

Amethyst Shield

12 main barion cushion triangle

by John Bailey, 2003

Angles for R.I. = 1.540

64 + 12 girdles = 76 facets

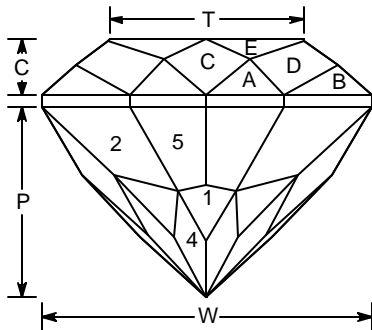
3-fold, mirror-image symmetry

96 index

LW = 1.007 TW = 0.591 UW = 0.570

PW = 0.579 CW = 0.170

Vol./W³ = 0.277



PAVILION

1	46.50°	96-08-16-24-32-40-48-56-64-72-80-88	CTP - 12-fold
G1	90.00°	06-26-38-58-70-90	Establish corners
2	65.60°	06-26-38-58-70-90	Fix girdle location
3	43.30°	12-20-44-52-76-84	Meet 1, 2 - CTP
4	43.00°	04-28-36-60-68-92	Meet 1, 2 and Culet
5	71.70°	02-30-34-62-66-94	Meet 1, 2, 4
G2	90.00°	02-30-34-62-66-94	Even girdle

CROWN

A	44.50°	02-30-34-62-66-94	Set girdle thickness
B	45.00°	06-26-38-58-70-90	Even girdle
C	40.30°	96-32-64	Meet A, G2
D	41.00°	05-27-37-59-69-91	Meet A, B, G1, G2
E	32.00°	03-29-35-61-67-93	Meet A, C, D
T	0.00°	Table	Meet C, E

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