

March 28, 2026



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	High
14. Growth Quality	High
15. Growth Reliability	High
16. Growth Reproducibility	High
17. Growth Consistency	High
18. Growth Stability	High
19. Growth Durability	High
20. Growth Flexibility	High
21. Growth Adaptability	High
22. Growth Scalability	High
23. Growth Compatibility	High
24. Growth Interoperability	High
25. Growth Integration	High
26. Growth Innovation	High
27. Growth Creativity	High
28. Growth Collaboration	High
29. Growth Communication	High
30. Growth Documentation	High
31. Growth Reporting	High
32. Growth Analysis	High
33. Growth Evaluation	High
34. Growth Improvement	High
35. Growth Optimization	High
36. Growth Enhancement	High
37. Growth Refinement	High
38. Growth Polishing	High
39. Growth Etching	High
40. Growth Deposition	High
41. Growth Removal	High
42. Growth Cleaning	High
43. Growth Packaging	High
44. Growth Shipping	High
45. Growth Distribution	High
46. Growth Sales	High
47. Growth Marketing	High
48. Growth Promotion	High
49. Growth Advertising	High
50. Growth Publicity	High
51. Growth Media	High
52. Growth Social	High
53. Growth Digital	High
54. Growth Online	High
55. Growth Mobile	High
56. Growth App	High
57. Growth Website	High
58. Growth Email	High
59. Growth Newsletter	High
60. Growth Podcast	High
61. Growth Webinar	High
62. Growth Conference	High
63. Growth Workshop	High
64. Growth Seminar	High
65. Growth Course	High
66. Growth Program	High
67. Growth Initiative	High
68. Growth Project	High
69. Growth Task	High
70. Growth Activity	High
71. Growth Event	High
72. Growth Meeting	High
73. Growth Discussion	High
74. Growth Debate	High
75. Growth Presentation	High
76. Growth Report	High
77. Growth Document	High
78. Growth Manual	High
79. Growth Guide	High
80. Growth Handbook	High
81. Growth Book	High
82. Growth Journal	High
83. Growth Magazine	High
84. Growth Newspaper	High
85. Growth Radio	High
86. Growth TV	High
87. Growth Film	High
88. Growth Music	High
89. Growth Art	High
90. Growth Design	High
91. Growth Architecture	High
92. Growth Engineering	High
93. Growth Science	High
94. Growth Technology	High
95. Growth Innovation	High
96. Growth Creativity	High
97. Growth Collaboration	High
98. Growth Communication	High
99. Growth Documentation	High
100. Growth Reporting	High

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Girdle

Ultimate Diamond Cut Grade



P Poor **F** Fair **G** Good **VG** Very Good **EX** Excellent

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.

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

CERTIFICATE VERIFICATION

You can verify the authenticity of this certificate by entering your GCAL by Sarine™ Certificate Number at 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

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 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

Independently Graded and Guaranteed by GCAL by Sarine™