

USFG SCC 2020 - Pre-Master

"Fancy Hexagonal Brilliant", by Jim Perkins

Facet Data

Pavilion facets	24	Pavilion tiers	2
Girdle facets	12	Girdle tiers	1
Crown facets	24+1	Crown tiers	3+1
Total facets	61	Total tiers	7

Size Data

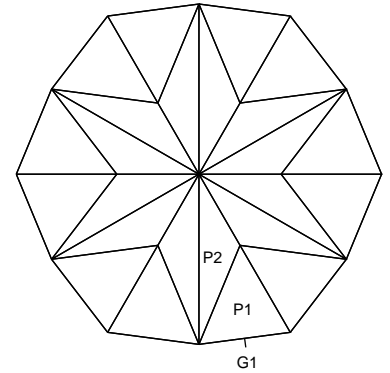
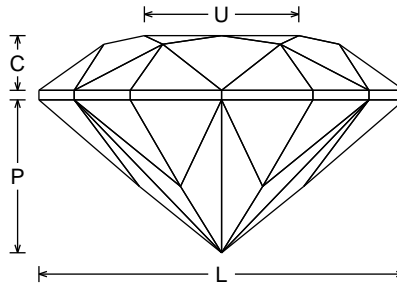
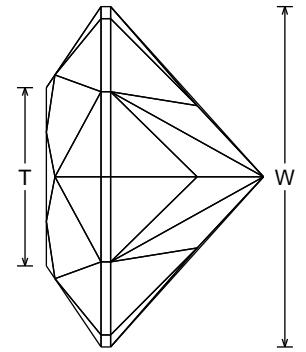
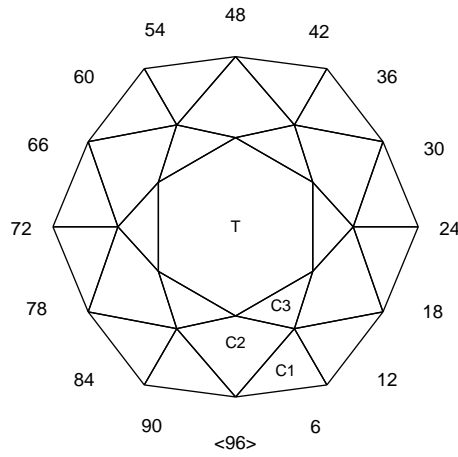
L/W	1.073	P/W	0.449
H/W	0.638	C/W	0.161
T/W	0.524	U/W	0.454
V/W ³	0.225	P/C	2.797

Design Data

Angles for R.I.	1.54
Symmetry	6-fold, mirror
Index gear	96

Comments

Material: quartz, natural or synthetic, any colour
 Width: 12mm, +/- 0.2mm
 Girdle: 0.5mm, +/- 0.2mm



Pavilion

P1	43.00	02-14-18-30-34-46-50-62-66-78-82-94	Cut to centerpoint.
G1	90.00	02-14-18-30-34-46-50-62-66-78-82-94	Set stone size. Width = 12mm, +/- 0.2mm
P2	42.00	01-15-17-31-33-47-49-63-65-79-81-95	Meet P1, G1

Crown

C1	37.50	02-14-18-30-34-46-50-62-66-78-82-94	Set girdle width. Girdle = 0.5mm, +/- 0.2mm
C2	34.00	96-16-32-48-64-80	Meet G1, C1
C3	12.00	08-24-40-56-72-88	Meet C1, C2
T	0.00	Table	Meet C2, C3