

USFG SCC 2020 - Grand Master

"Barion Heart - Transplant", by Shifter55

Facet Data

Pavilion facets	53	Pavilion tiers	15
Girdle facets	17	Girdle tiers	9
Crown facets	35+1	Crown tiers	19+1
Total facets	106	Total tiers	44

Size Data

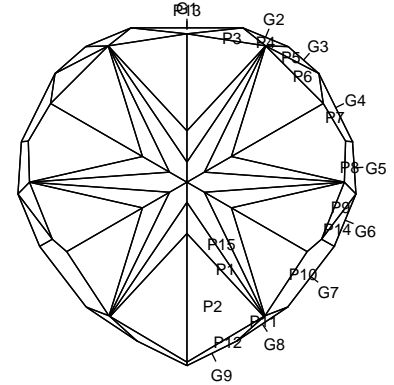
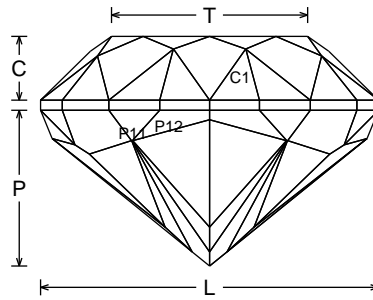
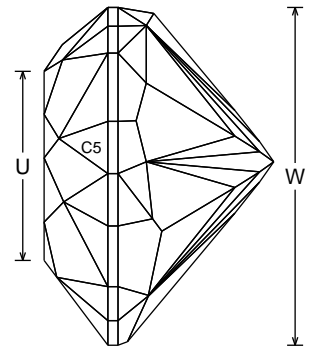
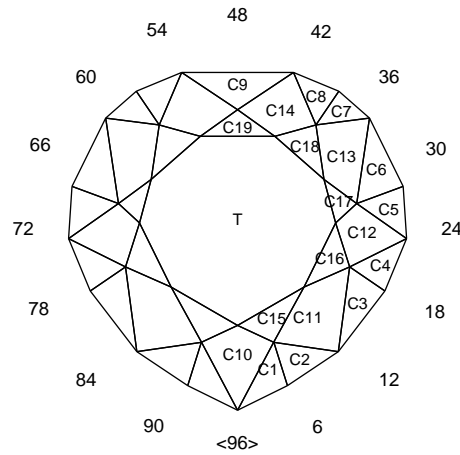
L/W	1.001	P/W	0.461
H/W	0.680	C/W	0.189
T/W	0.580	U/W	0.560
V/W ³	0.257	P/C	2.443

Design Data

Angles for R.I.	2.16
Symmetry	1-fold, mirror
Index gear	96

Comments

Material: cubic zirconia, synthetic, any colour
 Width: 12mm, +/- 0.1mm
 Girdle: 0.5mm, +/- 0.1mm



Pavilion

P1	39.95	05-11-21-27-37-43-53-59-69-75-85-91	Cut to centerpoint.
P2	40.85	04-12-20-28-36-44-52-60-68-76-84-92	Establish stone size.
P3	64.91	45-51	Meet P1, P2
P4	74.32	42-54	Meet P1, P2, P3
P5	63.17	37-59	Meet P1, P2, P3, P4
P6	57.41	36-60	Meet P1, P2, P3, P4, P5
P7	71.81	31-65	Meet P2, P6
P8	69.14	25-71	Meet P1, P2
P9	62.45	19-77	Meet P1, P2, P8
P10	67.34	14-82	Meet P1, P2
P11	80.00	09-87	Meet P1, P2, P10
P12	71.64	07-89	Meet P1, P2, P10, P11
P13	80.52	48	Meet P2, P3
P14	67.28	18-78	Meet P2, P9, P10
G1	90.00	48	Level girdle.
G2	90.00	42-54	Level girdle.
G3	90.00	37-59	Level girdle.
G4	90.00	31-65	Level girdle.
G5	90.00	25-71	Level girdle.
G6	90.00	18-78	Level girdle.
G7	90.00	14-82	Level girdle.
G8	90.00	09-87	Level girdle.
G9	90.00	07-89	Level girdle.
P15	39.00	08-24-40-56-72-88	Meet P1,P2. Carefully rub in when prepolishing.

Crown

C1	48.63	07-89	Establish girdle width
C2	49.46	09-87	Level girdle.
C3	46.03	14-82	Level girdle.
C4	46.60	18-78	Level girdle.
C5	45.87	25-71	Level girdle.
C6	44.82	31-65	Level girdle.
C7	48.24	37-59	Level girdle.
C8	48.62	42-54	Level girdle.
C9	50.77	48	Level girdle.
C10	36.94	96	Meet G9, C1
C11	43.00	13-83	Meet G7, G8, C2, C3; C1, C2, C10
C12	41.28	21-75	Meet G5, G6, C4, C5; C3, C4, C11
C13	42.30	32-64	Meet G3, G4, C6, C7; C5, C6, C12
C14	43.88	45-51	Meet G1, G2, C8, C9; C7, C8, C13
C15	21.20	08-88	Meet C1, C2, C10, C11
C16	31.47	17-79	Meet C3, C4, C11, C12
C17	30.27	28-68	Meet C5, C6, C12, C13
C18	27.36	37-59	Meet C7, C8, C13, C14
C19	34.25	48	Meet C9, C14
T	0.00	Table	Meet C10, C15; C11, C15, C16; C12, C16, C17; C13, C17, C18; C14, C18, C19