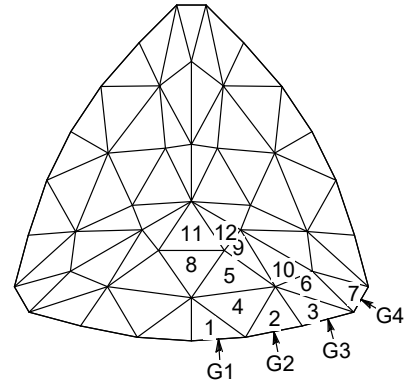
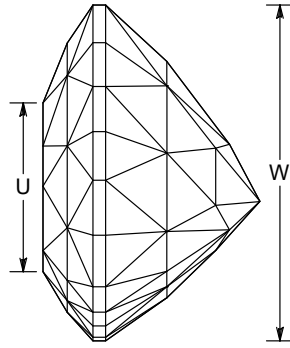
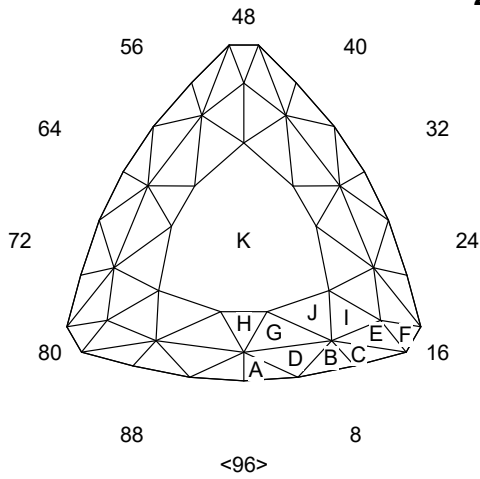


# 2018 USFG Grand Master Stone



## Kiev Triangle

by Jerry Newman

rev Nov 2004

2007 NAFC "A" Stone

Angles for R.I. = 2.160

118 + 21 girdles = 139 facets

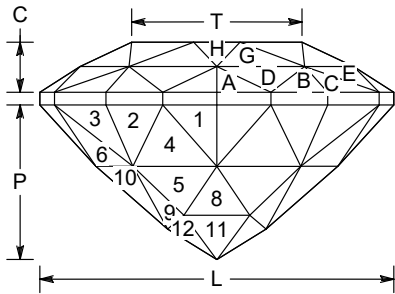
3-fold, mirror-image symmetry

96 index

$L/W = 1.056$   $T/W = 0.508$   $U/W = 0.503$

$P/W = 0.460$   $C/W = 0.149$

$Vol./W^3 = 0.220$



### PAVILION

1	55.00°	01-31-33-63-65-95
2	54.50°	03-29-35-61-67-93
3	53.80°	04-28-36-60-68-92
4	53.00°	02-30-34-62-66-94
5	49.00°	02-30-34-62-66-94
6	48.88°	06-26-38-58-70-90
7	47.48°	16-48-80
8	46.00°	96-32-64
9	44.00°	05-27-37-59-69-91
10	43.64°	06-26-38-58-70-90
11	41.97°	96-32-64
12	39.00°	03-29-35-61-67-93
G1	90.00°	01-31-33-63-65-95
G2	90.00°	03-29-35-61-67-93
G3	90.00°	04-28-36-60-68-92
G4	90.00°	16-48-80

### CROWN

A	42.17°	01-31-33-63-65-95
B	41.38°	03-29-35-61-67-93
C	40.33°	04-28-36-60-68-92
D	39.00°	02-30-34-62-66-94
F	34.10°	16-48-80
E	33.37°	06-26-38-58-70-90
G	33.00°	02-30-34-62-66-94
H	30.78°	96-32-64
I	27.08°	06-26-38-58-70-90
J	26.60°	05-27-37-59-69-91
K	0.00°	Table

Material: Feldspar (Moonstone, Orthoclase, Labradorite, Plagioclase from Madagascar)

Width: 12 mm +/- 0.1 mm .

Girdle: 0.3 mm +/- 0.1 mm

$L/W = 1.056$  with the calculated length +/- 0.1 mm