

Figure 1



Figure 2

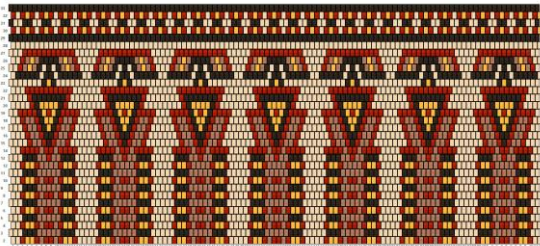


Figure 3

| | | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|-------|------|----------------|------|-------------|-----------------|--------------|-----------|-----------------|----------------|-------------------------|-------|-------|-------|--------|-------|-------------------|--------------|-------|-------|--------|-------|-------|---|---|---|---|---|
| | | % Open = 20.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Row # | Dia | Diff | OD | Board Width | Board Thickness | Total Pieces | Open Area | Cut Angle Deg's | Segment Length | Calculated Board Length | Wedge | Wedge | Wedge | Cherry | Wedge | Check Piece Count | Board Length | Wedge | Wedge | Cherry | Wedge | | | | | | |
| 1 | 0.00 | 0.13 | 0.13 | 1.7 | 0.75 | 24 | 0.000 | 7.50 | 0.678 | 19 | 24 | 28 | 42 | 14 | 28 | 24 | 19 | 19.05 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 2 | 0.00 | 0.13 | 0.13 | 1.7 | 0.75 | 24 | 0.000 | 7.50 | 0.678 | 19 | 24 | 28 | 42 | 14 | 28 | 24 | 19 | 19.05 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 3 | 0.48 | 5.43 | 1 | 0.135 | 0.112 | 0.032 | 1.29 | 0.126 | 28 | 42 | 0 | 0 | 35 | 35 | 112 | 28 | 10.55 | 0.00 | 0.00 | 8.79 | 8.79 | | | | | | |
| 4 | 0.50 | 6.13 | 1 | 0.135 | 0.112 | 0.034 | 1.29 | 0.137 | 29 | 42 | 0 | 0 | 35 | 35 | 112 | 29 | 10.55 | 0.00 | 0.00 | 9.57 | 9.57 | | | | | | |
| 5 | 0.50 | 6.43 | 1 | 0.135 | 0.112 | 0.037 | 1.29 | 0.149 | 31 | 42 | 0 | 0 | 35 | 35 | 112 | 31 | 11.49 | 0.00 | 0.00 | 9.57 | 9.57 | | | | | | |
| 6 | 0.50 | 7.13 | 1 | 0.135 | 0.112 | 0.040 | 1.29 | 0.160 | 32 | 42 | 0 | 0 | 35 | 35 | 112 | 32 | 11.97 | 0.00 | 0.00 | 9.57 | 9.57 | | | | | | |
| 7 | 0.38 | 7.50 | 1 | 0.135 | 0.112 | 0.042 | 1.29 | 0.168 | 33 | 42 | 0 | 0 | 35 | 35 | 112 | 33 | 12.31 | 0.00 | 0.00 | 10.26 | 10.26 | | | | | | |
| 8 | 0.50 | 8.00 | 1 | 0.135 | 0.112 | 0.045 | 1.29 | 0.180 | 34 | 42 | 0 | 0 | 35 | 35 | 112 | 34 | 12.78 | 0.00 | 0.00 | 10.26 | 10.26 | | | | | | |
| 9 | 0.25 | 8.25 | 0.75 | 0.135 | 0.112 | 0.046 | 1.29 | 0.185 | 35 | 150 | 112 | 168 | 161 | 217 | 608 | 11" | 2.86 | 2.55 | 18.22 | 8.66 | 9.43 | | | | | | |
| 10 | 0.30 | 8.55 | 0.75 | 0.135 | 0.112 | 0.048 | 1.29 | 0.192 | 35 | 42 | 0 | 0 | 35 | 35 | 112 | 35 | 13.02 | 0.00 | 0.00 | 10.85 | 10.85 | | | | | | |
| 11 | 0.30 | 8.85 | 0.75 | 0.135 | 0.112 | 0.049 | 1.29 | 0.195 | 35 | 42 | 0 | 0 | 35 | 35 | 112 | 35 | 13.09 | 0.00 | 0.00 | 11.52 | 11.52 | | | | | | |
| 12 | 0.25 | 8.25 | 0.75 | 0.135 | 0.112 | 0.051 | 1.29 | 0.204 | 37 | 42 | 0 | 0 | 35 | 35 | 112 | 37 | 14.06 | 0.00 | 0.00 | 9.21 | 9.21 | | | | | | |
| 13 | 0.25 | 8.55 | 0.75 | 0.135 | 0.112 | 0.052 | 1.29 | 0.207 | 37 | 42 | 0 | 0 | 35 | 35 | 112 | 37 | 14.06 | 0.00 | 0.00 | 9.21 | 9.21 | | | | | | |
| 14 | 0.25 | 8.80 | 0.75 | 0.135 | 0.112 | 0.054 | 1.29 | 0.212 | 38 | 42 | 0 | 0 | 35 | 35 | 112 | 38 | 14.41 | 0.00 | 0.00 | 9.21 | 9.21 | | | | | | |
| 15 | 0.25 | 9.10 | 0.75 | 0.135 | 0.112 | 0.055 | 1.29 | 0.215 | 38 | 42 | 0 | 0 | 35 | 35 | 112 | 38 | 14.41 | 0.00 | 0.00 | 9.21 | 9.21 | | | | | | |
| 16 | 0.30 | 9.40 | 0.75 | 0.135 | 0.112 | 0.057 | 1.29 | 0.221 | 39 | 42 | 0 | 0 | 35 | 35 | 112 | 39 | 14.61 | 0.00 | 0.00 | 9.84 | 9.84 | | | | | | |
| 17 | 0.10 | 10.30 | 0.75 | 0.135 | 0.112 | 0.058 | 1.29 | 0.223 | 40 | 16 | 7 | 28 | 28 | 35 | 112 | 40 | 14.98 | 2.49 | 9.97 | 9.97 | 12.62 | | | | | | |
| 18 | 0.10 | 10.60 | 0.75 | 0.135 | 0.112 | 0.059 | 1.29 | 0.226 | 40 | 16 | 7 | 28 | 28 | 35 | 112 | 40 | 15.08 | 2.49 | 9.97 | 9.97 | 12.62 | | | | | | |
| 19 | 0.15 | 10.60 | 0.75 | 0.135 | 0.112 | 0.060 | 1.29 | 0.238 | 41 | 14 | 14 | 63 | 0 | 21 | 112 | 41 | 15.08 | 0.00 | 22.85 | 0.00 | 7.68 | | | | | | |
| 20 | 0.10 | 10.70 | 0.75 | 0.135 | 0.112 | 0.060 | 1.29 | 0.240 | 41 | 18 | 28 | 14 | 0 | 36 | 112 | 41 | 15.11 | 0.00 | 10.22 | 5.11 | 20.61 | | | | | | |
| 21 | 0.15 | 10.85 | 0.75 | 0.135 | 0.112 | 0.061 | 1.29 | 0.244 | 41 | 49 | 0 | 14 | 0 | 49 | 112 | 41 | 15.25 | 0.00 | 0.00 | 10.85 | 10.85 | | | | | | |
| 22 | 0.15 | 11.00 | 0.75 | 0.135 | 0.112 | 0.062 | 1.29 | 0.247 | 42 | 49 | 0 | 14 | 0 | 49 | 112 | 42 | 15.38 | 0.00 | 0.00 | 10.85 | 10.85 | | | | | | |
| 23 | 0.25 | 11.25 | 0.75 | 0.135 | 0.112 | 0.063 | 1.29 | 0.252 | 42 | 49 | 0 | 14 | 0 | 49 | 112 | 42 | 15.48 | 0.00 | 0.00 | 10.85 | 10.85 | | | | | | |
| 24 | 0.10 | 11.35 | 0.75 | 0.135 | 0.112 | 0.064 | 1.29 | 0.255 | 43 | 49 | 0 | 14 | 0 | 49 | 112 | 43 | 15.58 | 0.00 | 0.00 | 10.85 | 10.85 | | | | | | |
| 25 | 0.15 | 11.50 | 0.75 | 0.135 | 0.112 | 0.065 | 1.29 | 0.258 | 43 | 21 | 14 | 14 | 28 | 35 | 112 | 43 | 15.64 | 0.00 | 5.56 | 5.56 | 10.72 | 10.48 | | | | | |

Figure 4



Figure 5



Figure 6



Figure 7

Figure 8

Figure 9



Figure 10

Figure 11

Figure 12



Figure 13

Figure 14

Figure 15



Figure 16

Figure 17

Figure 18



Figure 19



Figure 20

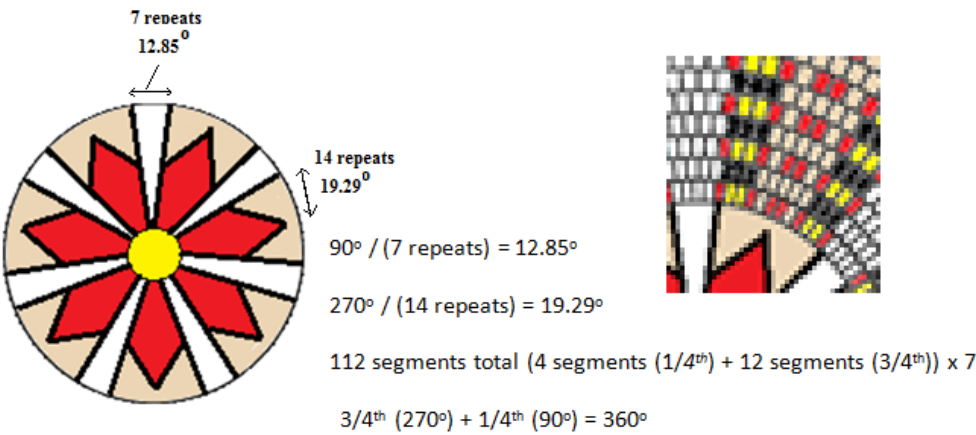


Figure 21