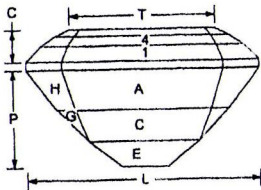
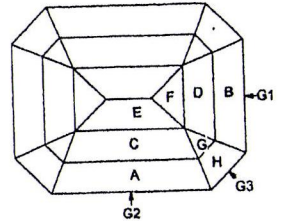
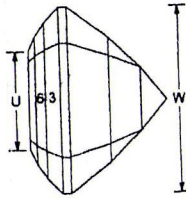
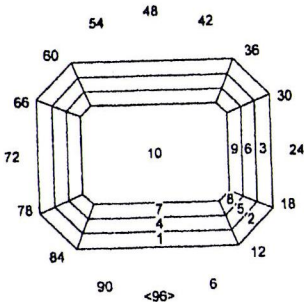


New South Wales GEMKHANA

Open Section O.9A – Standard Oblong Step Cut with cut corners.

Material – Man Made Coloured Corundum.

Facets 53 (45+8 Girdle) Meets 52 (Crown 32, Pavilion 20)



Standard Oblong Step Cut with cut corners

Angles for Corundum

Angles for R.I. = 1.760

45 + 8 girdles = 53 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.250$ $T/W = 0.782$ $U/W = 0.532$

$P/W = 0.527$ $C/W = 0.170$

$Vol./W^3 = 0.460$

PAVILION

G1	90.00°	24-72
G2	90.00°	96-48
A	53.00°	96-48
B	53.00°	24-72
C	46.00°	96-48
D	46.00°	24-72
E	39.00°	96-48
F	39.00°	24-72
G	46.00°	12-36-60-84
H	53.00°	12-36-60-84
G3	90.00°	12-36-60-84

CROWN

1	45.00°	96-48
2	45.00°	12-36-60-84
3	45.00°	24-72
4	35.00°	96-48
5	35.00°	12-36-60-84
6	35.00°	24-72
7	25.00°	96-48
8	25.00°	12-36-60-84
9	25.00°	24-72
10	0.00°	Table