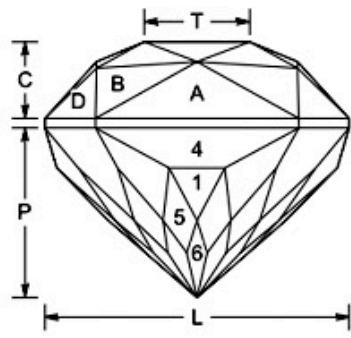
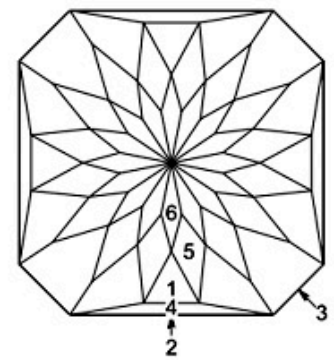
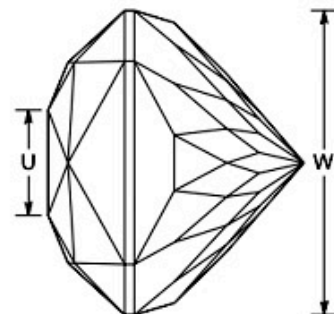
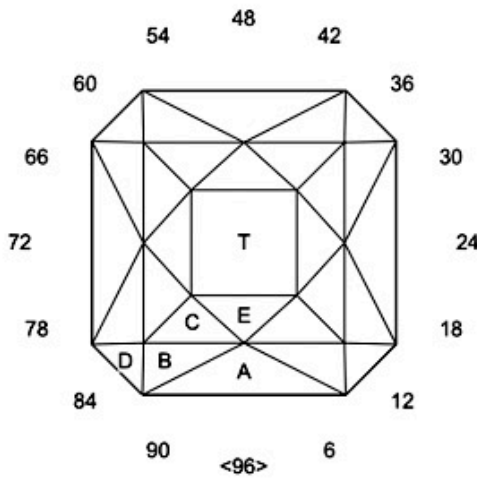


NBLC 2018 Bi-Monthly Facet Competition

OPEN Division Nov/Dec Stone QUARTZ CITRINE



Sparkly dome

Marco Voltolini
 Angles for R.I. = 1.540
 81 + 8 girdles = 89 facets
 4-fold, mirror-image symmetry
 96 index
 $L/W = 1.000$ $T/W = 0.347$ $U/W = 0.347$
 $P/W = 0.557$ $C/W = 0.251$
 $Vol./W \geq 0.378$

PAVILION

1	45.53°	96-06-12-18- 24-30-36-42- 48-54-60-66- 72-78-84-90	CTP (temp)
2	90.00°	96-24-48-72	Set stone size
3	90.00°	12-36-60-84	Cut corners...
4	73.31°	96-24-48-72	Set girdle level
5	43.15°	03-09-15-21- 27-33-39-45- 51-57-63-69- 75-81-87-93	Meet 1, 4 (only 8 facets have real meets)
6	41.00°	96-06-12-18- 24-30-36-42- 48-54-60-66- 72-78-84-90	Meet 1, 5. Final CTP

CROWN

A	47.64°	96-24-48-72	Set girdle thickness
B	44.23°	01-23-25-47- 49-71-73-95	Meet girdle
C	26.00°	02-22-26-46- 50-70-74-94	Meet A, B
D	53.36°	12-36-60-84	Level girdle, meet C
E	22.45°	96-24-48-72	Meet A, B, D
T	0.00°	Table	Meet, D, E

Suitable for RI 1.50-1.60

