

May 18, 2026



Cut 8X

Growth Method	HPHT
1. Growth Temperature	1200-1500°C
2. Growth Pressure	5-12 GPa
3. Growth Time	Hours to days
4. Growth Medium	High-pressure cell
5. Growth Rate	Low
6. Growth Uniformity	High
7. Growth Defects	Low
8. Growth Cost	High
9. Growth Scale	Small
10. Growth Safety	High
11. Growth Environmental Impact	Low
12. Growth Sustainability	High
13. Growth Quality Control	High
14. Growth Reproducibility	High
15. Growth Scalability	Low
16. Growth Flexibility	Low
17. Growth Innovation	High
18. Growth Research & Development	High
19. Growth Market Demand	High
20. Growth Industry Trends	High
21. Growth Future Prospects	High
22. Growth Challenges	High
23. Growth Opportunities	High
24. Growth Risks	High
25. Growth Mitigation Strategies	High
26. Growth Best Practices	High
27. Growth Standards	High
28. Growth Regulations	High
29. Growth Certifications	High
30. Growth Compliance	High
31. Growth Documentation	High
32. Growth Reporting	High
33. Growth Communication	High
34. Growth Collaboration	High
35. Growth Partnerships	High
36. Growth Networks	High
37. Growth Communities	High
38. Growth Associations	High
39. Growth Organizations	High
40. Growth Institutions	High
41. Growth Academia	High
42. Growth Industry	High
43. Growth Government	High
44. Growth Society	High
45. Growth Culture	High
46. Growth Values	High
47. Growth Beliefs	High
48. Growth Attitudes	High
49. Growth Behaviors	High
50. Growth Outcomes	High
51. Growth Impacts	High
52. Growth Contributions	High
53. Growth Legacies	High
54. Growth Histories	High
55. Growth Futures	High
56. Growth Visions	High
57. Growth Dreams	High
58. Growth Hopes	High
59. Growth Faith	High
60. Growth Love	High
61. Growth Compassion	High
62. Growth Kindness	High
63. Growth Generosity	High
64. Growth Humility	High
65. Growth Patience	High
66. Growth Perseverance	High
67. Growth Courage	High
68. Growth Strength	High
69. Growth Resilience	High
70. Growth Adaptability	High
71. Growth Creativity	High
72. Growth Innovation	High
73. Growth Leadership	High
74. Growth Teamwork	High
75. Growth Collaboration	High
76. Growth Partnership	High
77. Growth Network	High
78. Growth Community	High
79. Growth Association	High
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148. Growth Perseverance	High
149. Growth Courage	High
150. Growth Strength	High
151. Growth Resilience	High
152. Growth Adaptability	High
153. Growth Creativity	High
154. Growth Innovation	High
155. Growth Leadership	High
156. Growth Teamwork	High

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Ultimate Diamond Cut Grade



P Poor
 F Fair
 G Good
 VG Very Good
 EX Excellent

Technical drawing of a diamond showing its proportions and dimensions. The drawing includes the following measurements:

- Top width: 9.10mm
- Top width (excluding girdle): 5.48mm 60%
- Top width angle: 34.0°
- Left height: 0.41mm 4.5%
- Left height: 5.52mm 60.6%
- Left angle: 40.4°
- Right height: 1.19mm 13.0%
- Right height: 3.92mm 43.0%
- Bottom width: 0.03mm 0.3%

DIAMOND SHAPES



CARAT WEIGHT SIZES

Carat Weight	2.50	2.00	1.50	1.00	0.75	0.50
Approx. Size						
Diameter	8.60mm	8.00mm	7.30mm	6.40mm	5.80mm	5.10mm

DIAMOND CLARITY GRADING SCALE

FL	IF	VVS1	VVS2	VS1	VS2	S11	S12	I1	I2	I3
FLAWLESS - INTERNALLY FL.		VERY VERY SLIGHTLY INCLUDED		VERY SLIGHTLY INCLUDED		SLIGHTLY INCLUDED		INCLUDED/PIQUE		

DIAMOND COLOR GRADING SCALE



D - Z DIAMOND COLOR GRADING SCALE

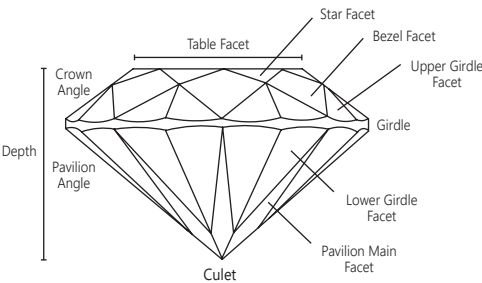
DIAMOND FLUORESCENCE GRADING SCALE



DIAMOND POLISH & SYMMETRY GRADING SCALE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
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BRILLIANT CUT DIAGRAM



BUY WITH
CONFIDENCE

GCAL BY SARINE™
4Cs GRADING GUARANTEE

The GCAL by Sarine™ philosophy is simple: we believe consumers should feel confident about their lab grown diamond purchase, in the same way we believe experts should be accountable and stand behind their work.

This is why your lab grown diamond is protected by a zero tolerance, money-backed grading guarantee. You should know that the GCAL by Sarine™ 4Cs Grading Certificate is the only 4Cs grading certificate in the world that comes with a guarantee that ensures the accuracy of the certified lab grown diamonds' weight and quality grades. If the carat weight or any of the cut, color, or clarity grades provided in this GCAL by Sarine™ 4Cs Grading Certificate is lower than the weight or quality grade of your certified lab grown diamond, GCAL by Sarine™ will reimburse you the difference between what you paid for the lab grown diamond and the current fair value of an equivalent lab grown diamond in the market in which it was purchased, pursuant to the newly established grades. Kindly see additional details, including the limitations of the guarantee, at [GCALUSA.com](https://www.gcalusa.com).

MISSION STATEMENT

To provide the most accurate and consistent gemological grading, with uncompromising integrity and unparalleled customer service.

GEMPRINT®

Having a traceable, unique “fingerprint” of your lab grown diamond adds future protection to your investment, as well as peace of mind. GCAL by Sarine™ records the distinctive Gemprint of every diamond we certify. This patented technology for positive identification is recognized worldwide as forensic evidence and identification. Register your lab grown diamond at [GEMPRINT.com](https://www.gemprint.com)

CERTIFICATE VERIFICATION

You can verify the authenticity of this certificate by entering your GCAL by Sarine™ Certificate Number at [GCALUSA.com](https://www.gcalusa.com). You can also download a complimentary digital copy of this document to send to your insurance company.



GUARANTEED
CERTIFICATE



LAB GROWN



8X® is the highest achievement in precision diamond cutting. The **GCAL 8X** Ultimate Diamond Cut Grading System encompasses all aspects of diamond CUT quality assessment. Your lab Grown diamond has achieved grades of Excellent in all eight aspects of CUT quality assessment. As a result, this lab grown diamond is recognized for its extraordinary brilliance and beauty.

PHYSICAL EXCELLENCE

The first three of the 8X grading factors analyze the exactness of the physical surface, the facet shapes, as well as the angles. This includes the Polish, External Symmetry and Proportions.

Decades of meticulous mathematical calculations have determined the narrow proportion ranges required to produce superior cut diamonds. Each shape has been studied individually to find the most aesthetically pleasing parameters. Some of the factors considered are listed below.

To view the proportions specifications for each shape, please visit our website [GCALUSA.COM](https://www.gcalusa.com)

Table %	Lower Girdle Facet Length
Depth %	Star Length
Crown Angle/Height	Girdle Thickness
Pavilion Angle/Height	Culet Size

LIGHT PERFORMANCE EXCELLENCE

The next three of the 8X grading factors are Brilliance, Fire and Scintillation, which analyze the light handling ability of your lab grown diamond. The combination of these factors is the essence of what makes any diamond visibly shine, dance and sparkle from across a room. Fire and Scintillation are graded while the diamond is in motion and interacting with light. View the Fire and Scintillation videos of this lab grown diamond at [GCALUSA.com](https://www.gcalusa.com) or by scanning the QR code on this certificate.

OPTICAL EXCELLENCE

The last two 8X grading factors consider optical excellence. These factors scrutinize the craftsmanship, the precise alignment of the crown and pavilion facets, the shape outline, and the length to width ratio, ensuring the lab grown diamond achieves aesthetic perfection.

Grading scales for each of the 8X grading factors can be viewed at [GCALUSA.com](https://www.gcalusa.com)

Independently Graded and Guaranteed by GCAL by Sarine™