

INTERNATIONAL  
GEMOLOGICAL  
INSTITUTE

ELECTRONIC COPY

LABORATORY GROWN DIAMOND REPORT

August 17, 2022

IGI Report Number  
LG541248770

Description  
LABORATORY GROWN  
DIAMOND

Shape and Cutting Style  
ROUND BRILLIANT

Measurements  
5.51 - 5.57 X 3.42 MM

GRADING RESULTS

Carat Weight  
0.64 CARAT

Color Grade  
H

Clarity Grade  
VS 2

Cut Grade  
IDEAL

ADDITIONAL GRADING INFORMATION

Polish  
EXCELLENT

Symmetry  
EXCELLENT

Fluorescence  
VERY SLIGHT

Inscription(s)  
GROWN IN THE USA  
Pat.6,858,078 IGI LG541248770

Comments:  
As Grown - No indication of post-growth treatment.  
This Laboratory Grown Diamond was created by  
Chemical Vapor Deposition (CVD) process.

LABORATORY GROWN DIAMOND REPORT

LG541248770

Report verification at [igi.org](#)

PROPORTIONS

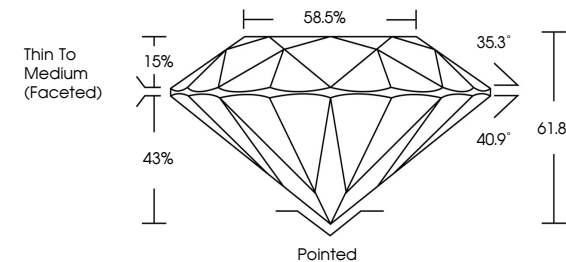
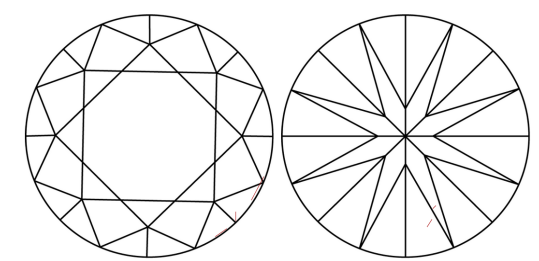


Diagram showing the proportions of a Round Brilliant diamond. Key measurements include: Table 58.5%, Crown Angle 35.3°, Pavilion Angle 40.9°, Total Depth 61.8%, Girdle 15% (Thin To Medium (Faceted)), and Depth 43%.

CLARITY CHARACTERISTICS



Two circular diagrams showing clarity characteristics. The left diagram shows internal characteristics (inclusions) and the right diagram shows external characteristics (surface blemishes).

KEY TO SYMBOLS

Red symbols indicate internal characteristics.

Green symbols indicate external characteristics.

LABORATORY GROWN  
DIAMOND REPORT


GRADING SCALES

CLARITY

IF	VVS <sup>1-2</sup>	VS <sup>1-2</sup>	SI <sup>1-2</sup>	I <sup>1-3</sup>
Internally Flawless	Very Very Slightly Included	Very Slightly Included	Slightly Included	Included



COLOR

D	E	F	G	H	I	J	Faint	Very Light	Light
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Sample Image Used

LASERSCRIBE<sup>SM</sup>



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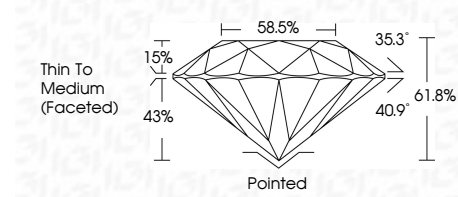
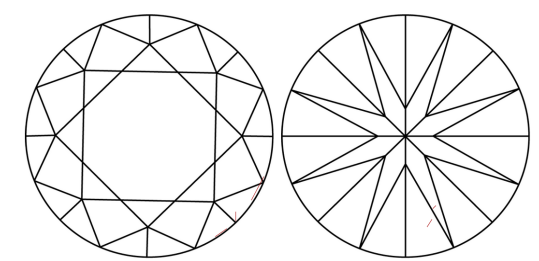


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Clarity Grade  
VS 2

Cut Grade  
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Depth  
61.8%

Table  
58.5%

Girdle  
Thin To Medium (Faceted)

Culet  
Pointed


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Symmetry  
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Fluorescence  
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