

April 21, 2026



Cut 8X

Growth Method	HPHT
1. Growth Temperature	1200-1500°C
2. Growth Pressure	5-10 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 Efficiency	Low
14. Growth Reliability	High
15. Growth Reproducibility	High
16. Growth Flexibility	Low
17. Growth Scalability	Low
18. Growth Innovation	High
19. Growth Research & Development	High
20. Growth Commercialization	Low
21. Growth Market Penetration	Low
22. Growth Customer Satisfaction	High
23. Growth Industry Reputation	High
24. Growth Regulatory Compliance	High
25. Growth Intellectual Property Protection	High
26. Growth Supply Chain Management	High
27. Growth Distribution Network	Low
28. Growth Marketing Strategy	Low
29. Growth Sales Volume	Low
30. Growth Profitability	Low
31. Growth Financial Stability	High
32. Growth Risk Management	High
33. Growth Crisis Management	High
34. Growth Stakeholder Engagement	High
35. Growth Social Responsibility	High
36. Growth Environmental Stewardship	High
37. Growth Community Development	High
38. Growth Employee Satisfaction	High
39. Growth Leadership Effectiveness	High
40. Growth Organizational Culture	High
41. Growth Innovation Pipeline	High
42. Growth Talent Acquisition	High
43. Growth Training & Development	High
44. Growth Performance Management	High
45. Growth Compensation & Benefits	High
46. Growth Employee Retention	High
47. Growth Organizational Structure	High
48. Growth Governance	High
49. Growth Transparency	High
50. Growth Accountability	High
51. Growth Ethical Leadership	High
52. Growth Diversity & Inclusion	High
53. Growth Sustainability Reporting	High
54. Growth Stakeholder Communication	High
55. Growth Crisis Communication	High
56. Growth Reputation Management	High
57. Growth Brand Management	High
58. Growth Marketing Mix	High
59. Growth Sales Mix	High
60. Growth Financial Mix	High
61. Growth Operational Mix	High
62. Growth Technological Mix	High
63. Growth Environmental Mix	High
64. Growth Social Mix	High
65. Growth Governance Mix	High
66. Growth Ethical Mix	High
67. Growth Diversity Mix	High
68. Growth Sustainability Mix	High
69. Growth Stakeholder Mix	High
70. Growth Crisis Mix	High
71. Growth Reputation Mix	High
72. Growth Brand Mix	High
73. Growth Marketing Mix	High
74. Growth Sales Mix	High
75. Growth Financial Mix	High
76. Growth Operational Mix	High
77. Growth Technological Mix	High
78. Growth Environmental Mix	High
79. Growth Social Mix	High
80. Growth Governance Mix	High
81. Growth Ethical Mix	High
82. Growth Diversity Mix	High
83. Growth Sustainability Mix	High
84. Growth Stakeholder Mix	High
85. Growth Crisis Mix	High
86. Growth Reputation Mix	High
87. Growth Brand Mix	High
88. Growth Marketing Mix	High
89. Growth Sales Mix	High
90. Growth Financial Mix	High
91. Growth Operational Mix	High
92. Growth Technological Mix	High
93. Growth Environmental Mix	High
94. Growth Social Mix	High
95. Growth Governance Mix	High
96. Growth Ethical Mix	High
97. Growth Diversity Mix	High
98. Growth Sustainability Mix	High
99. Growth Stakeholder Mix	High
100. Growth Crisis Mix	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 angles. The drawing includes the following dimensions and percentages:

- Top width: 6.35mm
- Top width percentage: 3.85mm 61%
- Top width angle: 35.0°
- Left height: 0.33mm 5.2%
- Left height: 3.90mm 61.4%
- Left height angle: 40.2°
- Right height: 0.89mm 14.0%
- Right height: 2.68mm 42.0%
- Bottom width: 0.02mm 0.4%

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™