



### Cut-corner Barion Cushion w/Round Table 2008

Designed by Wayne Emery, inspired by Long & Steele's Square Cushion Barion  
For RI 1.60 and up w/out changes

Angles for R.I. = 1.830

89 + 20 girdles = 109 facets

2-fold mirror-image symmetry

96 index

$L/W = 1.155$   $T/W = 0.754$   $U/W = 0.660$

$P/W = 0.536$   $C/W = 0.154$

$Vol./W^3 = 0.337$

### Pavilion

1	43.56	03-45-51-93
2	43.00	08-40-56-88
3	41.51	14-34-62-82
4	40.60	21-27-69-75
5	90.00	01-47-49-95
6	90.00	22-26-70-74
7	90.00	04-44-52-92
8	90.00	19-29-67-77
9	90.00	11-37-59-85
10	62.73	04-44-52-92
11	59.61	19-29-67-77
12	60.27	22-26-70-74
13	64.12	01-47-49-95
14	42.50	05-43-53-91
15	39.79	17-31-65-79
16	42.37	11-37-59-85

### Crown

A	50.01	01-47-49-95
B	40.62	22-26-70-74
C	44.98	04-44-52-92
D	42.67	19-29-67-77
E	47.61	11-37-59-85
F	41.95	03-45-51-93
G	37.76	21-27-69-75
H	19.81	10-38-58-86
I	19.39	13-35-61-83
J	0.00	Table
K	31.48	01-47-49-95
L	33.81	22-26-70-74

The cut corners allow for added brilliance, and the split stars create a more rounded table. These features combine to create a "softer" cushion shape which is also easier for jewelers to set in prongs. This is a real favorite with my clients.