

Pricing rough diamond

- [Criteria](#)
- [Rough Diamond Pricing \(example\)](#)
- [Rough Diamond Prices List](#)
- [Rough Diamond Prices Simulator](#)

How to determine the purchase price for a rough diamond?

We will try to give you some **information** relating to the **various criteria** which can intervene in the calculation of the **price of the rough diamond**.

Criteria

The **principal criteria** which can influence the purchase price of rough diamonds are:

Where the **transaction takes place** i.e. Africa, Europe, CIS, USA or other foreign locations.

Where is the **location** of the **physical transference** of the rough diamonds?

What is the **method of payment**: wire transfer, cash, C.O.D., etc...?

Costs of buying rough diamonds: travel, hotel, negotiations, etc...

The **crystalline structure** of rough diamonds. The **most important** part regarding buying or selling of rough diamonds, is to **know the basic structures** (crystals): **stones, shapes, cleavages, macles, flats**.

The good classification of the **crystalline structure** of rough diamonds **is determining** the calculation of the purchase price, indeed **all crystalline shapes** of diamonds do not have the same yield. The **stone** structure will yield approximately 50 percent of the finished diamond, the **shapes** structure will yield 45 percent, the **cleavages** structure will yield 35 percent, the **macles** structure will yield 28 percent and the **flats** structure will yield 25 percent of the finished diamond.

Rough Diamond Pricing (example)

Mode of calculation for the purchase of a rough diamond (all the prices below are false):

If someone would offer us a **5 carats** rough diamond, for example, **stone structure, VS2** and **G color**.

The **stone structure** we will yield approximately 50 percent of the finished diamond:

5 carats (rough diamond) x 0.50 (50%) = 2.50 carats (polished diamond).

If we decide to cut the octahedron in half to yield **two equal finished stones**:

2.50 carats ÷ 2 = 1.25 carat (for each polished diamond).

The **Rapaport value** for a 1.25 carat, VS2, and G color is \$500.00 per carat:

2,500 x 1.25 = \$3,125.00 (for each stone).

This type of stone will yield **2 X 1.25 carat stones**:

\$6,250.00 (3,125 x 2).

We will **discount the Rapaport value by 40 percent** to obtain the wholesale market price:

1.25 x 2,500 x 0.60 (-40%) = \$1,875.00 (for one diamond), total \$3,750.00 (for two polished diamonds).

To obtain our **purchase price** for this rough diamond of 5 carats, it is necessary to apply a percentage which will correspond to our **profit margin** (on average it is best at 50%):

3,750 x 0.50 = \$1,875.00 (this is our purchase price for this rough diamond).

The **purchase price per carat** for this rough diamond is:

1,875 ÷ 5 carats = \$375.00 per carat.

Rough Diamond Prices List

We offer lists which give the price of rough diamonds per carat according to various criteria, such as: the crystalline shape, the rough weight, the color and the clarity. It is possible to subscribe at these price lists. Over 20,000 prices are published.

The prices showing on this list below are not real prices.

		Rough Diamond Weight 0.007 to 0.008 carat									
		Irregularly shaped or broken crystals									
		You can cut 1 polished diamond between 0.25 to 0.28 carat									
USD per carat	IF	VVS1	VVS2	VS1	VS2	SI1	SI2	SI3	I1	I2	I3
D	189	189	189	168	168	121	102	89	74	59	47
E	189	189	189	168	168	121	102	89	74	59	47
F	189	189	189	168	168	121	102	89	74	59	47
G	168	168	168	147	147	100	81	61	51	43	39
H	168	168	168	147	147	100	81	61	51	43	39
I	137	137	137	116	116	87	76	68	56	45	39
J	137	137	137	116	116	87	76	68	56	45	39
K	116	116	116	100	100	76	67	61	47	37	29
L	116	116	116	100	100	76	67	61	47	37	29
M - N	95	95	95	82	82	65	57	49	36	28	22

Each diamond chart for every category will give you the following:

The rough diamond weight.

An image of the crystalline structure.

A description of the crystalline structure.

The number of finished stones.

The calculated weight of the polished and finished diamond.

The maximum values per carat for that rough diamond.

The color scale.

The clarity scale.

If you want to subscribe to these rough diamond price lists, please click on this link [Rough Diamond Price Lists](#).

Rough Diamond Prices Simulator

We offer you a simulator of prices (images below) for the purchase of rough diamonds which is accessible on subscription.

Very easy to use, specify the crystalline shape of rough diamond, its weight, its color and its clarity and the simulator calculates the purchase price of this rough diamond.

Rough Diamond Prices Simulator



Crystalline Shapes: Stone

Rough Weight: 6.50 carat

Color: I

Clarity: VS1

Quantity: 1 diamond

Gross Profit: 50 %

Search >>

Rough Diamond Prices Simulator



Crystalline Shapes: Cleavage

Rough Weight: 10.44 carat

Color: D

Clarity: VS1

Quantity: 3 diamond

Gross Profit: 50 %

Search >>

Rough Diamond Prices Simulator



Crystalline Shapes: Macle

Rough Weight: 3.35 carat

Color: G

Clarity: SI1

Quantity: 5 diamond

Gross Profit: 50 %

Search >>

The results page showing the price of the rough diamond appears below.

Results



▶ Crystalline Shapes	Stone
▶ Rough Weight	carats
▶ Color	D E F G H I J K L M
▶ Clarity	IF VVS1 VVS2 VS1 VS2 SI1 SI2 I1 I2 I3

Rough Diamond Prices

12,200 €

Well formed octahedrons or dodecahedrons, without "obvious" flaws

▶ Quantity	1 rough diamond
▶ Rough Weight Yield	50%
▶ Number of Polished Diamond	2 Stones (Round Brilliant Cut)
▶ Polished Weight	carats each stone
▶ Polished Value	24,400 € (50% from the rough)
▶ Gross Profit	12,200 € (50%)

The simulator will:

Give you the total weight of the finished stones.

Give you the total value of the rough diamond purchase.

Give you the ability to alter the profit margins for the purchase and sale of the rough diamond.

Give you an overview of all structures (stones, shapes, cleavages, flats, and macles), all of them can be analyzed.

Give you a rough diamond purchase price in the local currency of your choice.

Give you a purchase price for 1 rough diamond or a parcel.

If you want to subscribe to this rough diamond prices simulator, please click on this link [Rough Diamond Price Simulator](#)