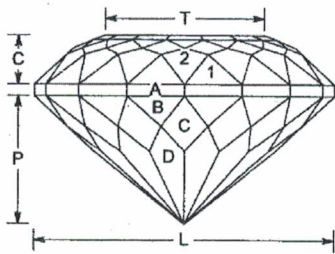
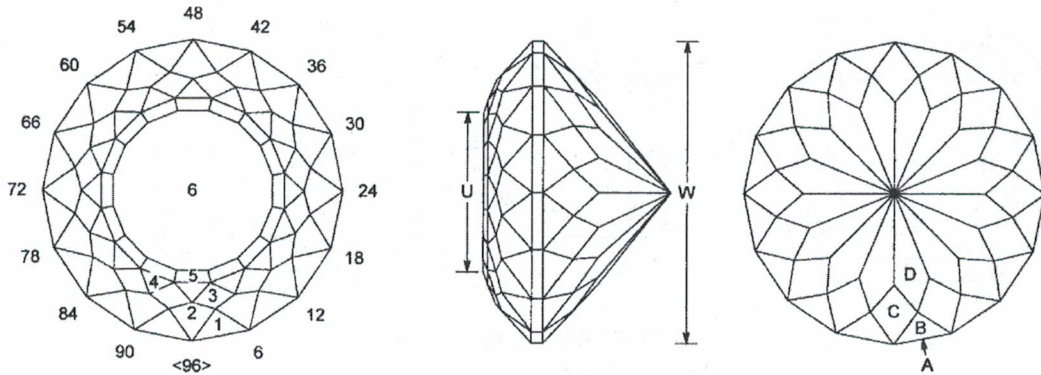


# Queensland Faceting Competition 2017

## OPEN SECTION O10.1

Material  
Specified Size

Colourless Topaz  
10mm



### Scintillator

Angles for Topaz  
Angles for R.I. = 1.610  
129 + 16 girdles = 145 facets  
16-fold radial symmetry  
96 index  
L/W = 1.000 T/W = 0.531 U/W = 0.531  
P/W = 0.424 C/W = 0.162  
Vol./W<sup>3</sup> = 0.232

### PAVILION

A	90.00°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93
B	48.00°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93
C	43.00°	96-06-12-18-24-30-36-42- 48-54-60-66-72-78-84-90
D	39.00°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93

### CROWN

1	48.00°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93
2	43.00°	96-06-12-18-24-30-36-42- 48-54-60-66-72-78-84-90
3	28.50°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93
4	23.50°	96-06-12-18-24-30-36-42- 48-54-60-66-72-78-84-90
5	19.00°	96-06-12-18-24-30-36-42- 48-54-60-66-72-78-84-90
6	0.00°	Table