

NAMAQUA MOISSANITE



BOOKLET
2021

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THE ONLY DIAMOND ALTERNATIVE



www.moissanite.space



ABOUT MOISSANITE

What is Moissanite?

Moissanite is a beautiful lab grown gemstone . It occurs in nature but only in very small amounts with crystals that are too small to be used in jewellery. The composition of Moissanite - Silicon Carbide - SiC .

Does moissanite weigh the same as diamonds?

No, it does not. Moissanite gemstone will weigh approximately 15% less than a diamond of the same size. Using a high precision jewellery scale will easily show the difference in weight.

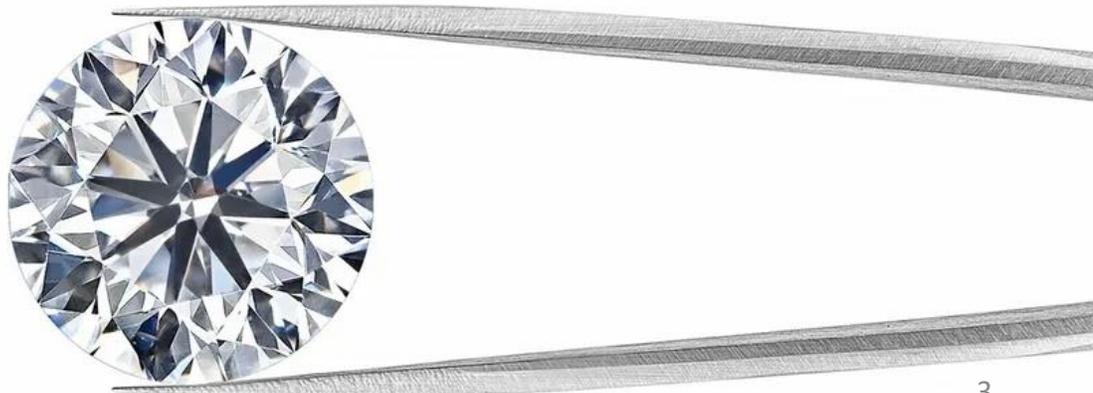
What is Brilliance, Fire and Scintillation?

Diamond & Moissanite fire is simply the coloured sparkle that you can see when the stone is exposed to light. In contrast to fire, brilliance is the colourless light that is emitted from the stone. Scintillation is a term that refers to the flashes of light you can see when you hold and move the stone.

How can Moissanite be distinguished from other colourless gemstones?

Moissanite can be identified by using:

- Moissanite testers
- A gravity test with a calibrated medium such as methylene iodide
 - Double refractive properties
 - Needle-like inclusions
- No gem can sparkle like Moissanite – it has more scintillation than any other gemstone.



MOISSANITE GRADING

Grading

The grading of a diamond is extremely strict and precise and very different from grading moissanite. We have seen certificates for moissanite that are misleading and incorrect by diamond standards. Using diamond clarity grade terminology for any gemstone other than a diamond can be misleading. Just trying to compare colour to a diamond is also going to do harm to a moissanite.

Grading terminology

We use the ICSL grading system for all gemstones except diamond, which uses percentages and plain English.

Clarity terminology

Eye clean, very lightly included, lightly included, moderately included, heavily included

Colour descriptions for moissanite

Colourless, near colourless, slightly tinted, tinted. As well as the obvious colours including: Blue, Green, Grey, Yellow, Champagne, Black and Cognac.

Hardness

On the Mohs scale of hardness moissanite is closer to 9.25 to 9.5 where diamond is a 10. Moissanite is the seconds hardest gemstone next to diamond.

Optical properties

You cannot compare the proportions of moissanite to that of a diamond. The optical properties are different, so cutting a moissanite to diamond proportions will block out light and not display its properties properly. The critical angle of a diamond is 25 and moissanite 22, so the angles must be cut differently to get the most out of it.

Source: Jeremy Rothon - The Gem Lab



All required gems are graded and certified by [The Gem Lab](#) in Cape Town, one of the most trusted names in the gemological industry in South Africa.

We also pride ourselves in our lifetime replacement warranty against scratching, chipping or discoloration.



THE GEM LAB
GEMMOLOGICAL SERVICES

MOISSANITE VS DIAMOND



A moissanite gem is approximately one-tenth the cost of a mined diamond of equal size and quality - The value of moissanite is greater with larger size stones. Lower quality, smaller diamond tends to cost more than a higher quality, larger moissanite stone.



Moissanite has more fire and brilliance than any other gemstone, therefore it has more sparkle. Because moissanite is double refractive, it is cut differently than diamonds to enhance the beautiful sparkle.

Moissanite has over twice the dispersion value of a diamond, which means that it has a greater fire that is visible when you rotate the stone giving a rainbow-like effect, while diamonds reflect whiter light.



Moissanite and diamonds can both be colourless. Colour descriptions for moissanite includes: Colourless, near colourless, slightly tinted and tinted. Colours also include: Blue, Green, Grey, Yellow, Champagne, Black and Cognac (non-chemically coated colour moissanite).



Diamonds are the hardest known mineral and can withstand almost any kind of wear and tear. Moissanite is second hardest to diamonds on the Mohs hardness scale. Based on rankings from one to 10, diamonds are at 10 and moissanite comes in at 9.25-9.5. Moissanite is a very durable option making them ideal for an engagement ring, especially since the material does not scratch easily.



NAMAQUA MOISSANITE



We pride ourselves in our lifetime replacement warranty against scratching, chipping or discoloration.

Our Moissanite is available in all standard sizes
We can also custom manufacture any size according to requirements.

Moissanite Colour Range:

Colourless – Near Colourless – Slightly Tinted – Colour Moissanite

Namaqua Moissanite gemstones are exclusively available through authorised resellers – visit:

<https://www.moissanite.space/moissanite-jewellers>

For more information visit us at

www.moissanite.space

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THE ONLY DIAMOND ALTERNATIVE

MOISSANITE CUTS

ROUND BRILLIANT CUT



Traditional cone shaped cut with a rounded top for maximum light reflection. Best cut for sensational fire and brilliance. 57 Facets

OVAL CUT



Perfectly symmetrical cut for exquisite sparkle and light reflecting properties. The elongated shape gives the illusion of a larger stone. 69 Facets

PEAR CUT



Classic style with intense glow. Perfect for stacking or pairing. Shaped like a teardrop, with one semi-circular end, evenly rounded shoulders and gently curved wings. 73 Facets

SQUARE CUSHION CUT



Beautiful square or rectangular shape with rounded corners that resemble a pillow, with large facets and curved sides. 58 Facets

PRINCESS CUT



This cut has a square or rectangular shape when viewed from above and features four bevelled sides that comes in at a point like an upside-down pyramid 76 facets.

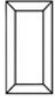
ASSCHER CUT



The Asscher cut features a deep pavilion and high crown. It has a square shape with angled corners and large elegant, layered facets giving it an octagon shape. 57- 58 Facets

MOISSANITE CUTS

STRAIGHT BAGUETTE CUT



A straight baguette is a relatively small, elongated stone that usually is rectangular in shape. Characterized by square corners with rows of step-cut like facets parallel to the table. 14 – 24 Facets

TAPERED BAGUETTE CUT



A tapered baguette is a relatively small, elongated stone where the two long sides taper inward to form a long trapezoidal shape. 14 – 24 Facets

EMERALD CUT



Striking rectangular shape with stepped, cut corners. (Similar to the Radiant cut). This shape has long facets that give out radiant and continuous flashes. 53 Facets

RADIANT CUT



Elegant rectangular shape with stepped, cut corners similar to emerald cut. Degree of fire resembles that of round brilliant. 53 Facets

TRILLION CUT



Gorgeous triangular shape - three ideally equal sides with smooth, rounded edges. 31 to 50 Facets

ELONGATED CUSHION CUT



Elongated cushion cuts are long and elegant. Like a regular cushion cut, but it has more of a long, slender rectangular structure rather than a square shape. 58 Facets

MARQUISE CUT



Stunning elongated stone with curved sides and pointed ends. 57 Facets

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