48

54 42

60 36

66 30

72 J

I F C 24

U F C W

8 6 4 2

7

G HE 5 9

78 D B 18 B 3 10

A 11

84 12 1

90 6

<96>

<96>

T D

C A B

10 3

P 9

5

7

STANDARD

OBLONG STEP CUT

with Cut Corners

Angles for R.I. = 1.562

45 + 8 girdles = 53 facets

1. fold, mirror-image symmetry 96 index

L/W = 1.50 T/W = 1.055 U/W = 0.527

P/W = 0.613 C/W = 0.245

Vol./W³ = 0.720

L

PAVILION

* 1. 90.00° 96-48 Size to width
  2. 90.00° 24-72 Size to length
  3. 56.00° 96-48 Locate girdle
  4. 56.00° 24-72 Level girdle
  5. 49.00° 96-48 Cut as required

6 49.00° 24-72 Meet 1-2-3

7 42.00° 96-48 Cut as required

8 42.00° 24-72 Meet 3-4-5

9 49.00° 12-36-60-84 Meet 3-4-5-6

10 56.00° 12-36-60-84 Meet 1-3&2-4

11 90.00 12-36-60-84 Level girdle

CROWN

A 55.00° 96-48 Set girdle width

B 55.00° 12-36-60-84 Level girdle

1. 55.00° 24-72 Level girdle
2. 42.00° 96-48 Cut as required

E 42.00° 12-36-60-84 level 2nd step

F 42.00° 24-72 Level 2nd step Cut as required

|  |  |  |
| --- | --- | --- |
| G | 27.00° | 96-48 |
| H | 27.00° | 12-36-60-84 |
| I | 27.00° | 24-72 |
| J | 0.00° | Table |

Level 3rd step Level 3rd step

Cut as required to set 3rd step & table