

ILLUSTRATED REPORT FOR BRILLIANT

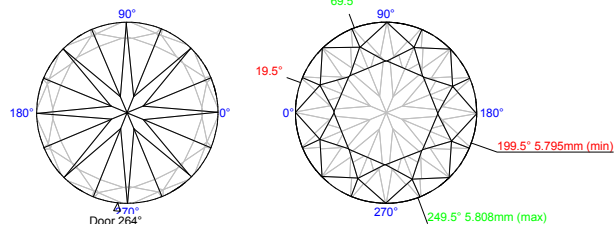
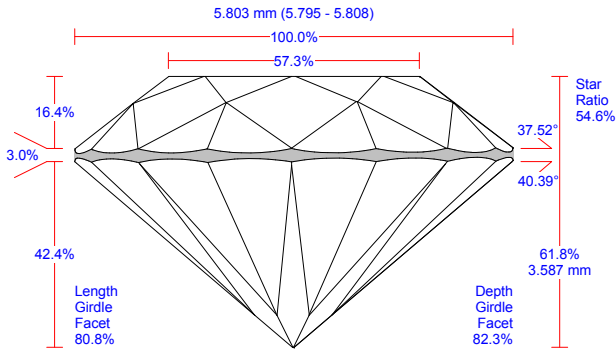
Polished Brilliant

02.08.2008

Model Simple
 Expert name Makoed A.G.
 Real weight, ct
 Calculated weight, ct 0.74, 0.7465
 Measurements 5.803 (5.795 - 5.808) x 3.587 /0.004 mm
 Spread -0.02 ct, -2.25 %
 AGS Spread N/A ct, N/A %
 Extra Facet / Nat No

Width	Length	Ratio (L/W)	Diameter Minimum	Diameter Maximum	Diameter Average	Total height
5.795 mm	5.808 mm	1.002	5.795 mm	5.808 mm	5.803 mm	3.587 mm

Crown height	Pavilion depth	Table	Culet	Girdle		
				Bezel	Bone	Valley
0.953 mm	2.459 mm	3.323 mm	0.025 mm	0.175 mm	0.174 mm	0.073 mm



Appraiser title
 Overall cut quality
 Symmetry appraiser title
 Overall symmetry quality

GIA_PCTG_StarCul
 V
 Internal
 VG

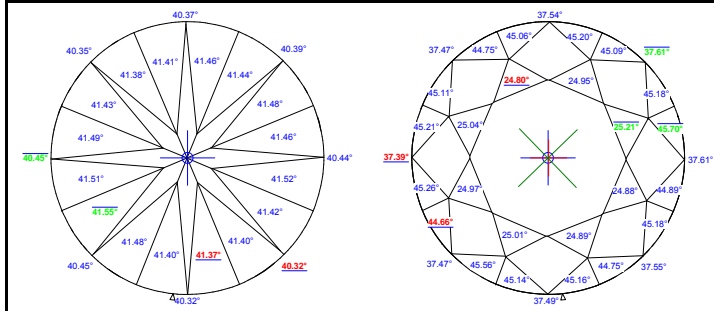
Color	
Clarity	
Polish	
Fluorescence	

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	5.803	5.795	5.808	0.23%	E	EX
Crown angle, °	37.52	37.39	37.61	0.23	Grading	EX
Pavilion angle, °	40.39	40.32	40.45	0.14	Grading	EX
Total height, %	61.82				E	
Crown height, %	16.42	16.30	16.54	0.24	E	EX
Pavilion depth, %	42.38	42.20	42.61	0.41	N/A	EX
Table, %	57.26	57.22	57.29	0.07	Grading	EX
Culet, %	0.43	0.38	0.47	0.09	E	EX
Girdle Bezel, %	3.01	2.90	3.17	0.27	E	EX
Girdle Bone, %	3.00	2.85	3.22	0.36	E	EX
Girdle Valley, %	1.25	1.06	1.41	0.34	E	EX
Star: Upper ratio, %	54.57: 45.43	53.26: 46.74	55.49: 44.51	2.23	E	VG
Star angle, °	24.97	24.80	25.21	0.41		EX
Upper girdle angle, °	45.12	44.66	45.70	1.04		VG
Length girdle facet, %	80.80	80.19	81.40	1.20	E	EX
Lower girdle angle / Halves angle, °	41.45	41.37	41.55	0.18		EX
Twist, °	0.54	0.26	0.77	0.51		EX
Crown height, mm	0.953	0.946	0.960	0.014	E	EX
Pavilion depth, mm	2.459	2.449	2.473	0.024	N/A	EX
Table, mm	3.323	3.320	3.324	0.004	Grading	EX
Culet, mm	0.025	0.022	0.027	0.005	E	EX
Girdle Bezel, mm	0.175	0.168	0.184	0.016	E	EX
Girdle Bone, mm	0.174	0.166	0.187	0.021		EX
Girdle Valley, mm	0.073	0.062	0.082	0.020	E	EX

Measurement as per OctoNus theory:

Crown angle, °	37.52	37.50	37.54	0.04		
Pavilion angle, °	40.39	40.34	40.45	0.11		
Fish eye effect, °			6.27		N/A	
Culet through Crown Bezel, °			5.43		N/A	

Parameter, °	1	2	3	4	5	6	7	8
Pav. azimuths dev. from ideal	-0.00	0.04	0.20	0.60	0.25	0.19	0.37	0.03
Crown azimuths dev. from ideal	0.28	0.81	0.94	0.86	0.62	0.92	0.92	0.67
Crown painting	0.16	0.17	0.01	0.41	0.01	0.25	-0.39	0.43
Pavilion painting	0.05	-0.07	0.20	-0.09	0.03	0.13	-0.27	-0.31
	0.30	-0.20	0.24	0.37	-0.20	-0.04	0.31	-0.29



Girdle-Culet offset by table axis	0.18 ± 0.22, %	0.010 ± 0.013, mm
Girdle-Table offset by table axis	0.11 ± 0.20, %	0.007 ± 0.012, mm
Table-Culet offset by table axis	0.26 ± 0.24, %	0.015 ± 0.014, mm
Girdle to table-culet line offset	0.06 %, 0.004 mm	

1	2	3	4	5	6	7	8
5.805	5.804	5.803	5.801				
37.39	37.47	37.54	37.61	37.61	37.55	37.49	37.47
40.44	40.39	40.37	40.35	40.45	40.45	40.32	40.32
16.30	16.40	16.46	16.51	16.54	16.42	16.36	16.36
42.61	42.46	42.32	42.20	42.38	42.42	42.29	42.37
57.29	57.26	57.28	57.22				
2.90	2.98	3.04	3.08	2.90	2.94	3.17	3.08
2.94	2.95	3.05	2.96	3.22	3.04	2.85	2.98
1.22	1.11	1.34	1.23	1.28	1.37	1.34	1.06
1.24	1.23	1.22	1.41	1.31	1.12	1.30	1.22
54.88: 45.12	53.26: 46.74	54.35: 45.65	55.49: 44.51	55.10: 44.90	54.56: 45.44	54.38: 45.62	54.51: 45.49
25.04	24.80	24.95	25.21	24.88	24.89	25.01	24.97
45.21	45.11	44.75	45.06	45.20	45.09	45.18	45.70
44.89	45.18	44.75	45.16	45.14	45.56	44.66	45.26
81.15	80.55	81.01	80.56	80.92	80.77	80.47	81.02
81.40	80.89	81.17	80.73	80.43	80.62	80.86	80.19
41.46	41.48	41.44	41.46	41.41	41.38	41.43	41.49
41.51	41.55	41.48	41.40	41.37	41.40	41.42	41.52
0.28	0.77	0.75	0.26	0.37	0.73	0.54	0.64
0.946	0.952	0.955	0.958	0.960	0.953	0.949	0.950
2.473	2.464	2.456	2.449	2.459	2.462	2.454	2.459
3.324	3.323	3.324	3.320				
0.169	0.173	0.176	0.179	0.168	0.170	0.184	0.179
0.171	0.171	0.177	0.172	0.187	0.176	0.166	0.173
0.071	0.064	0.078	0.071	0.074	0.079	0.078	0.062
0.072	0.072	0.071	0.082	0.076	0.065	0.075	0.071

37.50	37.51	37.51	37.54				
40.45	40.42	40.34	40.34				
MIC, mm				5.791			
Girdle to MIC, mm				0.004			

Paint / Dug	Avg	Type	Sym	Dev	Sym
Crown, °	0.04		EX	0.93	EX
Crown, notch.	0.0, Negligible			0.2	
Pavilion, °	0.01		EX	0.37	EX
Pavilion, notch.	0.0, Negligible			0.1	

