60 48

72 C7

36

24 U W

C5 C4 C1

P6 C6

P1

C3 C2 C2 P3

P5

P4

84 <96>

<96>

T

C4

C C1 C3

C2

P5

P P1

P6

L

12 P2

DOUBLE SQUARE BARION

Authors Long & Steele Angles for R.I. = 2.160

65 + 8 girdles = 73 facets

4-fold, mirror-image symmetry 96 index

L/W = 1.000 T/W = 0.573 U/W = 0.573

P/W = 0.552 C/W = 0.247

Vol./W³ = 0.394

PAVILION

P1 42.39° 03-09-15-21- Form TCP

27-33-39-45-

CROWN

C1 65.00° 96-24-48-72 Set girdle thickness

C2 48.18° 12-36-60-84 Level girdle

|  |  |  |  |
| --- | --- | --- | --- |
| C3 | 43.50° | 07-17-31-41-  55-65-79-89 | Meet C1-C2 |
| C4 | 37.00° | 06-18-30-42- | Meet C1-C3 |
|  |  | 54-66-78-90 |  |
| C5 | 22.00° | 96-24-48-72 | Meet C1-C4 |
| C6 | 27.33° | 12-36-60-84 | Meet C2-C3-C4 |
| C7 | 0.00° | Table | Meet C5-C6 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | | 51-57-63-69- |  |
| 75-81-87-93 |
| P2 | 90.00° | 96-24-48-72 | Size stone |
| P3 | 43.12° | 12-36-60-84 | Cut 3/4 length |
| P4 | 90.00° | 12-36-60-84 | Level girdle |
| P5 | 63.42° | 96-24-48-72 | Meet P3 & Establish barion |
| P6 | 41.00° | 06-18-30-42- | Meet P5 & form PCP |
|  |  | 54-66-78-90 |  |