

USFG SCC 2020 - Master

"OMNI Egg Brilliant", by Robert W. Strickland

Facet Data

Pavilion facets	38	Pavilion tiers	13
Girdle facets	16	Girdle tiers	8
Crown facets	32+1	Crown tiers	17+1
Total facets	87	Total tiers	39

Size Data

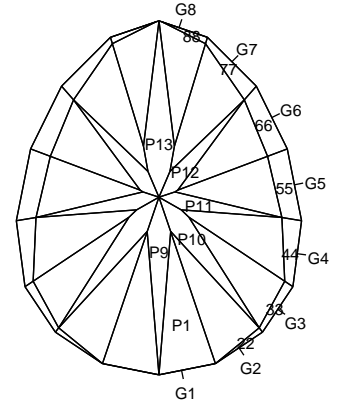
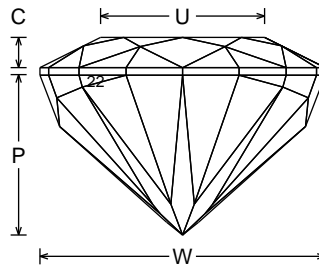
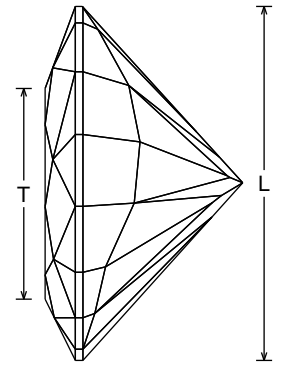
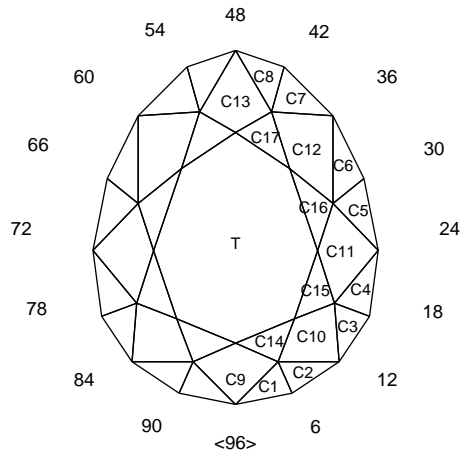
L/W	1.241	P/W	0.562
H/W	0.693	C/W	0.106
T/W	0.739	U/W	0.575
V/W ³	0.299	P/C	5.304

Design Data

Angles for R.I.	1.76
Symmetry	1-fold, mirror
Index gear	96

Comments

Material: corundum, synthetic, any colour
 Width: 10mm, +/- 0.1mm
 Girdle: 0.5mm, +/- 0.1mm



Pavilion

P1	43.00	03-07-13-17-26-33-41-46-50-55-63-70-79-83-89-93	Cut to centerpoint.
G1	90.00	03-93	Establish girdle outline.
G2	90.00	09-87	Meet P1, G1
G3	90.00	15-81	Meet P1, G2
G4	90.00	22-74	Meet P1, G3
G5	90.00	27-69	Meet P1, G4
G6	90.00	31-65	Meet P1, G5
G7	90.00	36-60	Meet P1, G6
G8	90.00	43-53	Meet P1, G7
22	65.46	09-87	Level girdle.
33	66.57	15-81	Level girdle.
44	68.76	22-74	Level girdle.
55	70.00	27-69	Level girdle.
66	69.84	31-65	Level girdle.
77	68.37	36-60	Level girdle.
88	65.80	43-53	Level girdle.
P9	41.98	96	Meet P1, G1
P10	41.94	10-86	Meet P1, P2, P3
P11	41.07	21-75	Meet P1, P4, P5; culet
P12	41.36	37-59	Meet P1, P6, P7; culet
P13	42.29	48	Meet P1, G8, P8; culet

Crown

C1	32.10	03-93	Set girdle width.
C2	31.83	09-87	Level girdle.

C3	30.91	15-81	Level girdle.
C4	30.88	22-74	Level girdle.
C5	32.63	27-69	Level girdle.
C6	30.17	31-65	Level girdle.
C7	29.09	36-60	Level girdle.
C8	25.90	43-53	Level girdle.
C13	20.23	48	Meet G8, C8; C7, C8, C12
C12	24.83	33-63	Meet G6, G7, C6, C7; C5, C6, C11
C11	26.50	24-72	Meet G4, G5, C4, C5; C3, C4, C10
C10	26.00	12-84	Meet G2, G3, C2, C3; C1, C2, C9
C9	26.27	96	Meet G1, C1
C14	15.34	06-90	Meet C1, C2, C9, C10
C15	14.36	19-77	Meet C3, C4, C10, C11
C16	14.47	29-67	Meet C5, C6, C11, C12
C17	11.57	39-57	Meet C7, C8, C12, C13
T	0.00	Table	Meet 5x unique crown meets.