



### Checkerboard Princess

by John Bailey, 2007  
 Angles for R.I. = 1.540  
 57 + 4 girdles = 61 facets  
 4-fold, mirror-image symmetry  
 96 index  
 $L/W = 1.000$   $T/W = 0.311$   $U/W = 0.311$   
 $P/W = 0.582$   $C/W = 0.212$   
 $Vol./W^3 = 0.386$

#### PAVILION

1	41.00°	07-17-31-41-55-65-79-89	CPP
Girdle	90.00°	96-24-48-72	Calibrate Size
2	69.00°	96-24-48-72	Locate Girdle
3	43.30°	05-19-29-43-53-67-77-91	Meet 1, 2, Girdle
4	48.20°	03-21-27-45-51-69-75-93	Meet 1, 2, 3, Girdle

#### CROWN

A	70.00°	96-24-48-72	Set Girdle width
B	25.00°	12-36-60-84	Meet A, Girdle
C	18.70°	12-36-60-84	Meet A, B at about 1/4 width
D	24.10°	01-23-25-47-49-71-73-95	Meet A, C
E	22.70°	96-24-48-72	Meet A, D
F	16.50°	12-36-60-84	Meet C, D, E
T	0.00°	Table	

COS = 66

Pavilion derived from Wolonsky's Princes Look-alike  
 E:\Dvue2\MyGems\NEWGEM~1\CHECKE~1.GEM