°	42-54	Even Girdle
8	65.90°	48	Even Girdle
9	33.40°	96-24-48-72	Meet 2, 3, 4, 5 and 7, 8
10	50.80°	96	Meet 1, 6, 9

### CROWN

A	40.00°	10-86	Locate Girdle
B	40.00°	14-82	Even Girdle
C	40.00°	18-78	Even Girdle
D	40.00°	24-72	Even Girdle
E	40.00°	30-66	Even Girdle
F	40.00°	36-60	Even Girdle
G	40.00°	42-54	Even Girdle
H	40.00°	48	Even Girdle
J	30.00°	10-86	
K	30.00°	14-82	
L	30.00°	18-78	
M	30.00°	24-72	
N	30.00°	30-66	
P	30.00°	36-60	
Q	30.00°	42-54	
R	30.00°	48	
	20.00°	10-86	
	20.00°	14-82	
	20.00°	18-78	
	20.00°	24-72	
	20.00°	30-66	
	20.00°	36-60	
	20.00°	42-54	
	20.00°	48	
T	0.00°	Table	

COS = 60.3

Use Sacred Heart Preform

E:\Dvue2\MyGems\SacredHeart-154.gem