

**DART**

Stanoyev, Bill; 1993 NW/International Conference  
 Novice cut. First published for a "72" index high RI  
 in FACETS, Jul 86. This is RI=1.54 and 96 index.

Angles for R.I. = 1.540

37 + 12 girdles = 49 facets

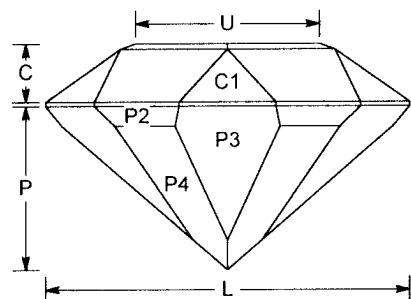
6-fold radial symmetry

96 index

L/W = 1.000 T/W = 0.585 U/W = 0.506

P/W = 0.450 C/W = 0.159

Vol./W<sup>3</sup> = 0.217



**PAVILION**

P1	90.00°	96-08-16-24-32-40-48-56-64-72-80-88
P2	50.60°	08-24-40-56-72-88
P3	43.30°	96-16-32-48-64-80
P4	41.00°	08-24-40-56-72-88

**CROWN**

C1	42.00°	96-16-32-48-64-80
C2	35.00°	08-24-40-56-72-88
C3	20.00°	08-24-40-56-72-88
C4	0.00°	Table

Note that the pavilion contains two groups of facets that have no meet points and thus must be positioned by eye. Symmetry of this placement is thus critical.

**DART** is the **NOVICE** design for the **USFG's YEAR 2000 SINGLE-STONE COMPETITION**.