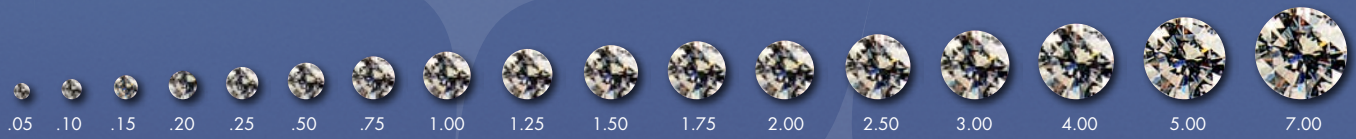


# Diamond Grading Chart

## Carat

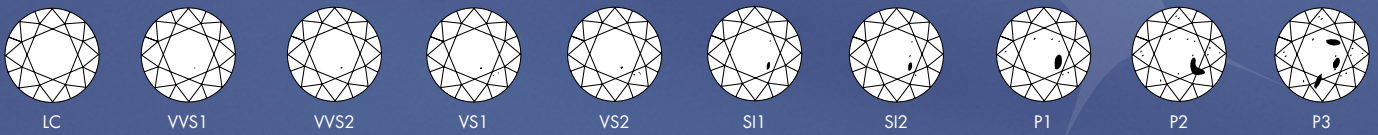
The weight of a diamond is expressed in carats. One carat = 0.2 grams and one carat equals 100 points.



## Clarity

All diamonds have traces of their growth history. In gem-quality diamonds, this concerns minute internal and external characteristics, graded under Clarity.

The clarity scale reflects the size, number, location and visibility of the characteristics when examined with a loupe 10 X. The very best - and rarest - clarity is loupe clean. Most inclusions, however, are not visible to the naked eye. Diamonds that have no inclusions visible to the unaided eye are also of excellent value.



## Colour

Most diamonds are colourless to slightly yellowish. The colourgrade is determined by comparison with a series of masterstones, the best grade being colourless (D, exceptional white +).

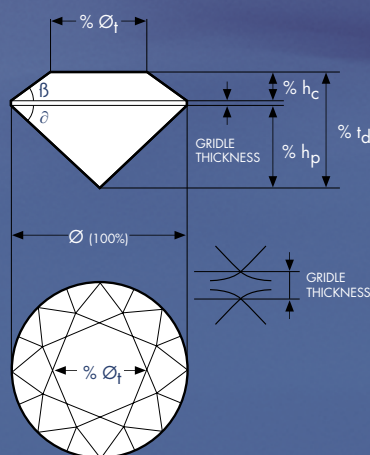
Diamonds can also occur in all sorts of colours, ranging from brownish to striking yellows, pink to purple, red and blue. These are called "fancy colours". Certain diamonds can react to "black light" with grades varying from nil-slight-medium to strong. Besides colour, the fluorescence of the diamond is also graded.



## Cut

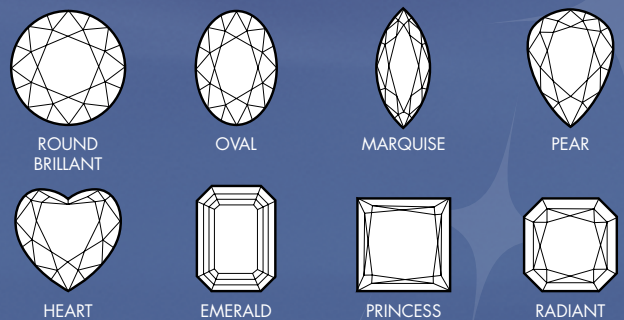
Fire, brilliancy and scintillation of a diamond are largely determined by the proportions of various parts of the stone. Finish grade mainly evaluates the symmetry.

proportions & finish grade



## Shape

Diamonds can be cut in various shapes (e.g. square, pear or heart). The round brilliant is probably the best known shape.



Belgium - China - Hong Kong - India - Middle East

*The Blueprint for Quality*

NBN EN ISO/IEC 17025

**HRD Antwerp**  
Institute of Gemmology

[www.hrdantwerp.be](http://www.hrdantwerp.be)



# HRD Antwerp Contacts

## HRD Antwerp

Hoveniersstraat 22  
2018 Antwerp, Belgium  
Phone: +32 3 222 06 11  
Fax: +32 3 222 06 99  
info@hrdantwerp.be

## Diamond Lab

Hoveniersstraat 22  
2018 Antwerp, Belgium  
Phone: +32 3 222 06 31  
Fax: +32 3 222 06 30  
diamondlab@hrdantwerp.be

## Precious Stones Lab

Hoveniersstraat 22  
2018 Antwerp, Belgium  
Phone: +32 3 222 07 06 or 06 25  
Fax: +32 3 222 07 04  
gemlab@hrdantwerp.be

## Education

Hoveniersstraat 22  
2018 Antwerp, Belgium  
Phone: +32 3 222 07 07  
Fax: +32 3 222 07 04  
education@hrdantwerp.be

## Graduates Club

Hoveniersstraat 22  
2018 Antwerp, Belgium  
Phone: +32 3 222 05 66  
Fax: +32 3 222 05 59  
graduates@hrdantwerp.be

## Research

Plaslaar 50  
2500 Lier, Belgium  
Phone: +32 3 488 06 09  
Fax: +32 3 488 30 18  
research@hrdresearch.be

## Equipment

Hoveniersstraat 22  
2018 Antwerp, Belgium  
Phone: + 32 3 222 05 55  
Fax: + 32 3 222 05 59  
equipment@hrdantwerp.be

## Hong Kong

1427A Ocean Centre  
Canton Road 5  
Tsim Sha Tsui, Kowloon  
Hong Kong, China  
Phone: +852 35 896 100  
Fax: +852 21 101 256  
jason.cheung@hrdantwerp.com.hk

## China

Jin Mao Tower, Room 619  
Century Boulevard 88  
Pudong New Area  
200120 Shanghai, China  
Phone: +86 21 5098 89 66  
Fax: +86 21 50 98 89 67  
jun.jiang@hrdantwerp.be

## India

Mobile: +91 98202 91492  
devika.gidwani@hrdantwerp.be

## Middle East

Beirut – Ashrafieh  
Albert Khayat St.  
Shammiyeh Bldg. 9th Floor  
PO Box 166952  
Beirut, Lebanon  
Phone: +961 1 334 879  
Fax: +961 1 320 708  
chantal.abboud@hrdantwerp.be

Belgium - China - Hong Kong - India - Middle East

*The Blueprint for Quality*

NBN EN ISO/IEC 17025

**HRD**Antwerp  
Institute of Gemmology

www.hrdantwerp.be