

2023 USFG Pre-Master Brilliant Emerald 1.54

Facet Data

Pavilion facets	22	Pavilion tiers	3
Girdle facets	8	Girdle tiers	3
Crown facets	20+1	Crown tiers	7+1
Total facets	51	Total tiers	14

Size Data

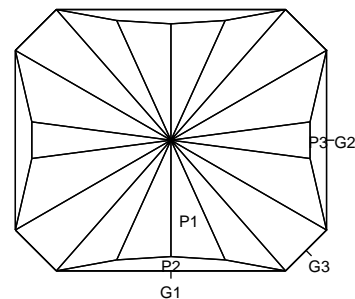
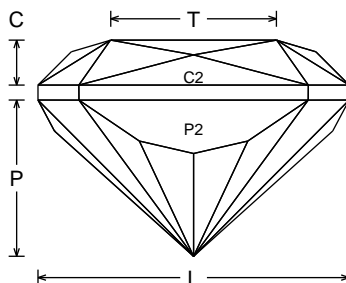
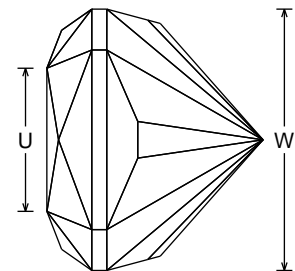
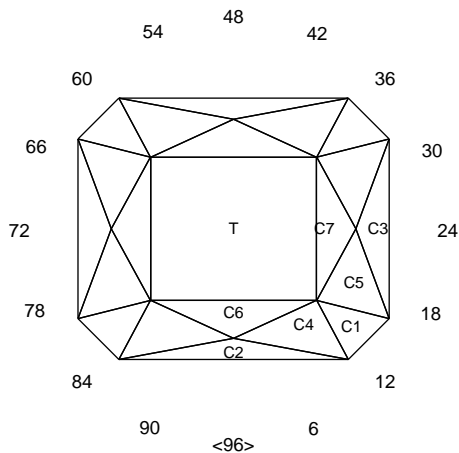
L/W	1.191	P/W	0.598
H/W	0.827	C/W	0.172
V/W^3	0.461	P/C	3.475

Design Data

Angles for R.I.	1.54
Symmetry	2-fold, mirror
Index gear	96

Comments

Stone Size (W) is 10 mm +/- 0.2 mm
 Girdle Width is .5 mm +/- 0.2 mm
 Material is Spinel (can be synthetic)



Pavilion

P1	42.00	03-10-12-20-24-28-36-38-45-51-58-60-68-72-76-84-86-93	Cut to Center Point
G1	90.00	96-48	Set Width
G2	90.00	24-72	Set Length
G3	90.00	12-36-60-84	Level Girdle
P2	75.00	96-48	Meet Girdle
P3	62.00	24-72	Meet Girdle

Crown

C1	35.00	12-36-60-84	Set Girdle Size
C2	55.00	96-48	Level Girdle
C3	45.00	24-72	Level Girdle
C4	35.00	03-45-51-93	
C5	31.00	20-28-68-76	
C6	21.25	96-48	
C7	16.47	24-72	
T	0.00	Table	