

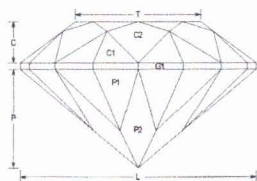
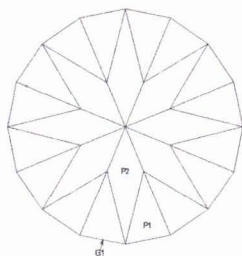
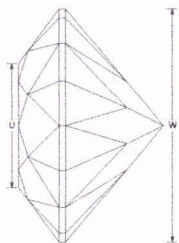
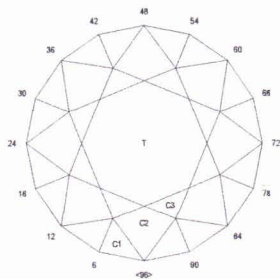
OPEN / INTERMEDIATE SECTIONS O. 8B.1/ I. 8B.2

Materials

Australian Topaz

Facets 73

Meets 57 (Crown 32, Pavilion 25)



Standard Round Brilliant - Faceted Girdle

Angles for R.I. = 1.610

57 + 16 girdles = 73 facets

8-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.533$ $U/W = 0.533$

$P/W = 0.420$ $C/W = 0.176$

$Vol./W^3 = 0.216$

PAVILION

P1	42.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to T.C.P.
G1	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Establish and level girdle.
P2	40.00°	96-12-24-36-48-60-72-84	Meet G1 P1 P1 G1 at girdle.
CROWN			
C1	42.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Establish girdle width.
C2	37.00°	96-12-24-36-48-60-72-84	Meet C1 C1 at girdle
C3	22.00°	06-18-30-42-54-66-78-90	Meet C2 C1 C1 C2.
T	0.00°	Table	Meet C3 C2 C3.