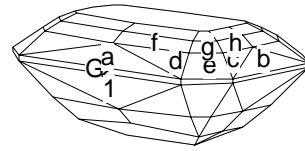
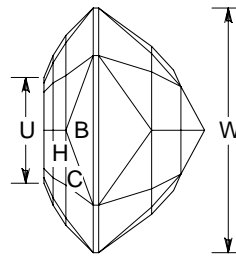
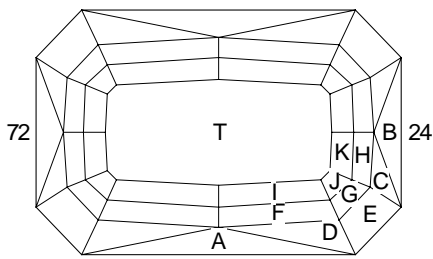


60

48

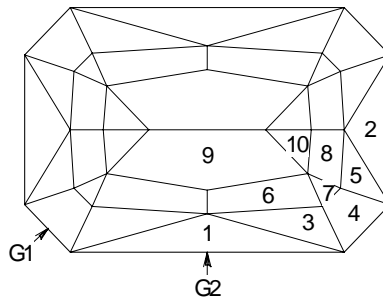
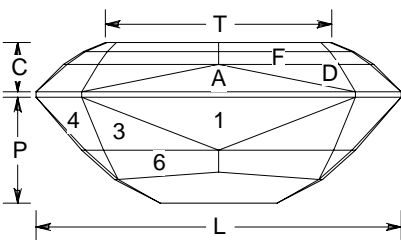
36



84

96

12



### European Mixed Cut

Glenn & Martha Vargas

Faceting for Amateurs,

1st ed, 1969, p 153

Angles for R.I. = 2.200

75 + 8 girdles = 83 facets

2-fold, mirror-image

symmetry

96 index

L/W = 1.500 T/W =

0.932 U/W = 0.440

P/W = 0.434 C/W =

0.199

Vol./W<sup>3</sup> = 0.526

#### PAVILION

G1	90.00°	12-24-36-60-72-84
G2	90.00°	96-48
1	55.11°	96-48
2	49.90°	24-72
3	49.21°	01-47-49-95
4	49.11°	12-36-60-84
5	46.99°	23-25-71-73
6	43.38°	01-47-49-95
7	43.38°	12-36-60-84
8	43.38°	23-25-71-73
9	28.84°	96-48
10	28.00°	23-25-71-73

#### CROWN

A	46.01°	96-48
B	45.02°	24-72
C	40.44°	23-25-71-73
D	37.97°	01-47-49-95
E	37.46°	12-36-60-84
F	33.22°	01-47-49-95
G	33.22°	12-36-60-84
H	33.22°	23-25-71-73
I	20.00°	01-47-49-95
J	20.00°	12-36-60-84
K	20.00°	23-25-71-73
T	0.00°	Table

#### Cutters Notes:

G1 facets are cut to a common mast height, i.e., L dimension between 24-72, 12-60, and 36-84 are all equal

Stone Material to be CZ, light or clear is best.

Stone width to be 10 mm +/- 0.1 mm without deduction.

Girdle width to be 0.3 mm +/- 0.1 mm without deduction.

No specific cutting order or sequence is presented or implied. Cut crown facet lengths along 96-48 index line (I&F) to APPROXIMATELY 1 MM or 1/10 of W. As a suggestion cutters may use a gauge of known thickness for setting facet edge length. Design is TR'd for CZ from original design angles