

Six Ray Brilliant Star - USFG SSC 2022 - Novice

Original angles modified for Quartz
 The W measurement is to be used for size specification not L
 this is to allow flat to flat measuring.

Facet Data

Pavilion facets	18	Pavilion tiers	2
Girdle facets	6	Girdle tiers	1
Crown facets	18+1	Crown tiers	2+1
Total facets	43	Total tiers	6

Size Data

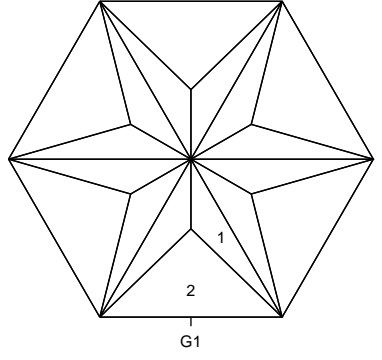
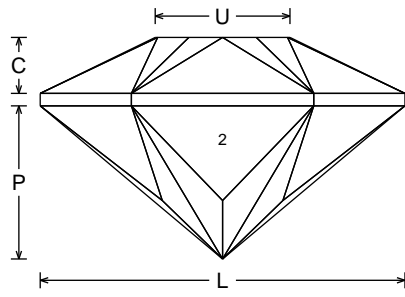
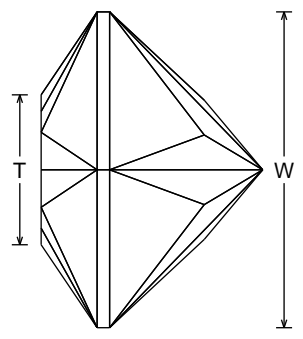
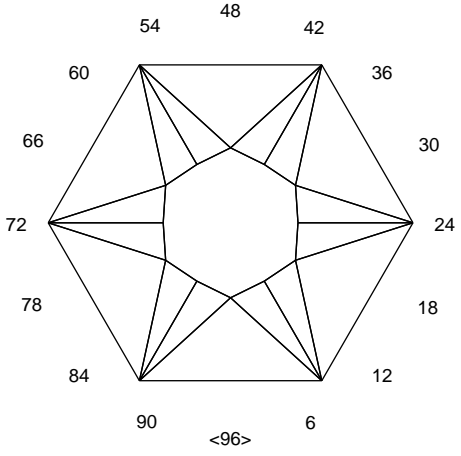
L/W	1.155	P/W	0.485
H/W	0.702	C/W	0.177
V/W^3	0.267	P/C	2.736

Design Data

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

Comments

Stone size (W) is 12 mm +/- 0.3 mm
 Girdle width is 0.5mm +/- 0.3 mm
 Material is user's choice
 Design maybe tangent ratio adjusted to material selected



Pavilion

1	41.00	04-12-20-28-36-44-52-60-68-76-84-92	Cut to PCP
G1	90.00	96-16-32-48-64-80	Set size - Meet P1- P1 at defined indexes
2	46.99	96-16-32-48-64-80	Girdle meetpoint at G1, 1, 1

Crown

34.00	96-16-32-48-64-80
26.00	07-09-23-25-39-41-55-57-71-73-87-89
0.00	Table