

Super Emerald ECED

Computed by John Bailey, 2019

Angles for R.I. = 1.540

41 + 8 girdles = 49 facets

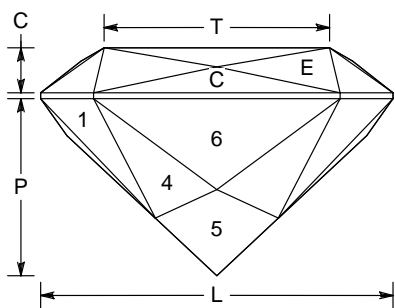
2-fold, mirror-image symmetry

96 index

L/W = 1.400 T/W = 0.896 U/W = 0.484

P/W = 0.702 C/W = 0.178

Vol./W³ = 0.562



PAVILION

G1	90.00°	96-48	Calibrate width
G2	90.00°	12-24-36-60-72-84	Calibrate length; ECED corners
1	53.20°	12-36-60-84	Locate Girdle
2	54.50°	24-72	Even Girdle
3	46.00°	22-26-70-74	Meet 1, 2, Girdle
4	57.80°	03-45-51-93	Meet 1, G1, G2
5	43.00°	96-24-48-72	Meet 2, 4
6	69.60°	96-48	Even Girdle; Meet 3, 5

CROWN

A	40.00°	12-36-60-84	Set Girdle thickness
B	38.00°	24-72	Even Girdle
C	41.00°	96-48	Even Girdle
D	35.00°	23-25-71-73	Meet A, B, Girdle
E	34.40°	01-47-49-95	Meet A, C, Girdle
F	30.00°	24-72	Meet B, D
T	0.00°	Table	Meet A, D, E, F
G	28.40°	96-48	Meet A, D, E, F, T

Exact 1.4 L/W ECED derived from Long&Steele 04.040

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