

# Elephant Version 2

Andrew Brown - June 2020

## Facet Data

Pavilion facets	25	Pavilion tiers	3
Girdle facets	25	Girdle tiers	3
Crown facets	83+1	Crown tiers	44+1
<b>Total facets</b>	<b>134</b>	<b>Total tiers</b>	<b>51</b>

## Size Data

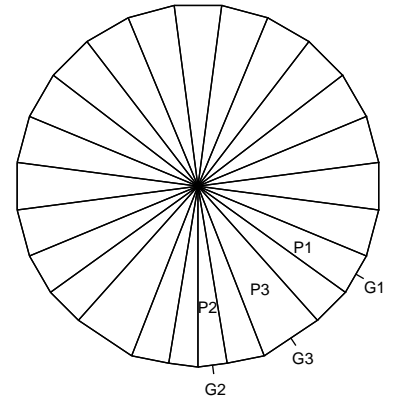
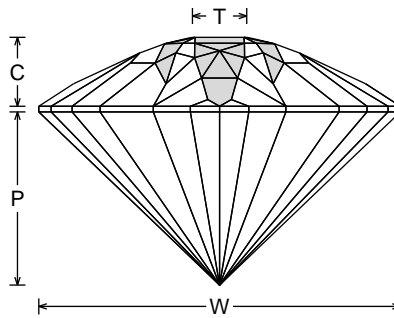
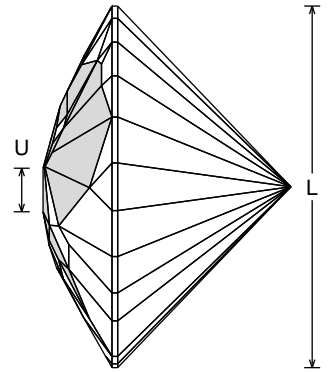
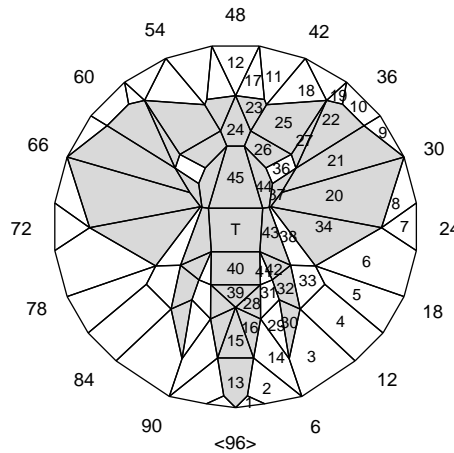
L/W	1.000	P/W	0.479
T/W	0.150	C/W	0.191
U/W	0.120	H/W	0.685
V/W^3	0.205	P/C	2.512

## Design Data

R.I. range	1.54 - 1.61
Size range	12 - 30 mm
Symmetry	1-fold, mirror
Index gear	96

## Comments

I created this design for a request but have not cut myself. Cut in medium to dark color saturated rough so the frosting isn't overpowered. Use the large diagram to choose your own cutting sequence. I am fairly sure it will meet point.



## Pavilion

P1	43.77	16-20-24-28-32-36-40-44-48-52-56-60-64-68-72-76-80	Form FCP
P2	44.00	02-03-12-84-93-94	Meet FCP
P3	44.23	09-87	Meet FCP
G1	90.00	16-20-24-28-32-36-40-44-48-52-56-60-64-68-72-76-80	Establish stone size. Establish a level girdle
G2	90.00	02-03-12-84-93-94	Maintain a level girdle
G3	90.00	09-87	Maintain a level girdle

## Crown

1	33.42	02-94
2	30.90	03-93
3	30.43	09-87
4	29.80	12-84
5	30.07	16-80
6	29.68	20-76
7	32.92	24-72
8	29.39	28-68
9	28.91	32-64
10	29.60	36-40-56-60
11	29.01	44-52
12	29.34	48
13	29.59	96
14	29.61	04-92

## Crown continued

15	28.42	96
16	27.92	01-95
17	28.07	46-50
18	27.36	41-55
19	28.58	37-59
20	25.24	30-66
21	25.45	31-65
22	25.92	36-60
23	26.96	46-50
24	25.45	48
25	25.00	40-56
26	23.87	40-56
27	25.03	38-58
28	23.27	03-93
29	28.33	07-89
30	28.86	08-88
31	24.51	06-90
32	26.14	11-85
33	27.04	12-84
34	23.04	27-69
36	23.07	39-57
37	22.14	37-59
38	20.58	26-70
39	18.25	96
40	10.14	96
41	10.88	06-90
42	11.65	12-84
43	11.55	23-73
44	19.70	41-55
45	15.34	48
T	0.00	Table