



### Barion Bow

16-main barion cushion square

by John Bailey, 12/31/2002

Angles for R.I. = 1.540

81 + 16 girdles = 97 facets

4-fold, mirror-image symmetry

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$L/W = 1.000$   $T/W = 0.526$   $U/W = 0.526$

$P/W = 0.495$   $C/W = 0.224$

$Vol./W^3 = 0.306$

#### PAVILION

1	42.10°	96-06-12-18- 24-30-36-42- 48-54-60-66- 72-78-84-90	
G1	90.00°	12-36-60-84	Meet edges of #1 to set corners.
G2	90.00°	02-22-26-46- 50-70-74-94	Meet edges of #1.
G3	90.00°	96-24-48-72	Meet edges of #1.
2	57.90°	02-22-26-46- 50-70-74-94	
3	58.30°	96-24-48-72	
4	41.10°	09-15-33-39- 57-63-81-87	Meet 1, 2, girdle.
5	41.00°	03-21-27-45- 51-69-75-93	Meet 1, 2, 3.

#### CROWN

A	49.00°	96-24-48-72	
B	45.00°	02-22-26-46- 50-70-74-94	
C	44.00°	12-36-60-84	
E	40.00°	06-18-30-42- 54-66-78-90	
D	40.00°	96-24-48-72	Meet point of A.
T	0.00°	Table	
F	21.00°	07-17-31-41- 55-65-79-89	

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