

## Houseki II

by John Bailey, 2005

Angles for R.I. = 1.620

63 + 12 girdles = 75 facets

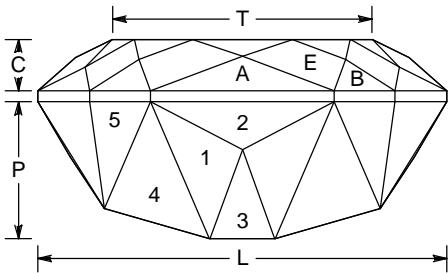
2-fold, mirror-image symmetry

96 index

$L/W = 1.437$   $T/W = 0.911$   $U/W = 0.580$

$P/W = 0.484$   $C/W = 0.180$

$Vol./W^3 = 0.452$



### PAVILION

G1	90.00°	96-48	Calibrate width
G2	90.00°	07-41-55-89	Meet 1, 2, G1
1	42.30°	03-45-51-93	Meet G1, G2 - CTP
2	53.50°	96-48	Meet 1, G1, G2
3	40.00°	96-48	Meet 1, 2
4	41.80°	05-43-53-91	Meet 1, 2, G1, G2
5	45.00°	07-41-55-89	Meet 1, 2, 4, G1, G2
6	55.20°	15-33-63-81	Meet 4, 5
7	56.80°	22-26-70-74	Meet 4, 5, 6
G3	90.00°	15-33-63-81	Meet 5, 6, G2
G4	90.00°	24-72	Meet 6, 7
8	60.00°	24-72	Meet 5, 6, G3, G4

### CROWN

A	51.30°	96-48	Set girdle width
B	42.30°	07-41-55-89	Even girdle
C	43.00°	15-33-63-81	Even girdle
D	41.50°	24-72	Even girdle
E	37.40°	03-45-51-93	Meet A, B, Girdle
F	35.00°	12-36-60-84	Meet B, C, Girdle
G	34.60°	18-30-66-78	Meet C, D, Girdle
H	27.40°	96-48	Meet A, E
J	27.60°	07-41-55-89	Meet B, E, F
K	31.90°	15-33-63-81	Meet C, F, G
L	25.70°	24-72	Meet D, G
T	0.00°	Table	

Use preform hc2-pre

E:\Dvue2\MyGems\Houseki2.gem