

# Rough Diamonds- Things You Need to Know

Rough diamonds are diamonds that have been taken out of the earth's core but remain in their original state. They are cut or processed to produce the magnificent diamonds present in all of our distinctive jewellery.

**Rough diamonds** appear more like a common piece of glass to the untrained eye. They are numerous in colour and have a matte, greasy appearance. For their pristine, unaffected natural nature, rough diamonds are highly regarded. The worth of a rough diamond is challenging for the average person to comprehend or grasp.



There are 5 distinct stages in the diamond cutting process.

### **1. Organizing -**

The most crucial phase is by far this one. The size, purity, and form of the diamond are all determined at this point. If anything is done wrong, even by a tenth of a millimetre, the consequences could be quite expensive.

## **1. Cleaving or sawing -**

The diamond is usually clipped, or conversely, it may be cleaved or sawed after the pattern has been sketched out and approved by the producer and the cutters. A laser or a rotating saw with a diamond coating can be used for sawing. This is the most hazardous phase of the procedure.

## **1. Bruiting -**

To get a circular diamond ready for polishing, the fundamental face-up shape is created through bruiting or girdling. The diamond that is getting bruited is rotated on a revolving machine while being pressed against another diamond, eventually creating the rounded pattern.

## **1. Polishing -**

The diamond's final dimensions are determined by this final and second-most crucial stage. How well a diamond is polished will affect how much brightness and sparkle it finally exhibits.

## **1. Final Examination -**

In this last step, the diamond is extensively cleaned in acids before being inspected to determine whether it satisfies the manufacturer's performance requirements.

To turn the world's toughest material into a lovely and priceless polished gemstone, refining rough diamonds need an extraordinary lot of perseverance, talent, and thoughtfulness. The ultimate purpose of diamond polishing is to achieve the finest cut and the greatest amount of carat size while maintaining low manufacturing costs, ensuring that the savings may be reflected in the price. Maximizing the smooth diamond's brilliance is equally crucial.