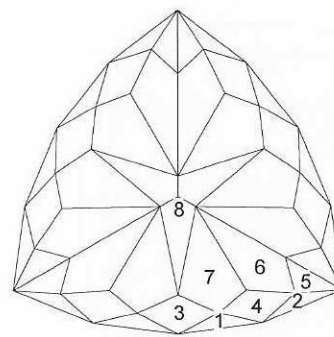
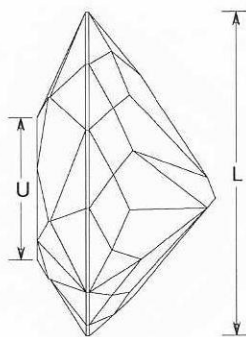
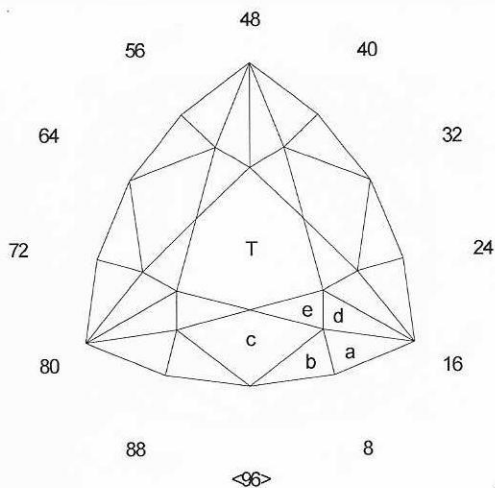


Tri-Cushion II

By Ernie Hawes

Angles for R.I. = 1.760

70 + 12 girdles = 82 facets

3-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.443$ $U/W = 0.442$

$P/W = 0.388$ $C/W = 0.147$

$Vol./W^3 = 0.170$

PREFORM

PF1	52.00° 02-30-34-62-66-94
PF2	49.50° 06-26-38-58-70-90
g1	90.00° 02-30-34-62-66-94
g2	90.00° 06-26-38-58-70-90

Create temporary center point (TCP)

Cut to center point created by PF1

Establish girdle line

Cut to even girdle line with g1

PAVILION

1	56.10° 02-30-34-62-66-94
2	56.10° 06-26-38-58-70-90
3	48.00° 96-32-64
4	48.00° 04-28-36-60-68-92
5	41.00° 10-22-42-54-74-86
6	38.90° 06-26-38-58-70-90
7	41.00° 02-30-34-62-66-94
8	40.00° 96-32-64

Cut to PCP a little below girdle line created by g1 & g2

Cut to even girdle line with 1

Meet at juncture of the number 1 facets

Meet at juncture of 1 & 2

Meet at the corner juncture of the number 2 facets

Meet at the juncture of 2, 4, & 5

Meet at the juncture of 1, 3, & 4

Meet at the points of 3 & 6

CROWN

a	37.40° 06-26-38-58-70-90
b	37.20° 02-30-34-62-66-94
c	32.00° 96-32-64
d	25.00° 13-19-45-51-77-83
e	18.00° 04-28-36-60-68-92
T	0.00° Table

Set crown girdle line

Cut to even girdle line with a

Meet b at the girdle

Meet at juncture of a, b, & c

Meet at juncture of a, b, c, & d

Meet at juncture of c & e and e & d

Based on Montringle design by Dylan Houtman