

Square CAM

From Watermeyer's Original
CAM & Sequence by John Bailey, 2008

Angles for R.I. = 1.540

53 + 8 girdles = 61 facets

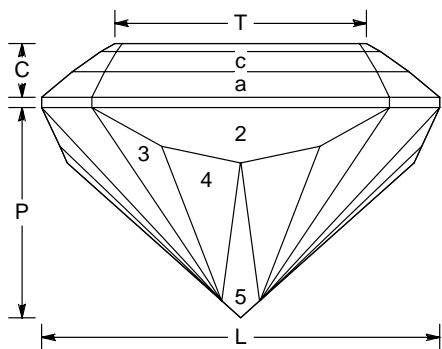
4-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.633$ $U/W = 0.633$

$P/W = 0.528$ $C/W = 0.135$

$Vol./W^3 = 0.313$



PAVILION

1	41.40°	12-36-60-84	CTP
G1	90.00°	96-24-48-72	Calibrate Size
G2	90.00°	12-36-60-84	Meet 1, 2, G1
2	65.00°	96-24-48-72	Meet 1, G1, G2
3	41.80°	06-18-30-42- 54-66-78-90	Preform CAM @ 42 Meet Culet
4	42.50°	02-22-26-46- 50-70-74-94	Meet 1, 3
5	41.80°	96-24-48-72	Meet 1, 3, 4 and 2, 4

CROWN

a	40.00°	96-24-48-72	Set Girdle width
b	40.00°	12-36-60-84	Even Girdle
c	35.00°	96-24-48-72	Step
d	35.00°	12-36-60-84	even step
d	30.00°	96-24-48-72	step
e	30.00°	12-36-60-84	even step
T	0.00°	Table	

COS = 75.1

CAM = Face #1 @41.4 with Face #3 @ 42 degrees

E:\Dvue2\MyGems\SquareCAM.gem