

### Simple Heart

Jeff Graham - used with permission

2014 USFG Novice Stone

Angles for R.I. = 1.540

33 + 11 girdles = 44 facets

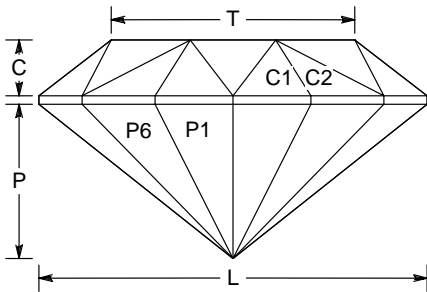
1-fold, mirror-image symmetry

96 index

$L/W = 1.088$   $T/W = 0.682$   $U/W = 0.498$

$P/W = 0.432$   $C/W = 0.157$

$Vol./W^3 = 0.217$



#### PAVILION

P1	42.32°	09-87	Cut to center point
P2	40.98°	44-52	Cut to center point
P3	39.21°	36-60	Cut to center point
P4	38.70°	26-70	Cut to center point
P5	41.53°	17-79	Cut to center point
P6	43.00°	11-85	Cut to center point
P7g	90.00°	09-87	Cut to meet P1
P8g	90.00°	11-85	Cut to meet P6
P9g	90.00°	17-79	Cut to meet P5
P10g	90.00°	26-70	Cut to meet P4
P11g	90.00°	36-60	Cut to meet P3
P12g	90.00°	48	Cut to meet P2
P13	63.55°	48	Cut to meet P12g

#### CROWN

C1	44.00°	09-87	Cut to meet girdle
C2	44.00°	11-85	Cut to meet girdle
C3	41.20°	17-79	Cut to meet girdle
C4	37.81°	26-70	Cut to meet girdle
C5	34.20°	36-60	Cut to meet girdle
C6	44.00°	48	Cut to meet girdle
C7	33.38°	46-50	Cut to meet girdle
C8	30.12°	32-64	Cut to meet girdle
C9	36.69°	14-82	Cut to meet girdle
C10	29.65°	96	Cut to meet girdle
C11	27.32°	48	Cut to meet C6, C7
T	0.00°	Table	Cut to meet C8-C11

Material - Cutters Choice - any color

Width - 10 - 12mm

Girdle - .3mm +/- .1mm

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