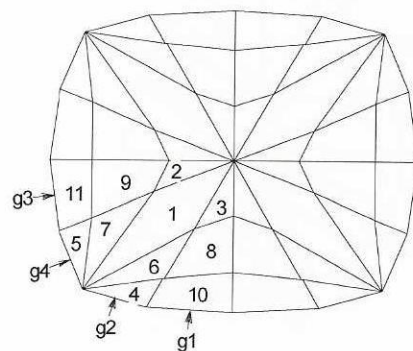
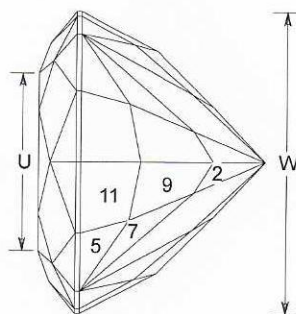
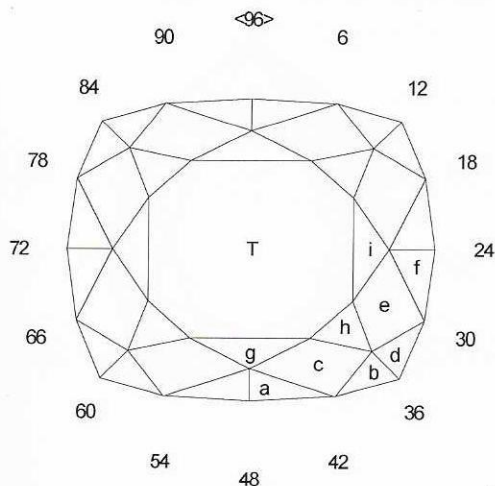




## The Queen's Fancy rev. for 96 index

By Ernie Hawes

Angles for R.I. = 2.160

77 + 16 girdles = 93 facets

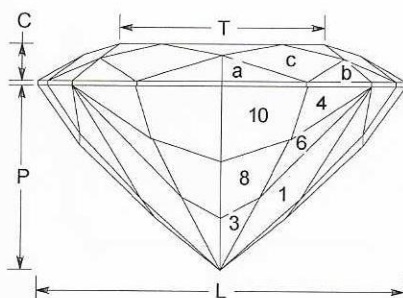
2-fold, mirror-image symmetry

96 index

$L/W = 1.198$   $T/W = 0.667$   $U/W = 0.581$

$P/W = 0.604$   $C/W = 0.123$

$Vol./W^3 = 0.348$



### PAVILION

|    |        |             |                                      |
|----|--------|-------------|--------------------------------------|
| 1  | 43.21° | 11-37-59-85 | Cut to center point                  |
| 2  | 39.87° | 19-29-67-77 | Cut to center point                  |
| 3  | 43.50° | 04-44-52-92 | Cut to center point                  |
| g1 | 90.00° | 01-47-49-95 | Set girdle width to allow 1.25 ratio |
| g2 | 90.00° | 04-44-52-92 | Meet g1 at line dividing 1 and 3     |
| g3 | 90.00° | 22-26-70-74 | Cut length to 1.25 ratio with width  |
| g4 | 90.00° | 18-30-66-78 | Meet g3 at line dividing 1 and 2     |
| 4  | 59.57° | 04-44-52-92 | Cut to juncture g2/g4 and 1          |
| 5  | 54.44° | 18-30-66-78 | Meet 1 and 4 at juncture g2/g4       |
| 6  | 44.85° | 09-39-57-87 | Meet at juncture 4/5 and g2/g4       |
| 7  | 44.36° | 14-34-62-82 | Meet at juncture 4/5 and g2/g4       |
| 8  | 46.55° | 03-45-51-93 | Meet at juncture 1/3/6               |
| 9  | 44.21° | 21-27-69-75 | Meet at juncture 1/2/7               |
| 10 | 61.41° | 01-47-49-95 | Cut to level girdle line             |
| 11 | 55.41° | 22-26-70-74 | Cut to level girdle line             |

### CROWN

|   |        |             |                                       |
|---|--------|-------------|---------------------------------------|
| a | 38.60° | 01-47-49-95 | Set girdle thickness                  |
| b | 33.24° | 04-44-52-92 | Cut to girdle line                    |
| c | 31.05° | 03-45-51-93 | Meet a/b at girdle                    |
| d | 31.98° | 18-30-66-78 | Cut to girdle line                    |
| e | 26.79° | 21-27-69-75 | Meet d at girdle juncture g3/g4       |
| f | 28.91° | 22-26-70-74 | Cut to girdle line                    |
| g | 20.18° | 96-48       | Meet at juncture a/c                  |
| h | 16.42° | 11-37-59-85 | Meet at juncture b/c/d/e              |
| i | 19.30° | 24-72       | Meet at juncture e/h and f            |
| T | 0.00°  | Table       | Cut table to juncture c/g/h and e/h/i |