

Clamshell Hexagon

Loren Brown, RSA Gems (c) 2018

Angles for R.I. = 1.760

49 + 6 girdles = 55 facets

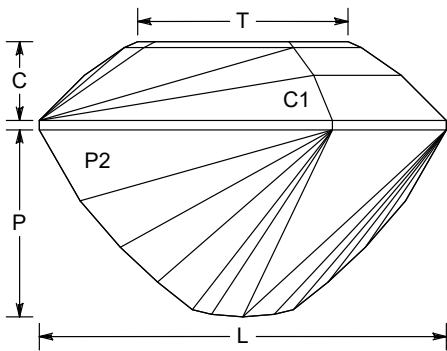
2-fold radial symmetry

96 index

L/W = 1.000 T/W = 0.516 U/W = 0.516

P/W = 0.458 C/W = 0.193

Vol./W³ = 0.308



PAVILION

	90.00°	96-24-48-72
	90.00°	36-84
P1	42.00°	36-84
P2	60.00°	96-24-48-72
P3	51.02°	25-47-73-95
P4	47.31°	26-46-74-94
P5	45.33°	27-45-75-93
P6	41.19°	33-39-81-87
P7	41.34°	35-37-83-85

CROWN

C1	45.00°	96-24-48-72
C2	45.00°	12-60
C3	35.61°	47-95
C4	33.00°	12-60
C5	35.61°	25-73
C6	31.74°	46-94
C7	25.00°	12-60
C8	31.74°	26-74
T	0.00°	Table
C9	25.00°	26-46-74-94

You can rotate the design 12 notches clockwise for easier cutting, but GemCAD won't display it well (but the settings will be ok).

C:\Users\Loren Brown\Documents\Hex and Oct\LongHex.gem