

# USFG SSC 2021 - Master

NMFG Attaway Old Mine by Steve and Nancy Attaway  
 Revisions by Arya Akhavan, Jeff Theesfeld, Tom Mitchell

## Facet Data

Pavilion facets	48	Pavilion tiers	6
Girdle facets	8	Girdle tiers	1
Crown facets	32+1	Crown tiers	4+1
Total facets	89	Total tiers	12

## Size Data

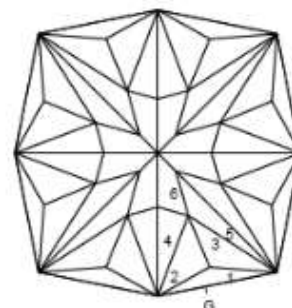
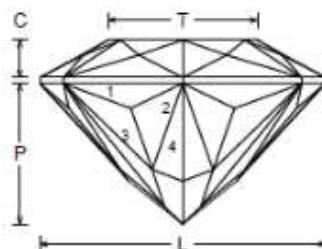
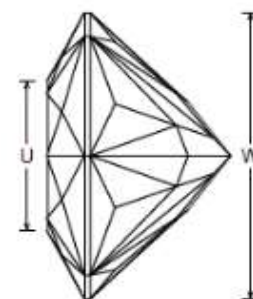
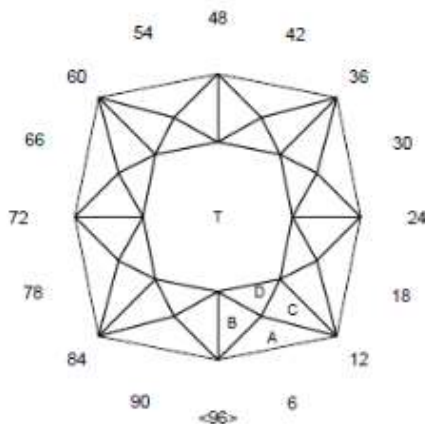
L/W	1.000	P/W	0.492
T/W	0.523	C/W	0.131
U/W	0.523	H/W	0.644
V/W*3	0.240	P/C	3.755

## Design Data

Angles for R.I.	1.61
Symmetry	4-fold, mirror
Index gear	96

## Comments

Material to Cut: Topaz  
 Stone Width: 12 mm +/- 0.1 mm  
 Girdle Thickness: 0.5 mm +/- 0.1 mm



## Pavilion

1	53.77	03-21-27-45-51-69-75-93	Cut to TCP
G	90.00	03-21-27-45-51-69-75-93	Establish size and create level girdle
2	48.67	02-22-26-46-50-70-74-94	Meet 1 at Girdle
3	47.91	04-20-28-44-52-68-76-92	Meet 1 at Girdle
4	47.74	01-23-25-47-49-71-73-95	Meet 1, 2 at Girdle
5	41.02	10-14-34-38-58-62-82-86	Meet 1, 4 at Girdle
6	39.00	03-21-27-45-51-69-75-93	Cut to PCP, Meet 2, 3, 4, 5

## Crown

A	33.18	03-21-27-45-51-69-75-93	Establish girdle thickness, level girdle
B	28.84	01-23-25-47-49-71-73-95	Meet A at Girdle
C	27.45	05-19-29-43-53-67-77-91	Meet A at Girdle
D	24.79	03-21-27-45-51-69-75-93	Meet A, B, C
T	0.00	Table	Meet B, C, D