

### Howell's Maltese Cross

by John Bailey, 2007

Angles for R.I. = 1.760

69 + 12 girdles = 81 facets

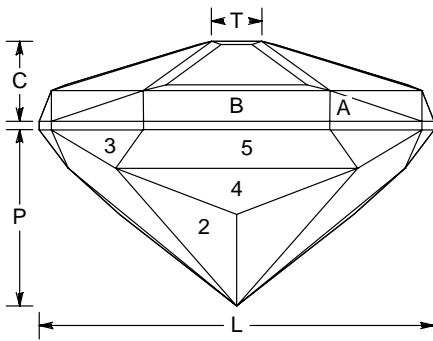
4-fold, mirror-image symmetry

96 index

$L/W = 1.000$   $T/W = 0.128$   $U/W = 0.128$

$P/W = 0.446$   $C/W = 0.202$

$Vol./W^3 = 0.293$



#### PAVILION

G1	90.00°	96-24-48-72	from Preform
G2	90.00°	02-22-26-46-50-70-74-94	from Preform
1	33.90°	12-36-60-84	CPP
2	38.00°	01-23-25-47-49-71-73-95	Meet Culet
3	56.90°	02-22-26-46-50-70-74-94	Meet 1, G2
4	42.00°	96-24-48-72	Meet 1, 2, 3
5	53.10°	96-24-48-72	Even Girdle; Meet 1, 2, 3, 4

#### CROWN

A	68.70°	02-22-26-46-50-70-74-94	Establish Girdle width
B	68.50°	96-24-48-72	Even Girdle
C	25.30°	12-36-60-84	Meet A, B, Girdle
D	21.50°	96-24-48-72	
E	15.90°	04-20-28-44-52-68-76-92	Meet A, B, C, D
F	16.90°	12-36-60-84	Meet A, B, C, D, E
G	17.00°	96-24-48-72	
T	0.00°	Table	Meet E, F, G
H	12.50°	96-24-48-72	Meet E, F, G, T

COS = 66.5

Shallow-draft design good for a Man's ring

E:\Dvue2\MyGems\HHmaltese.gem