

US00D431492S Precious Stone

By Ronny Wagemans for Diamwag (Belgium), expired US patent design, Oct

Angles for R.I. = 2.160

81 + 16 girdles = 97 facets

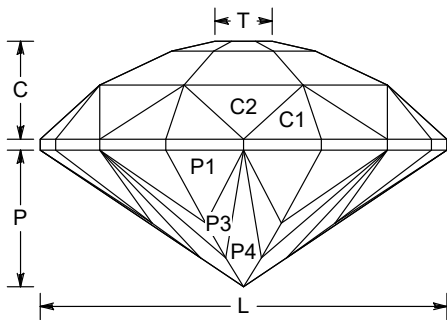
8-fold, mirror-image symmetry

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$L/W = 1.000$ $T/W = 0.141$ $U/W = 0.141$

$P/W = 0.336$ $C/W = 0.241$

$Vol./W^3 = 0.208$



PAVILION

P1	35.47°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to TCP
P2	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Establish width
P3	34.53°	02-10-14-22-26-34-38-46-50-58-62-70-74-82-86-94	Meet P1, P2
P4	33.91°	96-12-24-36-48-60-72-84	Meet P1, P2, P3

CROWN

C1	49.13°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Establish girdle width
C2	42.24°	96-12-24-36-48-60-72-84	Meet P2, C1
C3	25.27°	96-12-24-36-48-60-72-84	Meet C1, C2
C4	12.88°	96-12-24-36-48-60-72-84	No meet. Cut to design
T	0.00°	Table	No meet. Cut to design

Diamond design, angles for CZ. Patent period (14 years) has expired. Note: Small table added.

Design has been optimised with a shallow pavilion and high (domed) crown for effect.

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