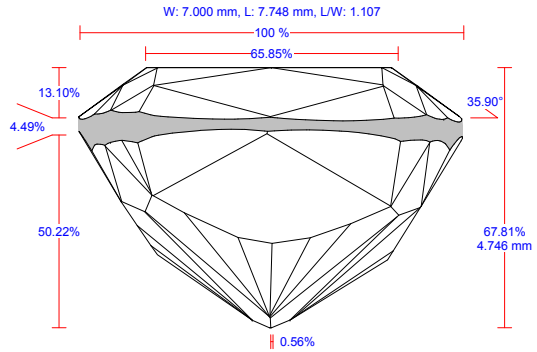
ILLUSTRATED REPORT FOR CUSHION

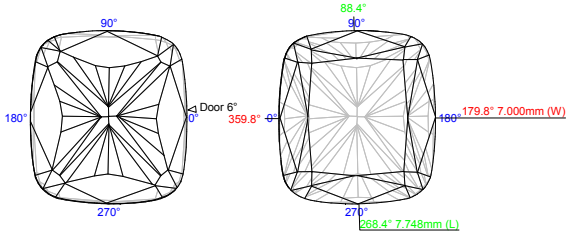
Polished Cushion 14.03.2009

Model	Simple
Expert name	Makoed A.G.
Real weight, ct	
Calculated weight, ct	2.24, 2.2420
Spread	-0.38 ct, -20.75 %
Extra Facet / Nat	No

Width	Length	Ratio (L/W)	Corner Ratio	Diameter Minimum	Diameter Maximum	Total height
7.000 mm	7.748 mm	1.107	1.007	7.000 mm	8.800 mm	4.746 mm 67.81 %

Crn height width	Crn height length	Pav height width	Pav height length	Table: Side	Culet	Girdle
0.917 mm	0.906 mm	3.515 mm	3.548 mm	4.863 mm	0.039 mm	0.321 mm



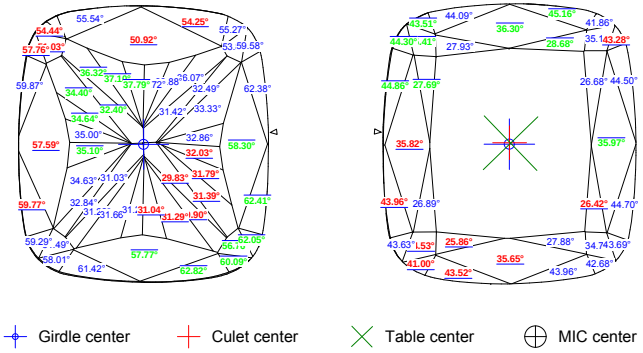


Appraiser title	GIA_PCTG_StarCul
Overall cut quality	N/A
Symmetry appraiser title	Internal
Overall symmetry quality	PR

Color	
Clarity	
Polish	
Fluorescence	

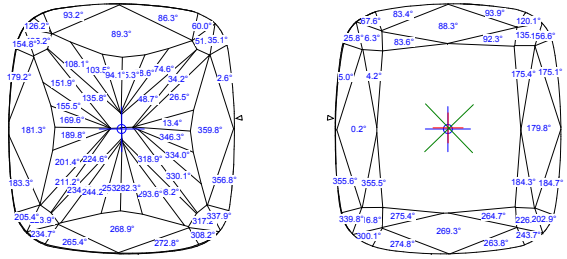
Parameters	Avg	Min	Max	Dev
Crown height width, %	13.10	12.84	13.36	0.53
Crown height length, %	12.94	12.93	12.95	0.02
Crown height corner, %	11.80	11.10	12.27	1.17
Pavilion height width, %	50.22	49.39	51.04	1.65
Pavilion height length, %	50.69	50.17	51.21	1.04
Pavilion height corner, %	48.28	47.83	48.75	0.92
Table: Side, %	65.85	63.83	67.86	4.03
Table: Corner w.r.t. Corner, %	72.95	72.65	73.25	0.61
Table: Corner w.r.t. Width, %	91.41	90.73	92.08	1.36
Diameter: Corner, %	125.30	124.89	125.71	0.82
Crown Main Width height, %	13.11	12.84	13.38	0.54
Crown Main Length height, %	12.94	12.93	12.95	0.02
Pavilion Main height, %	29.21	28.59	30.27	1.68
Girdle thickness, %	4.59	2.22	9.08	6.86
Girdle thickness width, %	4.49	3.93	5.05	1.13
Girdle thickness length, %	4.17	3.64	4.71	1.07
Girdle thickness corner, %	7.73	6.78	8.34	1.56
Culet, %	0.56	0.35	0.64	0.29
Crown Main Width angle, °	35.90	35.82	35.97	0.15
Crown Main Length angle, °	35.98	35.65	36.30	0.65
Crown Corner angle, °	34.94	34.53	35.41	0.88
Crown Star Width angle, °	26.92	26.42	27.69	1.27
Crown Star Length angle, °	27.59	25.86	28.68	2.82
Crown Halves Width 1 angle, °	43.73	43.28	44.30	1.02
Crown Halves Length 1 angle, °	42.26	41.00	43.51	2.51
Crown Halves Width 2 angle, °	44.51	43.96	44.86	0.90
Crown Halves Length 2 angle, °	44.18	43.52	45.16	1.64
Pavilion Main angle, °	31.17	29.83	32.40	2.57
Pavilion Girdle Width angle, °	57.94	57.59	58.30	0.71
Pavilion Girdle Length angle, °	54.34	50.92	57.77	6.85
Pavilion Corner angle, °	54.02	51.03	56.76	5.73
Pavilion Halves Width 1, °	32.78	31.39	34.40	3.01
Pavilion Halves Width 2, °	33.60	31.79	34.64	2.85
Pavilion Halves Width 3, °	33.75	32.03	35.10	3.08
Pavilion Halves Length 1, °	33.63	30.90	36.32	5.42
Pavilion Halves Length 2, °	34.23	31.29	37.10	5.80
Pavilion Halves Length 3, °	34.46	31.04	37.79	6.75

Facets angles

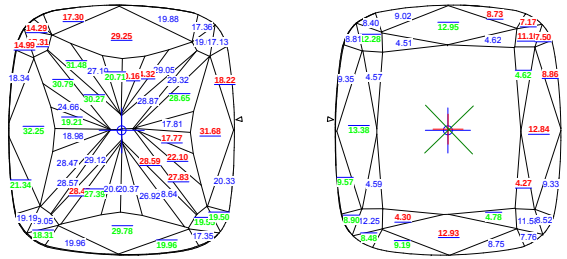


Girdle-Culet offset by table axis	0.57 ± 0.28, %	0.040 ± 0.019, mm
Girdle-Table offset by table axis	0.62 ± 0.25, %	0.043 ± 0.017, mm
Table-Culet offset by table axis	0.46 ± 0.29, %	0.032 ± 0.020, mm
Girdle to table-culet line offset	0.58 %, 0.040 mm	

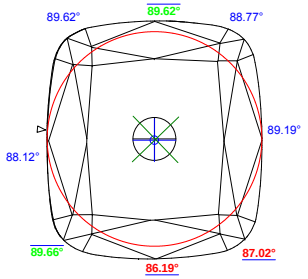
Facets azimuths



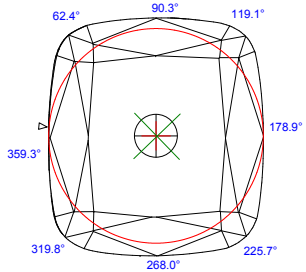
Facets heights (%)

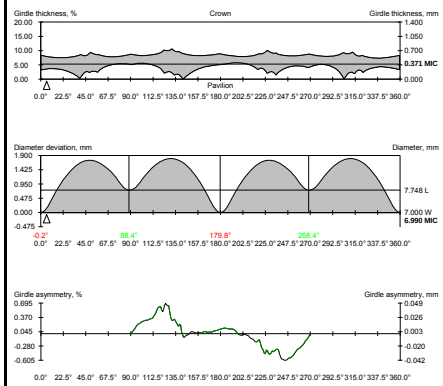


Girdle facets angles & MIC

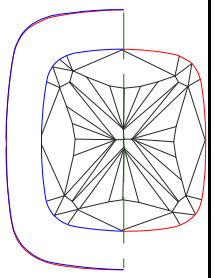


Girdle facets azimuths & MIC





Girdle asymmetry



Width-wise culet shift ratio (by width)	3.498 mm, 49.97 %	3.503 mm, 50.04 %
Length-wise culet shift ratio (by width)	3.909 mm, 55.84 %	3.844 mm, 54.92 %
Length-wise culet shift ratio (by length)	3.909 mm, 50.44 %	3.844 mm, 49.61 %