48

54 42

60 36

66 30

72 C7

78 C5

C3

84 C1

90

<96>

<96>

24

C6 18

C4

C2

12

6

U W

C2

STANDARD SQUARE STEP CUT with Cut Corners

P4

P3 P5

P6 P2

P7

P1

T

C3 C

C1 C2

P6 P2

P P3

P4

Angles for R.I. = 1.610

45 + 8 girdles = 53 facets

4-fold, mirror-image symmetry 96 index

L/W = 1.000 T/W = 0.514 U/W = 0.514 P/W = 0.499 C/W = 0.204

Vol./W³ = 0.327

L

PAVILION

P1 90.00° 96-24-48-72

P2 50.00° 96-24-48-72

P3 45.00° 96-24-48-72

P4 40.00° 96-24-48-72

P5 45.00° 12-36-60-84

P6 50.00° 12-36-60-84

P7 90.00° 12-36-60-84 CROWN

C1 50.00° 96-24-48-72

|  |  |  |
| --- | --- | --- |
| C2 | 50.00° | 12-36-60-84 |
| C3 | 37.00° | 96-24-48-72 |
| C4 | 37.00° | 12-36-60-84 |
| C5 | 22.00° | 96-24-48-72 |
| C6 | 22.00° | 12-36-60-84 |
| C7 | 0.00° | Table |

# Set stone size Cut to TCP

Cut to width required Cut to width required Meet P3-P4

Meet P3-P1 Level girdle

Set girdle thickness Level girdle

Cut to width required Meet C1 C2

Cut to Width required Meet C3 C4

Cut to size required