



Dorotheum Diamond Guide – the 5 Cs

The **diamond**, from the Greek „adamas“ meaning unbreakable, continues to live up to its name.



Even today, we do not know of a harder gemstone, the diamond being 140 times harder than the second hardest precious stone, the corundum (sapphire, ruby).

Internationally agreed criteria measuring the quality of a particular diamond are known as the 4 Cs, representing its weight in **Carat**, its **Clarity**, **Color** and **Cut**.

In addition to these 4 criteria, that can be measured at our jewelry lab, Dorotheum considers a fifth 'C' to be of equal importance: Confidence

Carat


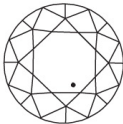
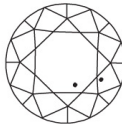
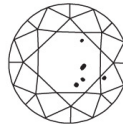



For **the weight** of precious stones, the unit of measurement used is the carat, equaling 0,2 gram, and originally deriving from the term for the seeds of carob tree which were used as weights.

							
4.00 ct 10,50 mm	3.00 ct 9,50 mm	2.00 ct 8,20 mm	1.00 ct 6,50 mm	0.75 ct 5,80 mm	0.50 ct 5,00 mm	0.40 ct 4,70 mm	0.30 ct 4,40 mm

Clarity

The **clarity** of a diamond is determined by an experienced expert using an aplanatic, achromatic magnifier (10x) and a suitable light source in accordance with the recommendations of international institutions (e.g. Cibjo/IDC)

Clarity Grade

LC IF	VVS ₁ VVS ₂	VS ₁ VS ₂	SI ₁ SI ₂	P ₁	P ₂	P ₃
						
loupe-clean	very, very small inclusions	very small inclusions	small inclusions	Piqué 1	Piqué 2	Piqué 3
high clarity grade		middle clarity grade		lower clarity grade		



DOROTHEUM juwelenlabor

Color

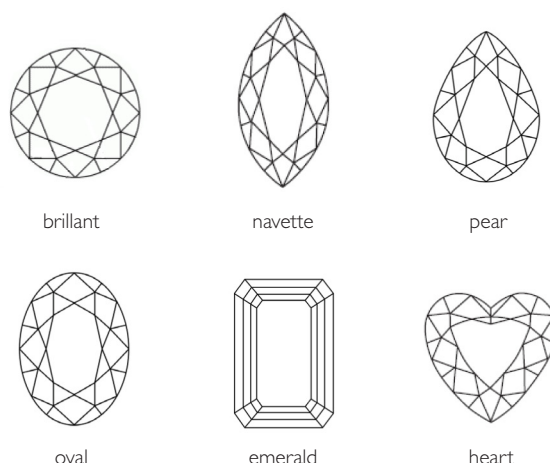
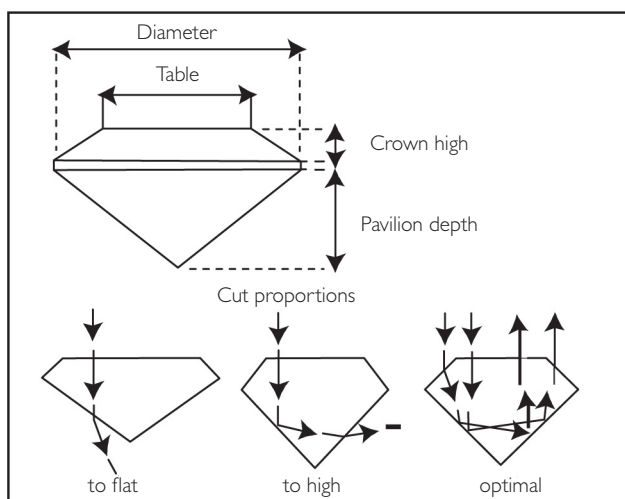
The **coloring** of diamonds ranges from pink, green and blue to red. Colored diamonds are known as „fancy“, however, the majority of diamonds ranges from colorless to pale yellow/brown in coloration. Color is graded using internationally agreed reference scales and in accordance with the recommendations of international institutions (e.g. Cibjo/IDC).

Color Grade

D - E	F - G	H	I - J	K - L	M - N	O - P	Q - R	S - Z
exceptional white+	rare white+	white	slightly tinted white+	tinted white+	tinted colour			
exceptional white	rare white		slightly tinted white	tinted white				
River	Top Wesselton	Wesselton	Top Crystal Crystal	Top Cape	Cape	Light Yellow		Yellow
high color grade			middle color grade			lower color grade		

Cut

The **cut** primarily describes the stone's shape, with the brilliant cut being the most frequently found form. Other popular cuts include the navette-, pear-, oval-, emerald- and heart-shaped cut. The 57 facets of the brilliant cut offer optimal proportions and light-reflection.



Confidence

We value **your trust!** Our philosophy - to your advantage.

Should you require advice or information please contact our state-of-the-art gemological laboratory.

Jewel laboratory

Palais Dorotheum, Dorotheergasse 17, 1010 Wien, Hochparterre, room 10
Mon-Fri 08:00am – 3:00pm

Dorian Eckmann,

Tel. +43-1-515 60-277, E-Mail: dorian.eckmann@dorotheum.at

Alexander Spiesslechner,

Tel. +43-1-515 60-273, E-Mail: alexander.spiesslechner@dorotheum.at