



## GB Cushion Diamond

Designed by Fred Van Sant  
converted to GemCAD by Dan Clayton 3-1-2004  
for 1.7 and higher RI

Angles for R.I. = 1.700

55 + 12 girdles = 67 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.733$   $T/W = 1.127$   $U/W = 0.515$

$P/W = 0.731$   $C/W = 0.171$

$Vol./W^3 = 0.584$

### PAVILION

1	41.00°	18-30-66-78	Cut to PCP
2	40.15°	24-72	Meet PCP
3	90.00°	24-72	Set stone size
4	41.00°	96-06-12-36- 42-48-54-60- 84-90	Meet PCP
5	70.00°	11-37-59-85	Meet 1-2-3
6	73.64°	04-44-52-92	Meet 1-4-5
7	73.91°	96-48	Meet 4-4-6
8	90.00°	11-37-59-85	Level girdle
9	90.00°	04-44-52-92	Level girdle
10	90.00°	96-48	Level girdle

### CROWN

A	35.18°	96-48	Set girdle thickness
B	43.35°	04-44-52-92	Level girdle
C	40.70°	11-37-59-85	Level girdle
D	29.41°	24-72	Level girdle
E	35.73°	03-45-51-93	GMP
F	34.11°	12-36-60-84	GMP
G	34.00°	02-46-50-94	GMP
H	28.14°	07-41-55-89	Meet E-B-C-F
T	0.00°	Table	

One of Fred's last designs but I can't find the date.

You can chain cut girdle tiers P8, P9 and P10

before half moon tiers P5, P6 and P7 if you wish.

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