

FACT



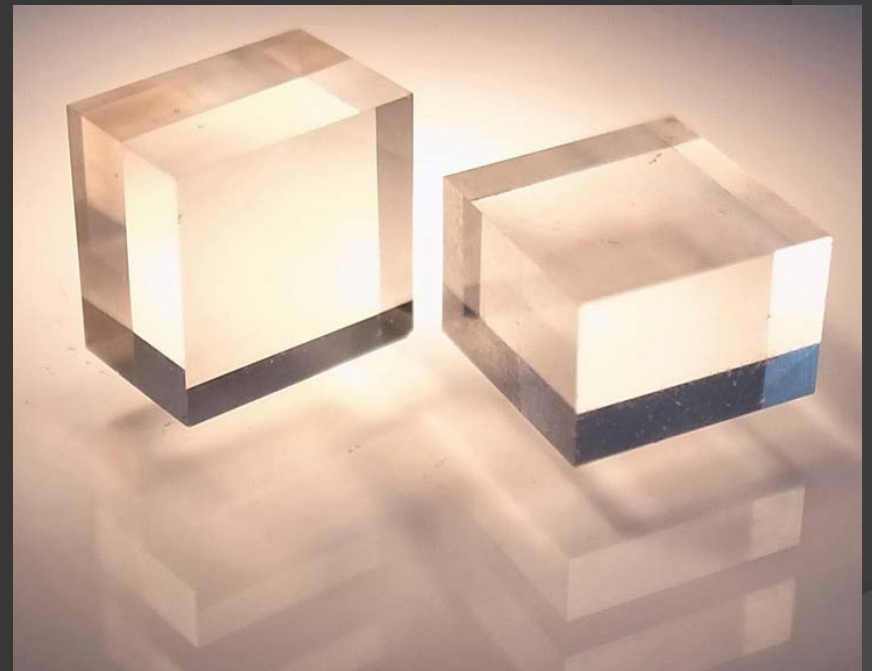
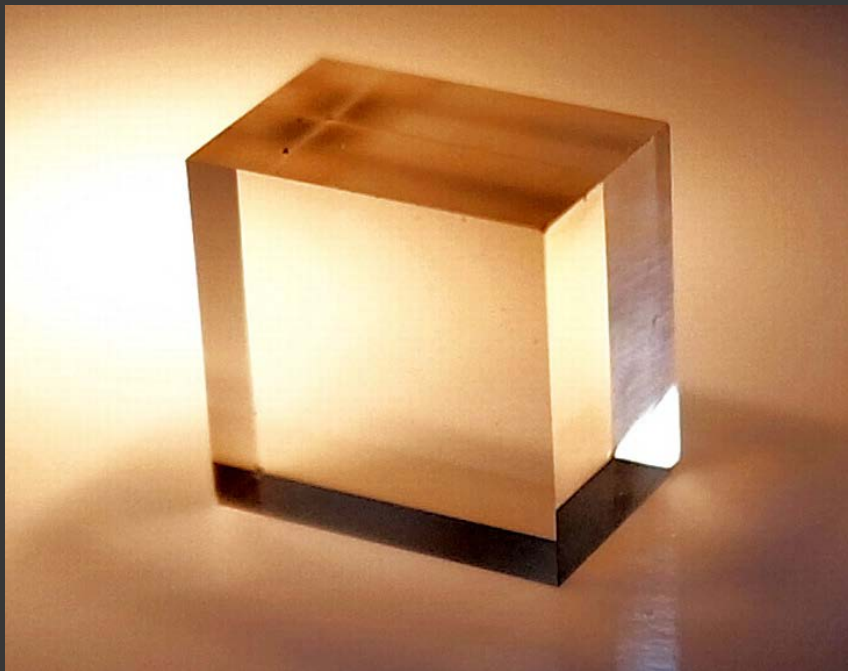
合成鑽石 CVDD-9 到 珠寶鑽石之路

- 從立方體到**57**個切割面 -
2014.04.21

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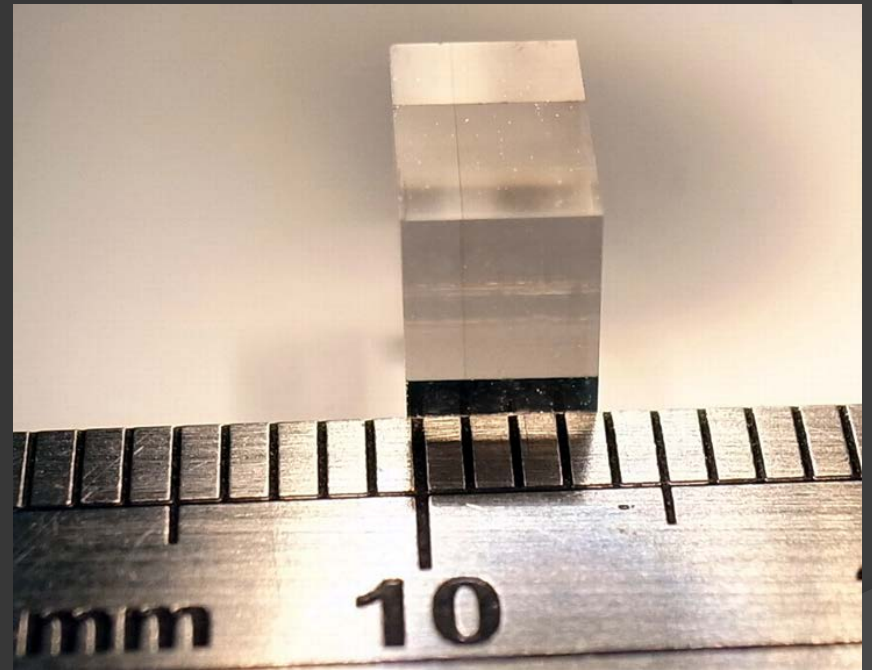
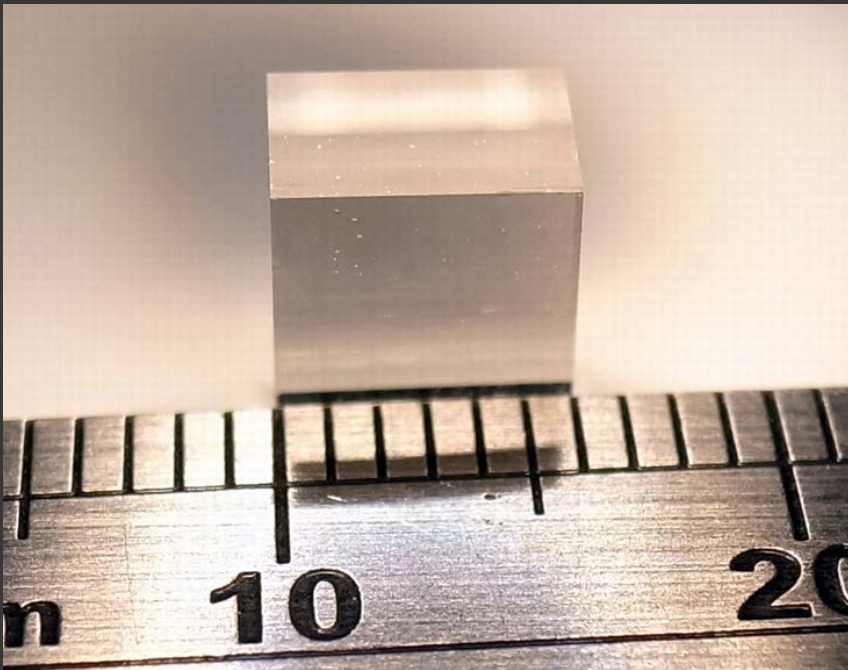
合成鑽石 CVDD-9



◎ 單價為美金\$5,555

FACT

尺寸規格為：6.0 x 6.0 x 4.0 mm



FACT

紅外線掃描鑽石尺寸

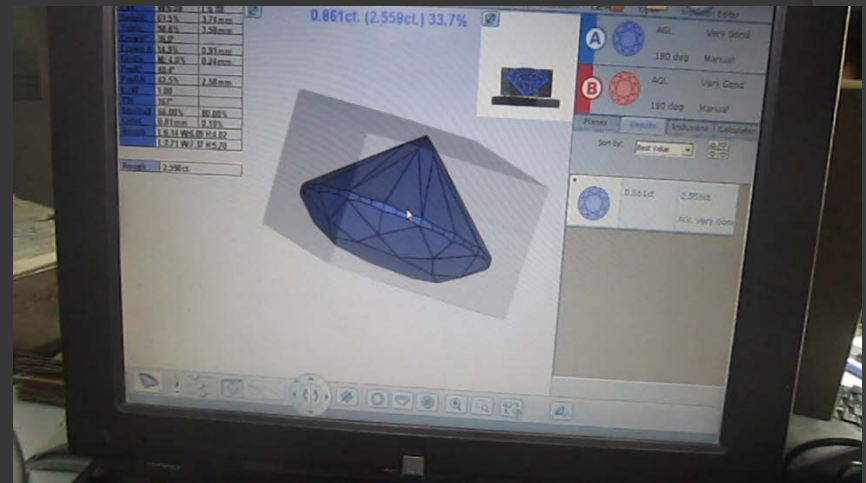


FACT

3D 電腦計算 如何最佳化切割



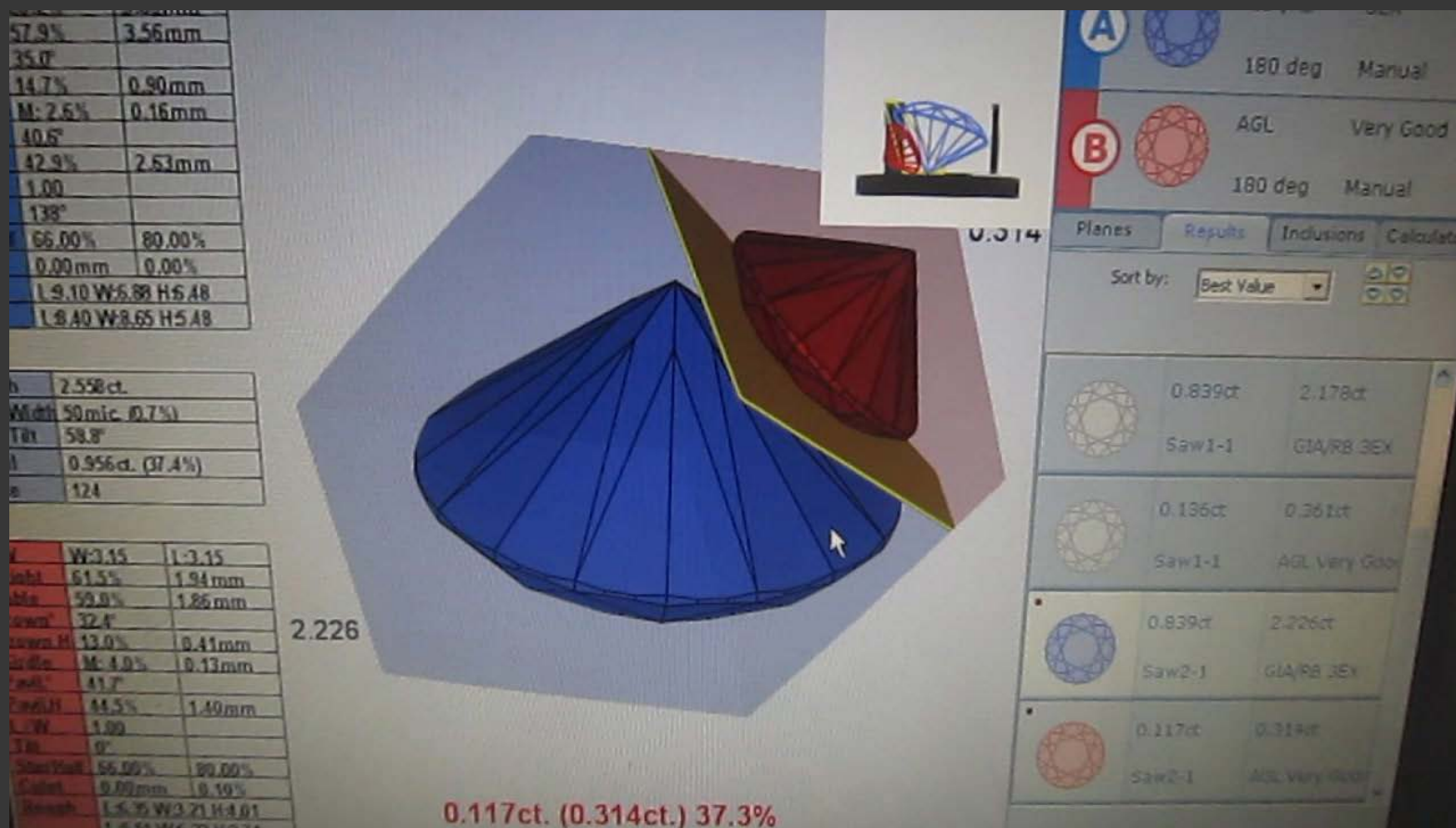
◎ 原始形貌



◎ 計算出最大顆的鑽石
切法

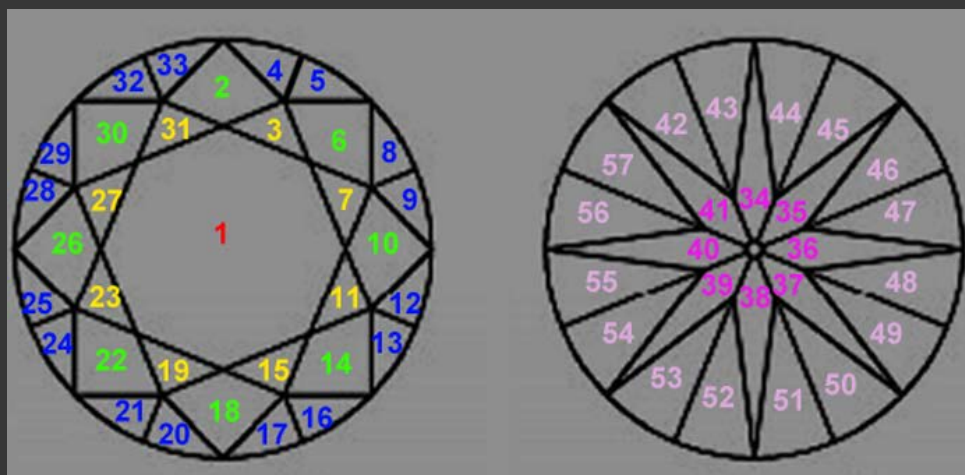
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主體顆粒外，剩餘部分可以
切割成其他較小顆粒



FACT

鑽石切成57個面的計算方式



部位	名稱	形狀	數量
冠部	檯面	正八面形	1
	冠部主刻面	四邊形	8
	星刻面	三角形	8
	上腰小面	三角形	16
腰			
亭部	下腰小面	三角形	16
	亭部主刻面	四邊形	8
	底面		(可忽略)
合計			57

FACT

切割後且經過拋光的 57個切割面



加工費為台幣 15,500

FACT

由一顆 CVDD-9 切割所得



4顆小鑽石, 總重 0.436 cts

最大顆的重量為 0.822 cts
單價為美金\$6,666

FACT

GIA 鑑定資料



GIA®

GIA SYNTHETIC DIAMOND REPORT

May 27, 2014

Report Type Grading Report

GIA Report Number 7161830626

Identification Laboratory Grown*

Shape and Cutting Style Round Brilliant

Measurements 4.33 - 4.35 x 2.65 mm

Carat Weight 0.30 carat

Color Grade Colorless

Clarity Grade Very Very Slightly Included

Cut Grade Excellent

Polish Excellent

Symmetry Excellent

Fluorescence None

Inscription(s): GIA 7161830626, LABORATORY GROWN

Comments: Additional growth remnants are not shown.

*This is a man-made diamond and has been produced in a laboratory.

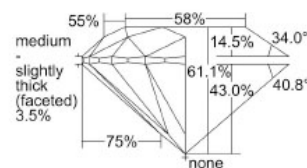
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GIA REPORT
7161830626

Verify this report at gia.edu

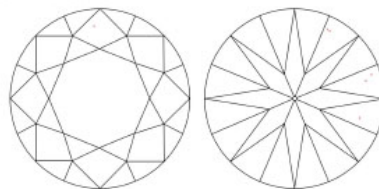
ADDITIONAL INFORMATION

PROPORTIONS



Profile to actual proportions

CLARITY CHARACTERISTICS



KEY TO SYMBOLS*

• Growth Remnant

~ Feather

* Red symbols denote internal characteristics (inclusions). Green or black symbols denote external characteristics (blemishes). Diagram is an approximate representation of the article, and symbols shown indicate type, position, and approximate size of clarity characteristics. All clarity characteristics may not be shown. Details of finish are not shown.

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GIA SYNTHETIC COLOR SCALE

COLORLESS
NEAR COLORLESS
FAINT
VERY LIGHT
LIGHT

GIA SYNTHETIC CLARITY SCALE

FLAWLESS
INTERNALLY FLAWLESS
VERY VERY SLIGHTLY INCLUDED
VERY SLIGHTLY INCLUDED
SLIGHTLY INCLUDED
INCLUDED

GIA CUT SCALE

EXCELLENT
VERY GOOD
GOOD
FAIR
POOR



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◎報告完畢，謝謝賜教