



THE WYOMING STAR

Designed by Jim Perkins

jperkins@ohio.net

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Angles for R.I. = 1.720

73 + 12 girdles = 85 facets

6-fold, mirror-image symmetry

96 index

L/W = 1.018 T/W = 0.481

U/W = 0.417 P/W = 0.436

C/W = 0.178

Vol./W³ = 0.237

PAVILION

PF1	41.70°	96-16-32-48-64-80 TCP
PF2	42.20°	08-24-40-56-72-88 MP @ TCP
PF3	90.00°	96-16-32-48-64-80 CAM, cut to size
PF4	90.00°	08-24-40-56-72-88 CAM, level girdle
P5	40.20°	01-15-17-31-33-47- 49-63-65-79-81-95 PCP, GMP
P6	39.96°	05-11-21-27-37-43- 53-59-69-75-85-91 PCP, GMP

CROWN

C1	44.80°	96-16-32-48-64-80 Cut to establish girdle width
C2	41.76°	08-24-40-56-72-88 Level girdle to C1
C3	37.80°	05-11-21-27-37-43- 53-59-69-75-85-91 GMP
C4	20.40°	96-16-32-48-64-80 MP @ C1
C5	17.00°	96-16-32-48-64-80 MP @ C2, C3 & C4
C6	0.00°	Table width, labeled "T", to be approximately 0.481W.

Cutters Notes:

Stone Material – Synthetic Spinel, light or clear is best.

Stone width to be 11 mm +/- 0.1 mm without deduction.

Girdle width to be 0.3 mm +/- 0.1 mm without deduction.