

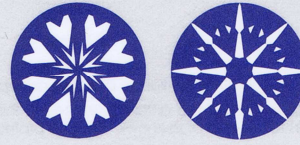


**INTERNATIONAL  
GEMOLOGICAL  
INSTITUTE**

SCIENTIFIC LABORATORY FOR THE IDENTIFICATION AND GRADING  
OF DIAMOND AND COLORED STONES

**EDUCATIONAL PROGRAMS**

Expertise issued by I.G.I. bvba  
Head Office and Laboratories.  
1/7 Schupstraat, 2018 Antwerp - Belgium  
Tel. +32 3 401 08 88 - Fax +32 3 232 07 58  
E-mail : info@igiworldwide.com  
www.igiworldwide.com



**HEARTS & ARROWS  
DIAMOND REPORT**

This report is a statement of the diamond's identity  
and grade including all relevant information.

NUMBER **F4G83296**

ANTWERP, July 11, 2007

LABORATORY REPORT (ORIGINAL)

TO WHOM IT MAY CONCERN.

The diamond described is commonly referred to in the trade as «Hearts & Arrows»  
Tested with «Hearts & Arrows» gemscope

The symbols do not usually reflect the size of the characteristics.  
**Red symbols indicate internal characteristics.**  
**Green symbols indicate external characteristics.**

DESCRIPTION  
SHAPE AND CUT

NATURAL DIAMOND  
ROUND BRILLIANT

CARAT WEIGHT  
COLOR GRADE  
CLARITY GRADE  
CUT GRADE

**0.521 CARAT**  
**D**  
**INTERNALLY FLAWLESS**  
**EXCELLENT**

POLISH  
SYMMETRY

**EXCELLENT**  
**VERY GOOD**

Measurements

5.21 - 5.24 x 3.18 mm

Table

54.5%

Crown Height - Angle

15.5% - 34°

Pavilion Depth - Angle

43% - 40.7°

Girdle Thickness

THIN TO MEDIUM (FAC.)

Culet

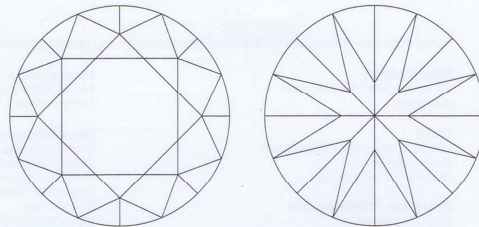
POINTED

Total Depth

60.9%

FLUORESCENCE

NONE



Insignificant **external** details, visible under  
high magnification only, are not shown



Security features included in this document are hologram,  
watermarked paper and additional features not listed,  
that, as a composite, exceed industry security standards.

COMMENTS

Hearts & Arrows  
"IDEAL CUT ROUND BRILLIANT"  
Laserscribe on Girdle:  
IGI F4G83296



CLARITY GRADE: Internally Flawless VVS<sub>1</sub> VVS<sub>2</sub> VS<sub>1</sub> VS<sub>2</sub> SI<sub>1</sub> SI<sub>2</sub> I<sub>1</sub> I<sub>2</sub> I<sub>3</sub>

COLOR GRADE: D E F G H I J K L M N O P Q R S-Z FANCY COLOR

PROPORTION - MARGIN: ± 1%

MEASUREMENTS - MARGIN: ± 0.02mm

The gemological analysis of diamonds, precious stones and other minerals must be carried out by gemologists with many years' experience in this field who have a keen sense of the professional code of ethics governing their work as well as a thorough knowledge of crystallographic, optical and physical phenomenon.

The identification of the various species and varieties of stones, the distinction between natural and synthetic material, as well as various treatment methods currently encountered are all very sensitive factors. More specifically for diamonds, the laws of refraction and dispersion of light, the related geometric data as well as knowledge of all aspects involved in the cutting process are essential.

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