

# PC 13.067D Trilliant C

Robert W. Strickland 15 July 2014  
 Adapted from 13.067 by Watermeyer/Steele  
 For gemcad.blogspot.com

## Facet Data

Pavilion facets	18	Pavilion tiers	3
Girdle facets	12	Girdle tiers	2
Crown facets	27+1	Crown tiers	5+1
<b>Total facets</b>	<b>58</b>	<b>Total tiers</b>	<b>11</b>

## Size Data

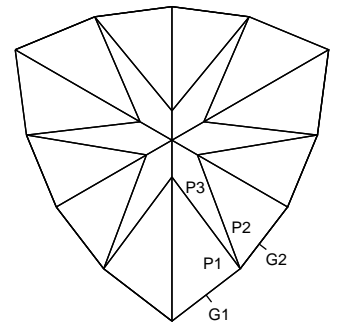
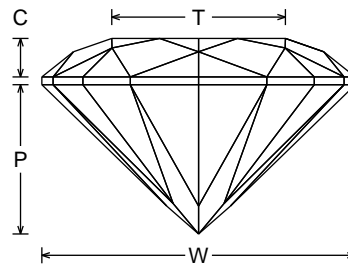
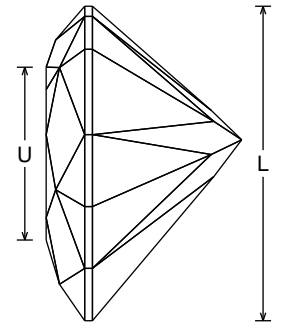
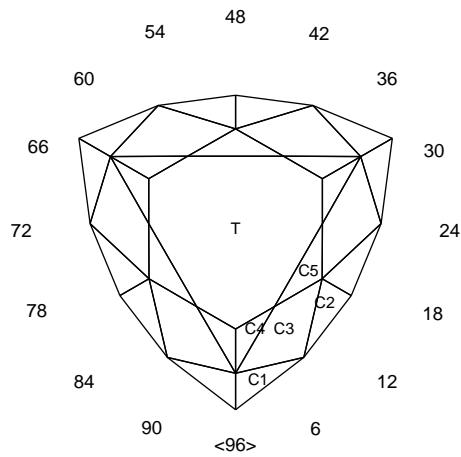
L/W	1.003	P/W	0.476
T/W	0.554	C/W	0.123
U/W	0.551	H/W	0.624
V/W <sup>3</sup>	0.186	P/C	3.877

## Design Data

Angles for R.I.	1.54
Symmetry	3-fold, mirror
Index gear	96

## Comments

Missing steps 5 and C in sequence part of a heart study.  
 Angles work as-is for RI from 1.54 to 2.13.  
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## Pavilion

P1	46.70	10-22-42-54-74-86	TCP
P2	49.00	14-18-46-50-78-82	TCP
G1	90.00	10-22-42-54-74-86	come to level point at every other facet
G2	90.00	14-18-46-50-78-82	level rest of girdle
P3	47.00	12-20-44-52-76-84	cut final center point, barely touch girdle

## Crown

C1	41.00	10-22-42-54-74-86	create level girdle
C2	41.00	14-18-46-50-78-82	finish leveling girdle
C3	34.20	12-20-44-52-76-84	meet at C1/C2/girdle
C4	19.20	08-24-40-56-72-88	Meet C1/C3
C5	19.20	16-48-80	Meet C2/C3
T	0.00	Table	Meet C4/C5 stars