



## Five Star Cut

by Robert W. Strickland 3/15/97

2019 SSC Master Design

Angles for R.I. = 1.540

76 + 10 girdles = 86 facets

5-fold, mirror-image symmetry

80 index

$L/W = 1.000$   $T/W = 0.381$   $U/W = 0.362$

$P/W = 0.427$   $C/W = 0.160$

$Vol./W^3 = 0.192$

### PAVILION

1	43.00°	02-14-18-30-34- 46-50-62-66-78
2	42.00°	80-16-32-48-64
G	90.00°	02-14-18-30-34- 46-50-62-66-78

### CROWN

A	59.71°	02-14-18-30-34- 46-50-62-66-78
B	52.23°	80-16-32-48-64
C	34.05°	05-11-21-27-37- 43-53-59-69-75
D	31.21°	08-24-40-56-72
E	27.26°	04-12-20-28-36- 44-52-60-68-76
F	23.64°	80-16-32-48-64
H	17.69°	04-12-20-28-36- 44-52-60-68-76
J	9.50°	08-24-40-56-72
T	0.00°	Table

Material to Cut: Lab Spinel

Width: 12.0 mm +/- 0.1 mm

Girdle: 0.3 mm +/- 0.1 mm

Special Note: Pay close attention to the width dimension on the diagram.

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