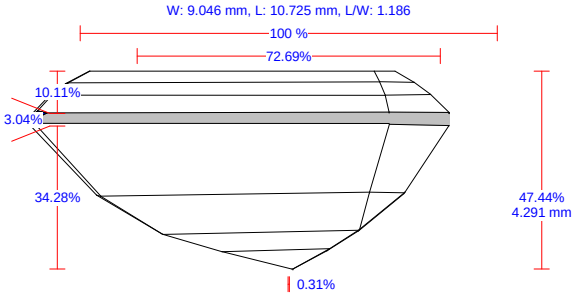
Illustrated Report For Step Cut

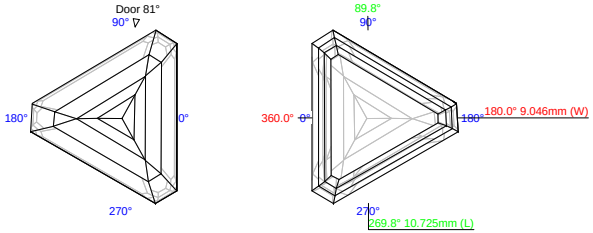
Polished Triangle 12.08.2009

Model	Simple
Expert name	Makoed A.G.
Real weight, ct	
Calculated weight, ct	2.56, 2.5621
Spread	-0.02 ct, -0.94 %
Extra Facet Girdle / Nat	Yes (1)

Width	Length	Ratio (L/W)	Diameter Minimum	Diameter Maximum	MIC
9.046 mm	10.725 mm	1.186	9.046 mm	10.725 mm	7.039 mm

Total height	Crown height	Pavilion height	Table	Girdle	Culet length
4.291 mm 47.44 %	0.915 mm	3.101 mm	6.685 mm	0.275 mm	0.033 mm 0.30 %



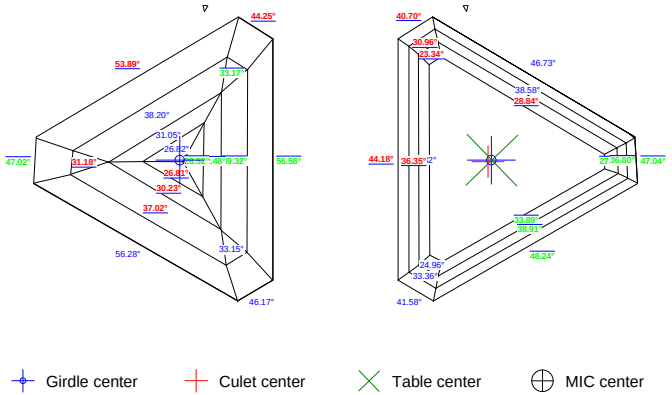


Appraiser title	AGS_2005
Overall cut quality	N/A
Symmetry appraiser title	Internal
Overall symmetry quality	PR

Color	
Clarity	
Polish	
Fluorescence	

Parameters	Avg	Min	Max	Dev
Crown height, %	10.11	9.86	10.61	0.75
Pavilion height, %	34.28	33.72	34.90	1.18
Table, %	72.69	72.32	73.29	0.97
Girdle thickness, %	3.04	2.68	3.33	0.66
Corner angle width, %	49.70	38.47	61.51	23.04
Corner angle length, %	30.07	9.60	50.83	41.23
Crown Main 1 height, %	4.50	4.26	4.62	0.37
Crown Main 2 height, %	3.16	3.11	3.21	0.09
Crown Main 3 height, %	2.81	2.64	3.01	0.38
Crown Corner 1 height, %	4.59	4.30	5.02	0.72
Crown Corner 2 height, %	3.26	3.05	3.52	0.48
Crown Corner 3 height, %	2.87	2.69	2.99	0.30
Pavilion Main 1 height, %	16.70	16.28	17.46	1.19
Pavilion Main 2 height, %	9.70	9.31	10.12	0.80
Pavilion Main 3 height, %	5.04	4.92	5.13	0.21
Pavilion Main 4 height, %	4.67	4.29	4.89	0.59
Pavilion Corner 1 height, %	16.54	16.32	16.90	0.57
Pavilion Corner 2 height, %	9.00	8.77	9.32	0.55
Pavilion Corner 3 height, %	N/A	N/A	N/A	N/A
Pavilion Corner 4 height, %	N/A	N/A	N/A	N/A
Crown Main 1 angle, °	46.38	44.18	48.24	4.06
Crown Main 2 angle, °	37.95	36.35	38.91	2.56
Crown Main 3 angle, °	31.02	28.84	33.89	5.05
Crown Corner 1 angle, °	43.11	40.70	47.04	6.34
Crown Corner 2 angle, °	33.71	30.96	36.80	5.84
Crown Corner 3 angle, °	25.41	23.34	27.92	4.58
Pavilion Main 1 angle, °	55.58	53.89	56.58	2.69
Pavilion Main 2 angle, °	38.18	37.02	39.32	2.30
Pavilion Main 3 angle, °	31.25	30.23	32.48	2.25
Pavilion Main 4 angle, °	27.38	26.81	28.52	1.71
Pavilion Corner 1 angle, °	45.81	44.25	47.02	2.77
Pavilion Corner 2 angle, °	32.50	31.18	33.17	1.99
Pavilion Corner 3 angle, °	N/A	N/A	N/A	N/A
Pavilion Corner 4 angle, °	N/A	N/A	N/A	N/A
Girdle facet angle, °	88.98	88.40	89.94	1.54

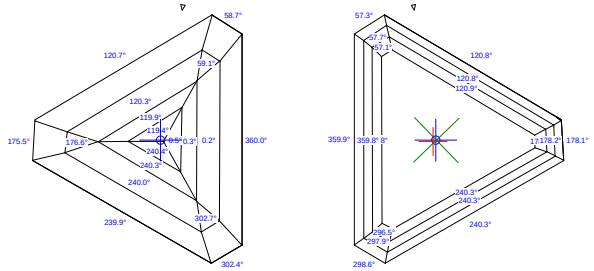
Facets angles



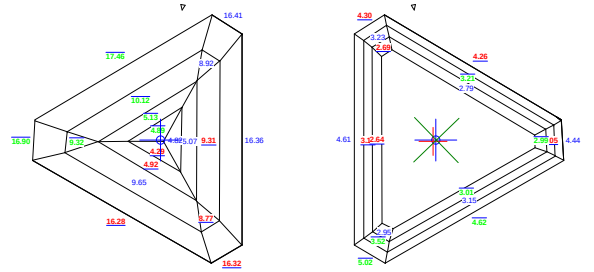
Girdle center Culet center Table center MIC center

Girdle-Culet offset by table axis	1.49 ± 0.71, %	0.135 ± 0.064, mm
Girdle-Table offset by table axis	0.27 ± 0.69, %	0.024 ± 0.062, mm
Table-Culet offset by table axis	1.73 ± 0.72, %	0.157 ± 0.065, mm
Girdle to table-culet line offset	0.16 %, 0.015 mm	

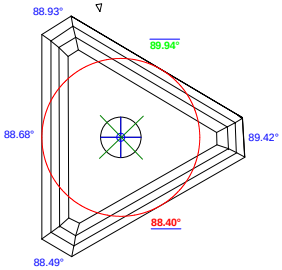
Facets azimuths



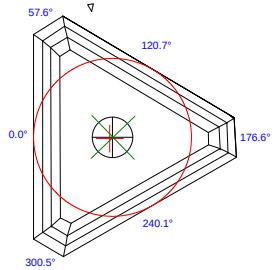
Facets heights (%)



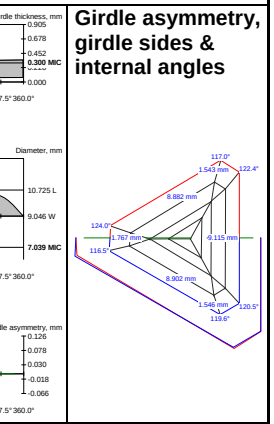
Girdle facets angles & MIC



Girdle facets azimuths & MIC



Girdle asymmetry, girdle sides & internal angles



Width-wise culet shift ratio (by width)	5.647 mm, 62.43 %	3.399 mm, 37.57 %
Length-wise culet shift ratio (by width)	5.262 mm, 58.17 %	5.463 mm, 60.39 %
Length-wise culet shift ratio (by length)	5.262 mm, 49.06 %	5.463 mm, 50.94 %