

Ruination

by Arya Akhavan (February 2015)

Angles for R.I. = 1.540

34 + 12 girdles = 46 facets

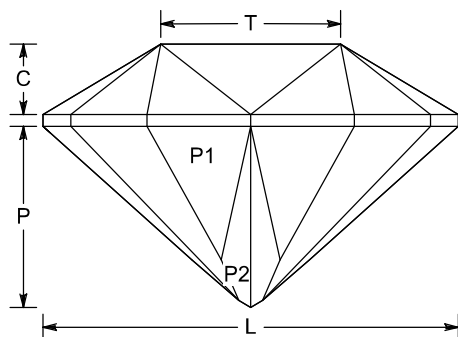
3-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.433$ $U/W = 0.375$

$P/W = 0.436$ $C/W = 0.170$

$Vol./W^3 = 0.198$



PAVILION

P1 42.83° 04-12-20-28-36-44-52-60-68-76-84-92 Cut to centerpoint.

G1 90.00° 04-12-20-28-36-44-52-60-68-76-84-92 Set stone size.

P2 41.33° 02-30-34-62-66-94 Meet P1, G1

CROWN

C1 29.03° 04-28-36-60-68-92 Set girdle width.

C2 35.14° 12-20-44-52-76-84 Level girdle.

C3 24.38° 96-32-64 Meet G1, C1; C1, C2

T 0.00° Table Meet C1, C2, C3

Here's the simplest possible iteration of the "Temple Ruins" series of designs. It may be a simple round with what technically qualifies as a triangle checkerboard crown...but it performs extremely well in small and large rough, and is a very easy and fast stone to cut. Works in materials from quartz to rutile (RI = 1.54 - 2.62) with no changes, but does really well in smaller Montana sapphires or Tunduru gravel.

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