

GIA FACETWARE TM

Inclusive of the objective symmetry grading - 15 paramters introduced in version 23.2.

<u>HIGHLIGHTS</u>

In December 2012 GIA introduced additional 6 features to their list of earlier 9 parameters, which are used for judging symmetry of Round Brilliant Cut objectively, effective from early 2013. Helium Polish, the world's most reliable polish diamond scanner, was the first to introduce all these 15 parameters in "GIA Facetware" integrated in the system.



Shape Calculated Weight (Ct.) Diameter (rm.) (S) Table Size (rm). * % (2) Crown Angle (*) (3) Star Angle (*) (4) Star Length (*) (4) Star Length (*) (4) Star Length (*) (4) Star Length (*) (4) Gride Mixinum (*) (4) Gride Mixinum (*) * Cudet Size (*) * Cudet Size (*) * Cudet Size (*) *	Round Brillant 0.5038 0.5038 0.5038 0.5038 0.5038 0.5038 0.5038 0.5024 0.5038 0.5024 0.503 0.10241 0.503 0.10241 0.503 0.10241 0.503 0.10241 0.503 0.10241 0.503 0.10241 0.503 0.10241 0.503 0.50	GIA Rounded Value & Estimated Cut Grade Round Brillent 5.05 57.0 35.5 41.2 21.8 41.6 42.2 40.2 81.2 4 4	1/2012 10:28:35 AM Estimated Symmetry Grade Excelent Excelent Excelent Excelent Excelent Excelent Excelent Excelent Excelent Excelent		4 3473
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Girdle Minimum (%) * Girdle Maximum (%) * Culet Size (%) * Crown Height (mm) - % (0)	2.05		Excellent	34.60	
Girdle Maximum (%) * Culet Size (%) * Crown Height (mm) - % (0					
Culet Size (%) * Crown Height (mm) - % (0	2.59	Slightly Thick(STK)		34.58	
Crown Height (mm) - % (0		Slightly Thick(STK)		34.00	
	0.37	NON			
Pavilion Depth (mm) - % (2	.759-0.783) 15.26	15.5	Excellent		
	197-2.211) 43.60	43.5	Excellent	5 248 mm (5.242 - 5.257)	
Total Depth (%)	62.87	62.9		100 %	
Avg Crown Painting (°)	0.33	0.3		59.70% (min 59.57%)	-
Avg Pavilion Painting (°)	-0.39	-0.4		1193%	81 R3
Avg Sum Of Painting (*)	-0.06	-0.1			4.64. 45
Table Off Center (%)	0.19	0.2	Excellent		41.54
Culet Off Center (%)	0.34	0.3	Excellent		
Table/Culet Alignment (%)	0.25	0.3	Excellent		
Message (1): Shape is currently no		Very Good	Excellent	Langth Gintle Front	61.65% 3.235 mm
	<u>)</u>			79.94% 81.49%	1
* Conversion of % to verbal descri	ption is approximate	Limitations	FAQ	0.54%	

FEATURES

- 1. Elaborative and intuitive report helps understand presumptive "GIA cut and symmetry grade" for Round Brilliant Cut stones.
- 2. Very well defined all the 15 parameters helps the cutter to decide which parameter to control to achieve required grade from the GIA lab.
- 3. Single click, quick, user friendly and one of the most informative single page On-Screen report for GIA Cut and Symmetry.
- 4. User-defined customizable A5 and A7 (label and detail report) with direct-to-printer facility.

- 5. Save all the data in Microsoft Access, Text and Excel files for future offline analysis.
- 6. Single click Screen capture option export in JPG and PDG for your records.
- 7. Displays model building error message whenever it occurs. Extra facets found on girdle will be highlighted, to help user estimate eventual GIA Cut and Symmetry grade.
- 8. FAQ with detailed help to understand GIA parameters and features.

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