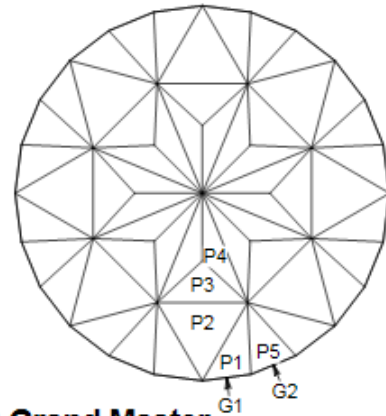
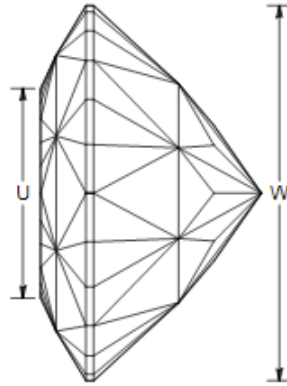
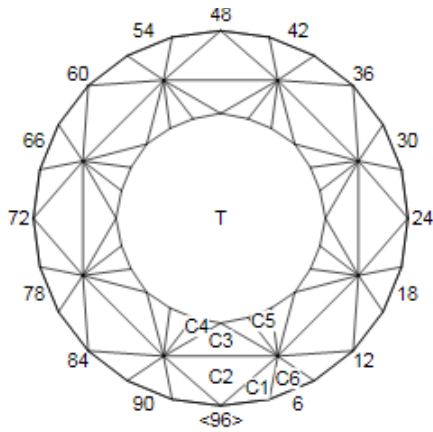




United States Faceters Guild

2016 Single Stone Competition

GRAND MASTER CLASS



Fairy Wand - 2016 USFG Grand Master

by Edith Strout (Stonebrook's Interpretation)

Tomoka Faceting Guild

Angles for R.I. = 2.160

121 + 24 girdles = 145 facets

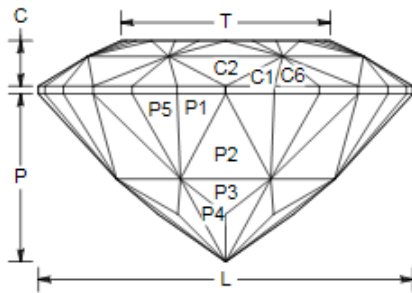
8-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.559 U/W = 0.559

P/W = 0.447 C/W = 0.121

Vol./W³ = 0.217



PAVILION

G1	90.00°	02-10-14-22-26-34-38-46-50-58-62-70-74-82-86-94	Set stone size.
P1	49.90°	02-10-14-22-26-34-38-46-50-58-62-70-74-82-86-94	Level girdle.
P2	47.40°	96-12-24-36-48-60-72-84	Meet P1, G1
P3	40.40°	96-12-24-36-48-60-72-84	Meet P1, P2
P4	35.50°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet P1, P2, P3
P5	51.52°	06-18-30-42-54-66-78-90	Meet P1, P2, P3, P4
G2	90.00°	06-18-30-42-54-66-78-90	Level girdle.

CROWN

C1	35.60°	02-10-14-22-26-34-38-46-50-58-62-70-74-82-86-94	Set girdle width.
C2	31.06°	96-12-24-36-48-60-72-84	Meet G1, C1
C3	25.10°	96-12-24-36-48-60-72-84	Meet C1, C2
C4	19.56°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet C1, C2, C3
C5	18.26°	06-18-30-42-54-66-78-90	Meet C1, C2, C3, C4
C6	39.19°	06-18-30-42-54-66-78-90	Meet C1, C2, C3, C4, C5; level girdle
T	0.00°	Table	Meet C3, C4

This design has a very large number of meetpoints with a very large number of facets at each meetpoint, and does not have any significant meetpoints that are a reasonable location to force errors to. Good luck!

Material: cubic zirconia, any color

Size: width 14 mm +/- 0.1, girdle thickness 0.3 mm +/- 0.1

The Grand Master Class is for world-class professional or competitive cutters. This design will test the maximum extent of your skills, with a complete mastery of extremely fine, perfect meetpoints and polish.

To certify as a Grand Master, you must score a minimum of 95. To be eligible for awards, you must score a minimum of 98. The 1st, 2nd, & 3rd place rankings will go to the top 3 scores. Cutters who compete in the Grand Master class are no longer eligible to cut in a lower class of competition.