



### Six Main hilite Oval

by Robert W. Strickland 1/4/94

02.157 TFG Newsletter, Jul. 95, p.18

Based on Six Main Hilite 01.296

Angles for R.I. = 1.540

73 + 18 girdles = 91 facets

2-fold, mirror-image symmetry

96 index

L/W = 1.362 T/W = 0.811 U/W = 0.589

P/W = 0.588 C/W = 0.139

Vol./W<sup>3</sup> = 0.370

#### PAVILION

G1	90.00°	02-46-50-94	See CAM preform*
G2	90.00°	06-42-54-90	
G3	90.00°	11-37-59-85	
G4	90.00°	17-31-65-79	
G5	90.00°	24-72	
1	42.00°	02-14-18-30- 34-46-50-62- 66-78-82-94	
2	41.44°	24-72	
3	45.94°	17-31-65-79	
4	57.45°	11-37-59-85	
5	70.45°	06-42-54-90	
6	70.00°	02-46-50-94	
7	41.13°	96-48	
8	41.27°	16-32-64-80	

#### CROWN

A	90.00°	02-46-50-94	See CAM preform*
G2	90.00°	06-42-54-90	
G3	90.00°	11-37-59-85	
G4	90.00°	17-31-65-79	
G5	90.00°	24-72	
1	41.73°	02-46-50-94	
B	46.97°	06-42-54-90	
C	37.59°	11-37-59-85	
D	34.41°	17-31-65-79	
E	39.51°	24-72	
F	28.67°	14-34-62-82	
G	34.00°	96-48	
H	17.65°	03-45-51-93	
J	15.40°	09-39-57-87	
K	14.77°	19-29-67-77	
T	0.00°	Table	

\*CAM preform:

PF1 40.00 02-46-50-94 PF4 32.69 17-31-65-79

PF2 38.44 06-42-54-90 PF5 31.41 24-72

PF3 35.54 11-37-59-85 Level girdle using same indexes

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