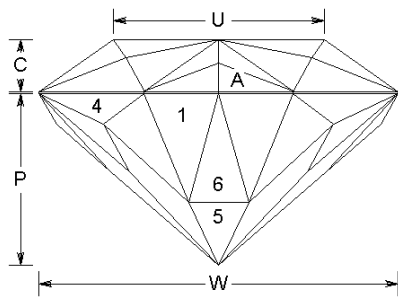


**USFG-2 -- for Single Stone Competition (no author)**

Material specified by competition Chair:

Angles for R.I. = 1.540  
 63 + 10 girdles = 73 facets  
 2-fold radial symmetry  
 96 index  
 L/W = 1.082 T/W = 0.586 U/W = 0.586  
 P/W = 0.476 C/W = 0.145  
 Vol./W<sup>3</sup> = 0.225



**PAVILION**

1	43.50°	03-09-15-21- 27-33-39-45- 51-57-63-69- 75-81-87-93	Temporary Centerpoint
2	90.00°	03-45-51-93	Level girdle; Size Length; CAM
3	90.00°	12-24-36-60- 72-84	CAM across 2 facets
4	60.00°	12-24-36-60- 72-84	Level girdle
5	41.00°	96-12-24-36- 48-60-72-84	new PCP; MP 1-4-1 at 12,24,36,60,72,84
6	41.52°	96-48	Girdle MP; MP 1-1-5-5
7	41.33°	18-30-66-78	Girdle MP and PCP

**CROWN**

A	32.00°	03-45-51-93	Level girdle
B	35.00°	12-24-36-60- 72-84	Level girdle
C	27.13°	08-16-32-40- 56-64-80-88	Girdle MP
D	0.00°	Table	MP C-B-C
E	17.85°	12-36-60-84	MP D-C-B and C-B-C
F	29.75°	04-44-52-92	Girdle MP; and C-E-D

**PREMASTERS STONE DESIGN FOR USFG 2002 SINGLE STONE COMPETITION**

The stone is to be cut in SYNTHETIC CORUNDUM, clear or any color.

STONE WIDTH to be 8mm to 11mm. There will be an allowed margin of 0.1mm + or - without deduction. Three 100% errors will be deducted if the width is outside of the margin.

GIRDLE THICKNESS to be 0.3mm + or - 0.1mm without deduction.

Girdle will be polished and judged under the same categories on the score sheet as all other facets. Two other categories are specifically designated for the girdle alone. They are GIRDLE THICKNESS and GIRDLE UNIFORM. §