

Tangle 2

Loren Brown, RSA Gems 2019

Angles for R.I. = 1.690

53 + 8 girdles = 61 facets

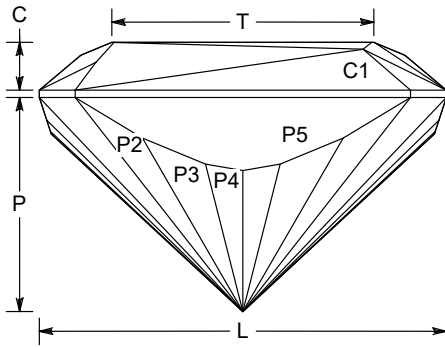
2-fold, mirror-image symmetry

96 index

L/W = 1.357 T/W = 0.873 U/W = 0.551

P/W = 0.713 C/W = 0.159

Vol./W³ = 0.553



PAVILION

P1	43.58°	12-36-60-84	cut to CP
P2	45.00°	08-40-56-88	meet at CP
G1	90.00°	12-36-60-84	establish girdle and size stone
P3	46.08°	05-43-53-91	meet at CP
P4	46.29°	02-46-50-94	meet at CP
P5	78.98°	96-48	meet P1, G1
G2	90.00°	96-48	level girdle
P6	42.53°	17-31-65-79	meet at CP and P1 @ girdle
P7	42.74°	21-27-69-75	meet at CP
P8	42.83°	23-25-71-73	meet at CP
P9	71.91°	24-72	meet P1, G1
G3	90.00°	24-72	level girdle

CROWN

C1	45.00°	96-48	level girdle
C2	34.42°	47-95	meet C1, G1, G2
C3	40.00°	24-72	level girdle
C4	32.76°	23-71	meet C3, G1, G3
C5	33.22°	12-36-60-84	meet C1, C2
C6	14.39°	96-48	meet C1, C2, C5
C7	22.47°	24-72	meet C3, C4, C5
C8	31.81°	13-35-61-83	meet C5, G1, G3
T	0.00°	Table	meet C6, C7, C8 and C2, C7, C8

Written for tanzanite. High brilliance, interesting reflections.

C:\Users\Loren Brown\Documents\Rectangles\Tangle 2.gem