

Teca 12

by John Bailey, 2006

Angles for R.I. = 1.760

52 + 12 girdles = 64 facets

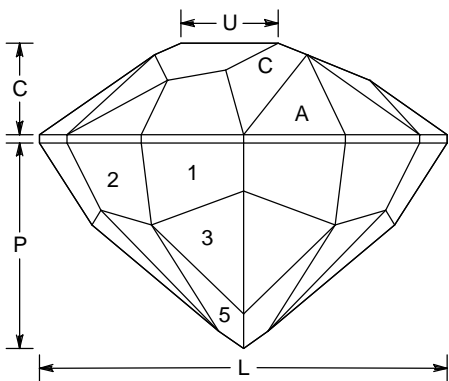
3-fold radial symmetry

96 index

L/W = 1.000 T/W = 0.264 U/W = 0.238

P/W = 0.506 C/W = 0.224

Vol./W³ = 0.250



PAVILION

G1	90.00°	04-12-20-28-36-44-52-60-68-76-84-92	Preform 12 sides
1	56.00°	04-28-36-60-68-92	Locate Girdle
2	60.80°	12-20-44-52-76-84	Even Girdle
3	43.50°	02-30-34-62-66-94	2/3 to 3/4 between Girdle and Culet
4	42.00°	14-18-46-50-78-82	Meet 1, 2, 3
5	42.00°	03-29-35-61-67-93	Meet 1, 2, 3, 4

CROWN

A	34.50°	04-28-36-60-68-92	Set girdle thickness
B	37.30°	12-20-44-52-76-84	Even Girdle
C	32.00°	02-34-66	Meet A, Girdle
D	34.20°	18-50-82	Meet B, Girdle
E	21.60°	25-57-89	Meet A, B, D
T	0.00°	Table	Meet C, E

COS Brightness = 71.1 @ 1.76

E:\Dvue2\MyGems\Teca12.gem