

# Illustrated Report For Step Cut

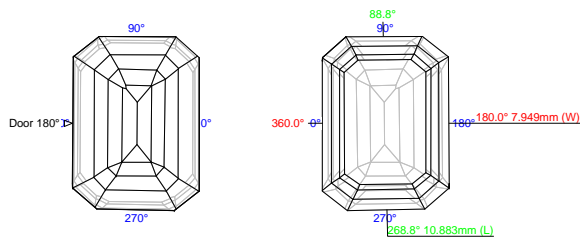
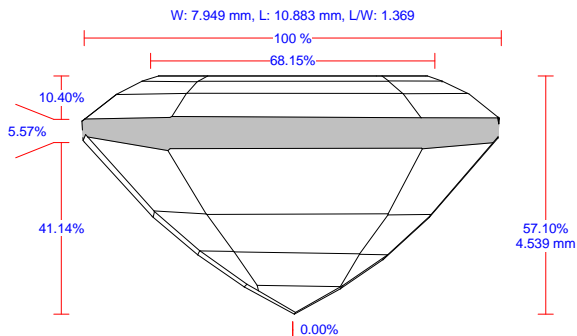
## Polished Step Cut

10.06.2009

Model Simple  
 Expert name Makoed A.G.  
 Real weight, ct  
 Calculated weight, ct 3.68, 3.6786  
 Spread 0.27 ct, 6.81 %  
 Extra Facet Girdle / Nat Yes (3)

Width	Length	Ratio (L/W)	Diameter Minimum	Diameter Maximum	MIC
7.949 mm	10.883 mm	1.369	7.949 mm	11.876 mm	7.928 mm

Total height	Crown height	Pavilion height	Table	Girdle	Culet length
4.539 mm	0.827 mm	3.270 mm	6.471 mm	0.442 mm	2.650 mm
57.10 %					24.35 %



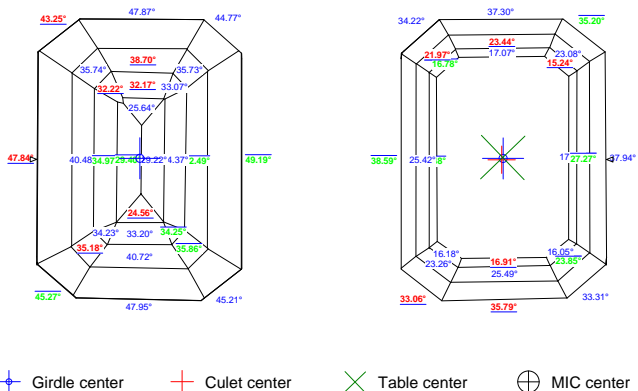
Appraiser title  
 Overall cut quality  
 Symmetry appraiser title  
 Overall symmetry quality

GIA\_PCTG\_StarCut  
 N/A  
 Internal  
 PR

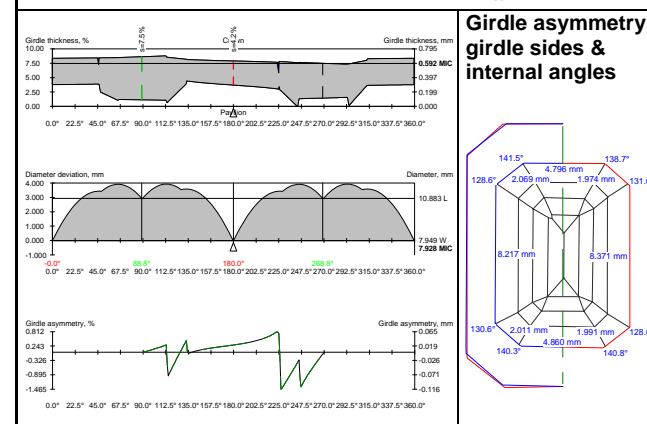
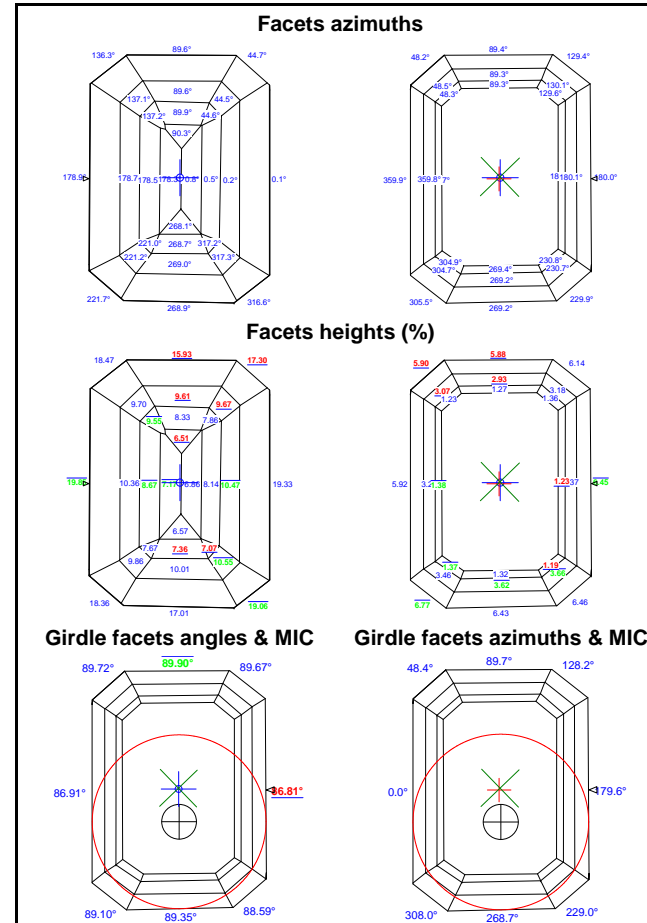
Color	
Clarity	
Polish	
Fluorescence	

Parameters	Avg	Min	Max	Dev
Crown height, %	10.40	9.86	11.01	1.15
Pavilion height, %	41.14	39.76	42.39	2.63
Table, %	68.15	64.43	71.86	7.43
Girdle thickness, %	5.57	4.19	7.48	3.29
Corner angle width, %	19.25	18.34	20.23	1.89
Corner angle length, %	16.02	15.30	16.55	1.25
Crown Main 1 height, %	6.17	5.88	6.45	0.57
Crown Main 2 height, %	3.28	2.93	3.62	0.69
Crown Main 3 height, %	1.30	1.23	1.38	0.14
Crown Corner 1 height, %	6.32	5.90	6.77	0.87
Crown Corner 2 height, %	3.34	3.07	3.66	0.60
Crown Corner 3 height, %	1.29	1.19	1.37	0.18
Pavilion Main 1 height, %	18.03	15.93	19.85	3.91
Pavilion Main 2 height, %	10.11	9.61	10.47	0.86
Pavilion Main 3 height, %	8.13	7.36	8.67	1.32
Pavilion Main 4 height, %	6.78	6.51	7.17	0.65
Pavilion Corner 1 height, %	18.30	17.30	19.06	1.75
Pavilion Corner 2 height, %	9.95	9.67	10.55	0.88
Pavilion Corner 3 height, %	8.04	7.07	9.55	2.49
Pavilion Corner 4 height, %	N/A	N/A	N/A	N/A
Crown Main 1 angle, °	37.40	35.79	38.59	2.79
Crown Main 2 angle, °	25.40	23.44	27.27	3.84
Crown Main 3 angle, °	17.68	16.91	19.48	2.57
Crown Corner 1 angle, °	33.95	33.06	35.20	2.14
Crown Corner 2 angle, °	23.04	21.97	23.85	1.87
Crown Corner 3 angle, °	16.06	15.24	16.78	1.54
Pavilion Main 1 angle, °	48.21	47.84	49.19	1.35
Pavilion Main 2 angle, °	40.60	38.70	42.49	3.79
Pavilion Main 3 angle, °	33.68	32.17	34.97	2.80
Pavilion Main 4 angle, °	27.21	24.56	29.40	4.84
Pavilion Corner 1 angle, °	44.63	43.25	45.27	2.03
Pavilion Corner 2 angle, °	35.63	35.18	35.86	0.68
Pavilion Corner 3 angle, °	33.44	32.22	34.25	2.03
Pavilion Corner 4 angle, °	N/A	N/A	N/A	N/A
Girdle facet angle, °	88.76	86.81	89.90	3.08

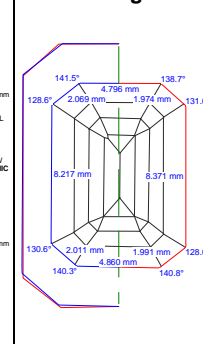
### Facets angles



Girdle-Culet offset by table axis	0.95 ± 0.24, %	0.075 ± 0.019, mm
Girdle-Table offset by table axis	0.49 ± 0.22, %	0.039 ± 0.017, mm
Table-Culet offset by table axis	1.22 ± 0.25, %	0.097 ± 0.020, mm
Girdle to table-culet line offset	0.35 %, 0.028 mm	



### Girdle asymmetry, girdle sides & internal angles



Width-wise culet shift ratio (by width)	4.057 mm, 51.04 %	3.891 mm, 48.96 %
Length-wise culet shift ratio (by width)	5.458 mm, 68.67 %	5.448 mm, 68.54 %
Length-wise culet shift ratio (by length)	5.458 mm, 50.15 %	5.448 mm, 50.06 %