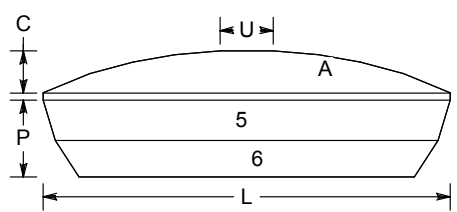


### Long Opposed Bar II

Bruce White 9-6-2010  
 Copyright 2010  
 Angles for R.I. = 1.620  
 19 + 4 girdles = 23 facets  
 2-fold, mirror-image symmetry  
 96 index  
 $L/W = 2.634$   $T/W = 0.800$   $U/W = 0.343$   
 $P/W = 0.496$   $C/W = 0.274$   
 $Vol./W^3 = 1.238$



### PAVILION

- 1 90.00° 96-48 Establish width
- 2 90.00° 24-72 Establish length
- 3 73.17° 24-72 Establish girdle line
- 4 57.05° 24-72 Cut approximatly equil to #3 width
- 5 48.15° 96-48 Cut to meet #3 at girdle
- 6 41.50° 96-48 Cut to culet and 3-4-5

### CROWN

- A 70.00° 96-48 Establish girdle width
- B 22.00° 24-72 Establish girdle width
- C 15.00° 24-72 Cut to leave B facet just over 10% of length
- D 10.00° 24-72 Cut to leave C facet just over 10% of length
- E 5.00° 24-72 Cut to leave D facet just over 10% of length
- F 0.00° Table Cut to leave table same size as steps.

Simple design for long tourmaline crystals. Steep end facets for closed "C" axis tourmaline. Works well with long pieces of mixed color sunstone to avoid mixing of colors. Crown facets B through F are cut by eye and may require some fiddling to get proportions correct.

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