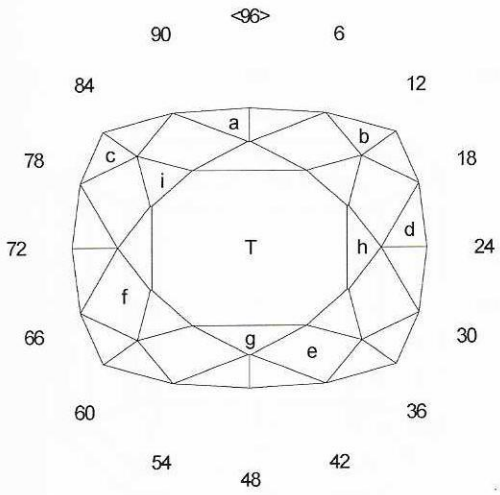

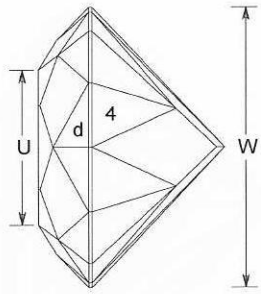

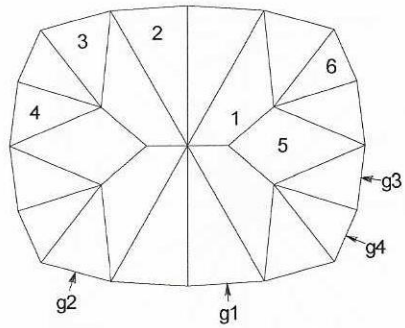

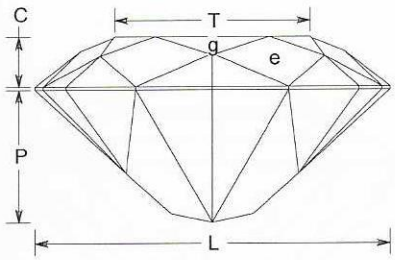

Six-Eight Cushion 4x5

By Ernie Hawes

revised 8/14
Angles for R.I. = 1.540
55 + 16 girdles = 71 facets
2-fold, mirror-image symmetry
96 index
L/W = 1.252 T/W = 0.689 U/W = 0.553
P/W = 0.471 C/W = 0.175
Vol./W^3 = 0.328

PAVILION

g1	90.00° 01-47-49-95	Set stone width
1	41.82° 03-45-51-93	Create center point
2	43.32° 01-47-49-95	Cut to center point created by1
3	42.44° 04-44-52-92	Meet 1 & 2 at girdle
g2	90.00° 04-44-52-92	Meet g1 at juncture with 1 & 2
g3	90.00° 22-26-70-74	Cut to 1.25 of width
4	44.66° 22-26-70-74	Create even girdle line with g2
5	42.78° 24-72	Meet g3 at the girdle
6	44.35° 18-30-66-78	Meet at juncture of 2, 3, 4 & 5
g4	90.00° 18-30-66-78	Cut to even girdle line with g3

CROWN

a	43.00° 01-47-49-95	Set girdle thickness
b	44.00° 04-44-52-92	Cut to girdle line created by a
c	37.41° 18-30-66-78	Cut to even girdle line
d	37.85° 22-26-70-74	Cut to even girdle line
e	39.32° 02-46-50-94	Meet at girdle
f	33.80° 20-28-68-76	Meet at girdle
g	31.14° 96-48	Meet at juncture of a & e
h	22.65° 24-72	Meet at juncture of d & f
i	20.83° 11-37-59-85	Meet at the juncture of c, e, & f
T	0.00° Table	Cut to where star facets meet mains