

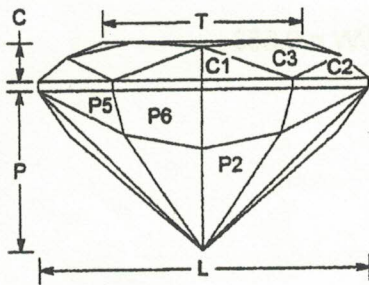
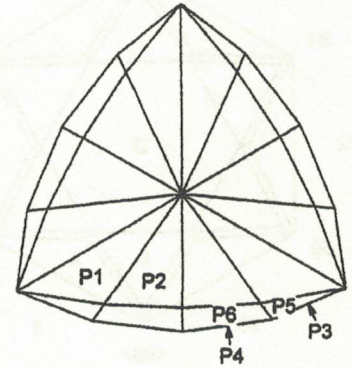
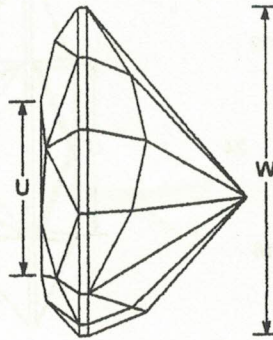
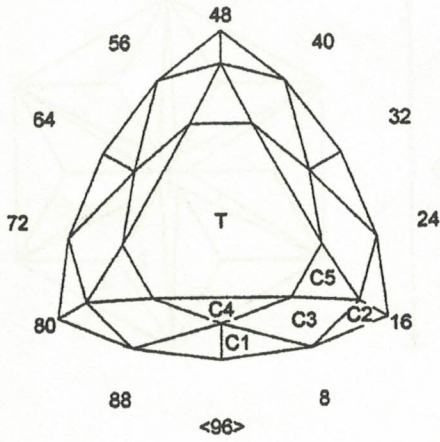
Queensland Faceting Competition 2013

OPEN DIVISION

SECTION O.10.2

Barion Trilliant

To be cut in coloured Topaz



Barion Trilliant - Brilliant Crown

John Broadfoot

Modified from Barion Trilliant Pavilion

by Alexandre Wolkonsky

Angles for R.I. = 1.610

49 + 12 girdles = 61 facets

3-fold, mirror-image symmetry

96 index

$L/W = 1.004$ $T/W = 0.611$ $U/W = 0.529$

$P/W = 0.487$ $C/W = 0.115$

$Vol./W^3 = 0.212$

PREFORM

P1	41.00°	12-20-44-52-76-84
P2	42.50°	04-28-36-60-68-92
P3	90.00°	06-26-38-58-70-90
P4	90.00°	02-30-34-62-66-94

PAVILION

P5	66.00°	06-26-38-58-70-90
P6	68.04°	02-30-34-62-66-94

CROWN

C1	42.37°	02-30-34-62-66-94
C2	42.37°	06-26-38-58-70-90
C3	35.00°	04-28-36-60-68-92
C4	10.67°	96-32-64
C5	13.56°	16-48-80
T	0.00°	Table