

Simple Sapphire Snowflake

by John Bailey, 2016

Angles for R.I. = 1.760

55 + 6 girdles = 61 facets

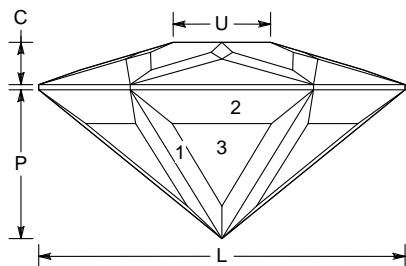
6-fold, mirror-image symmetry

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$L/W = 1.155$ $T/W = 0.354$ $U/W = 0.307$

$P/W = 0.468$ $C/W = 0.133$

$Vol./W^3 = 0.218$



PAVILION

1	40.00°	04-12-20-28-36-44- 52-60-68-76-84-92	CPP
G	90.00°	96-16-32-48-64-80	Calibrate Size
2	48.00°	96-16-32-48-64-80	Meet 1, Girdle
3	43.00°	96-16-32-48-64-80	Make 1 parallel lines & even with 2

CROWN

A	28.00°	96-16-32-48-64-80	Set Girdle width
B	20.00°	04-12-20-28-36-44- 52-60-68-76-84-92	Meet 1, Girdle
C	17.00°	96-16-32-48-64-80	Meet A, B
D	16.50°	08-24-40-56-72-88	Make lines of B parallel
T	0.00°	Table	

E:\Dvue2\TestStones\SimpleSapphireSnowflake.gem