

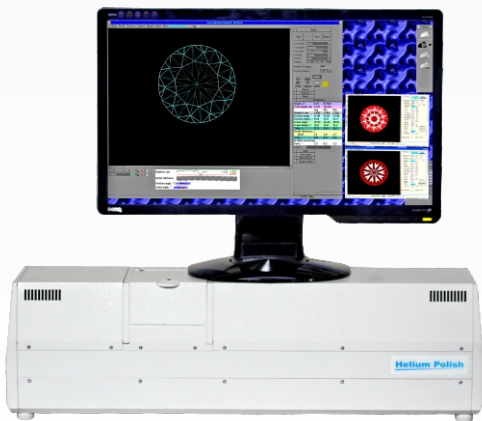


GIA FACETWARE™ CUT ESTIMATOR

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

HIGHLIGHTS

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.



LEXUS - GIA FACETWARE - CUT & SYMMETRY GRADE ESTIMATOR (HASP NO. = GIA-LGE-00005) (Version No. = 2012.9.4) (Date Time = 9/30/2012 10:57:18 AM)

File Setting

Helium Polish™ GIA FACETWARE™
CUT ESTIMATOR v23.3

Stone ID Date 12/1/2012 10:28:35 AM

Parameters	Measured Value	GIA Rounded Value & Estimated Cut Grade	Estimated Symmetry Grade
Shape	Round Brilliant	Round Brilliant	
Calculated Weight (Ct)	0.5038		
Diameter (mm)	(5.038-5.067) 5.058	5.05	Excellent
Table Size (mm) - %	(2.879-2.889) 57.00	57.0	Excellent
Crown Angle (°)	(35.19-35.49) 35.36	35.5	Excellent
Pavilion Angle (°)	(41.02-41.38) 41.17	41.2	Excellent
Star Angle (°)	(21.31-22.18) 21.87	21.8	Excellent
Upper Angle (°)	(41.13-42.19) 41.67	41.6	Excellent
Lower Angle (°)	(42.06-42.53) 42.27	42.2	Excellent
Star Length (°)	(47.01-50.71) 49.19	49.2	Excellent
Lower Half Length (°)	(79.30-83.16) 81.19	81.2	Excellent
Girdle Thickness (mm) - %	(0.193-0.209) 3.93	4	Excellent
Girdle Minimum (°) *	2.05	Slightly Thick(STK)	
Girdle Maximum (°) *	2.59	Slightly Thick(STK)	
Culet Size (°) *	0.37	NON	
Crown Height (mm) - %	(0.759-0.783) 15.26	15.5	Excellent
Pavilion Depth (mm) - %	(2.197-2.211) 43.60	43.5	Excellent
Total Depth (°)	63.87	63.9	
Avg Crown Pointing (°)	0.33	0.3	
Avg Pavilion Pointing (°)	-0.39	-0.4	
Avg Sum Of Pointing (°)	-0.06	-0.1	
Table Off Center (°)	0.19	0.2	Excellent
Culet Off Center (°)	0.34	0.3	Excellent
Table/Culet Alignment (°)	0.25	0.3	Excellent

Message (1): Shape - - is currently not graded by GIA/Param

Very Good Excellent

Limitations FAQ

Additional requirement for the presented Estimated GIA Cut Grade

Polish Excellent, Very Good, Good

* Conversion of % to verbal description is approximate

The model is built badly
Extra facets found in girdle

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.