

TatITael - SWL

Angles for R.I. = 1.540

65 + 8 girdles = 73 facets

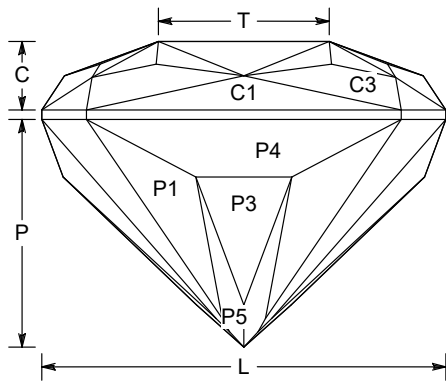
4-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.423$ $U/W = 0.423$

$P/W = 0.562$ $C/W = 0.169$

$Vol./W^3 = 0.341$



PAVILION

P1	43.00°	06-18-30-42- 54-66-78-90	Create Centerpoint
P2	42.17°	12-36-60-84	Meet Centerpoint
G1	90.00°	96-24-48-72	Size it up
G3	90.00°	12-36-60-84	Level it
P3	43.72°	96-24-48-72	Meet the Centerpoint
P4	69.63°	96-24-48-72	Meet P2
P5	42.30°	03-21-27-45- 51-69-75-93	Meet P4

CROWN

C1	56.52°	96-24-48-72	Set G1 thickness
C2	39.48°	12-36-60-84	Level it
C3	32.87°	03-21-27-45- 51-69-75-93	Meet girdle
C4	22.46°	06-18-30-42- 54-66-78-90	Meet C2
C5	21.20°	01-23-25-47- 49-71-73-95	Meet C1 (Cuts fast!)
C6	20.00°	96-24-48-72	Meet C1 (Cuts even faster!)
T	0.00°	Table	Meet C4 and C5

Works in anything from Quartz to Moissanite! As you pump up the RI the head shadow diminishes.

C:\Users\Scott\Desktop\Gemology\Gem_Designs\X_My Designs\Finished Designs\TatITael\TatITael.gem