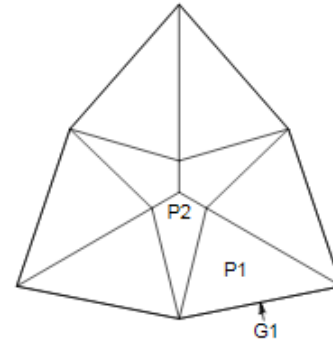
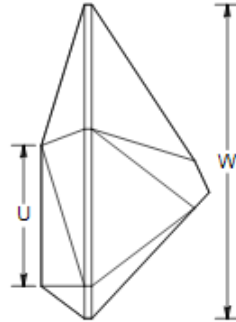
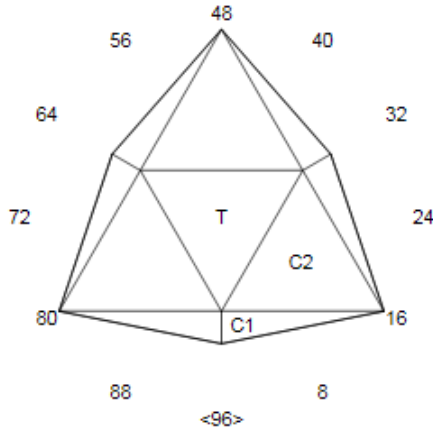




# United States Faceters Guild

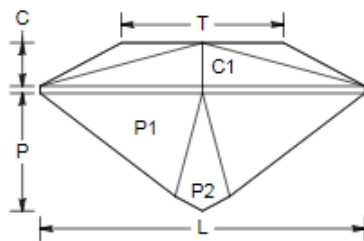
## 2016 Single Stone Competition

### NOVICE CLASS



#### Treforze - 2016 USFG Novice

by Arya Akhavan (August 2012)  
 Angles for R.I. = 1.520  
 19 + 6 girdles = 25 facets  
 3-fold, mirror-image symmetry  
 96 index  
 $L/W = 1.037$   $T/W = 0.518$   $U/W = 0.449$   
 $P/W = 0.375$   $C/W = 0.138$   
 $Vol./W^3 = 0.151$



#### PAVILION

P1	45.00°	03-29-35-61-67-93	Cut to centerpoint.
G1	90.00°	03-29-35-61-67-93	Set stone size.
P2	43.00°	96-32-64	Meet P1, G1

#### CROWN

C1	53.74°	03-29-35-61-67-93	Set girdle width.
C2	17.07°	16-48-80	Meet G1, C1
T	0.00°	Table	Meet C1, C2



This extremely simple checkerboard design was written for okenoite feldspar, but can be cut in RIs from 1.52 to 2.16 with no changes. It has good light return, and the reflection pattern is reminiscent of a snowflake.

Material: cutter's choice, any color, natural or man-made

Size: width 10 mm +/- 2.0, girdle thickness 0.4 mm +/- 0.2

The Novice Class is designed to challenge beginners. This design may be simple, but it requires a basic understanding of faceting in order to cut successfully and accurately.

To certify as a Novice, you must score a minimum of 85. To be eligible for awards, you must score a minimum of 90. The 1<sup>st</sup>, 2<sup>nd</sup>, & 3<sup>rd</sup> place rankings will go to the top 3 scores. A score of 90 or above will allow a Novice to elect to move up to the PreMaster competition in future years. The 1<sup>st</sup> place winner of the Novice Class MUST move up to the PreMaster competition if he or she chooses to compete again.