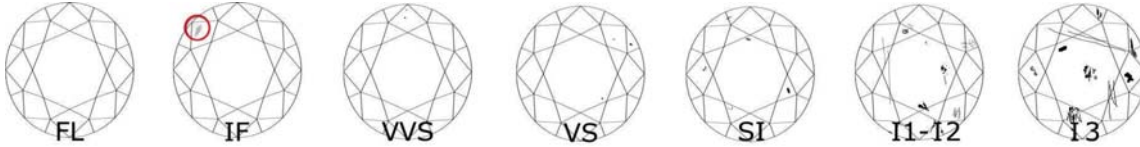


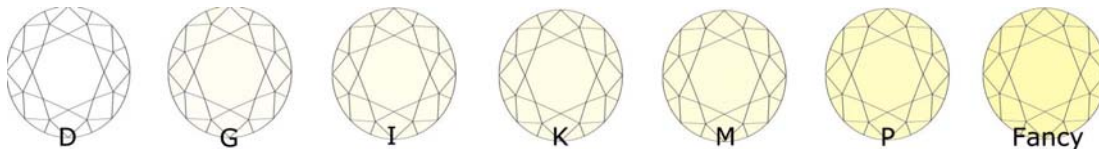
DIAMOND DEFINITIONS AND REFERENCE TABLES

Clarity: In gemstones, the incidence of inclusions and surface blemishes. One of the “four C’s” in Diamond grading. There are several clarity grading scales throughout the world. The clarity grading scale used in this report is that of the G.I.A. Some of the grades are split (e.g. VVS1 and VVS2). Size, position and number of inclusions determine the distinction between the split grades. The descriptions below assume an expert eye using a 10X loupe corrected for spherical aberration. The following diagram is not literal and is for illustration purposes only.



- FL: Totally free of any internal or external blemishes.
- IF: Free of any internal blemishes.
- VVS: Extremely small internal blemishes that are difficult, to extremely hard to find.
- VS: Very small internal blemishes that are: not too difficult to, easy to detect.
- SI: Small internal inclusions which are very easy to find.
- I1-I2: Internal characteristics that are visible to the trained, but unaided eye. They may diminish the brilliance.
- I3: Large and/or numerous internal blemishes that are easily visible to the naked eye. Brilliance is diminished, and structural integrity may be jeopardized.

Color: The classification of body color of cut diamonds. One of the “four C’s” in diamond grading. There are several color grading scales used throughout the world, the scale used in this report is that of the GIA. The range is from colorless (“D”) to yellow, brown or grey (“Z”), beyond is termed Fancy. The following diagram is not literal and is for illustration purposes only.



Cut: The following is a modified table of diamond proportion classifications published by David Atlas and Joseph Tenhagen, copyrighted in 1997.

DIAMOND PROPORTION GRADING SCALES - RANGE OF PARAMETERS

CLASS	CLASS I Ideal/Premier	CLASS II Fine			CLASS III Commercial			CLASS IV Promotional		
SHAPE	Round	Round	Pear, heart, oval, marquise	Emerald, radiant, princess	Round	Pear, heart, oval, marquise	Emerald (E) radiant, princess	Round	Pear, heart, oval, marquise	Emerald, radiant, princess
Table %	53-60 > 1/2 ct 53-62 < 1/2 ct	58-61.9 62-64	56-60 63-64	59-61 65-69	52.9-57.9 64.1-70	52-55.9, 64.1-70	53-58.9 68.1-76	<49-50.9, 70.1->72	<50.0-51.9 70.1->72	<50-52.9 76->78
Depth %	58.3-62.9	58-59 61-62	58-59 63-65.4	58-60 65-69	56.5-57.9, 62.1-65	46-57.9, 65.5-71	56-57.9 69.1-78	<56-56.4, 65.1->67	<43-45.9 71.1->73	<53-55.9 78.1->80
Crown Angle degrees	34-35	31.6-32 32.1-36.4	31.6-33 34.4-36	31.6-32 34.4-36	29.6-31.5, 36.5-39.4	30-31.5, 36.1-37.5	29.6-31.5, 36.1-37.5	<29-29.9, 37.8->39	<29-29.9 37.6->38	<29.0-29.5 37.6->38
Crown Height %	16.2	11.1-15.5	11.1-12 13.7-15.6	11.1-11.5 12.9-15.6	15.6-20.1 8.5-11	8.7-11 15.7-18.4	9.5-11.0 15.6-16,17.4- 18.4	20.2 > 21.8 < 7.7-8.4	< 7.8-8.6 18.5 > 19.5	< 7.8-8.7 18.5 > 19.5
Girdle Size	slightly thick - medium	thick - thin	thick - thin	thick - thin	very thick - very thin	very thick - very thin	very thick - very thin	ex thick - ex thin	ex thick - ex thin	ex thick - ex thin
Pavilion Depth %	42.5-43.5	42-42.4 42.5-44	42.0-42.5 44-46		40-41.9 44.1-46	40-42 46.1-48		<38-39.9 46.1->48	<39-39.9 48.1->50	
Finish: polish and Symmetry	very good- excellent	good- excellent	very good- excellent	good-excellent	good-fair	good-fair	good-fair	fair-poor	fair-poor	fair-poor
L/W Ratio P-pear, O-oval, H-heart, E-Emerald M-marquise R-Radiant Pr- Princess			P 1.50-1.75 M 1.75-2.25 H 0.98-1.02 O 1.33-1.66	E .95-1.75 R .95-1.75 Pr .95-1.75		P 1.26-1.99 M 1.51-2.49 H 1.24-0.91 O 1.26-1.74	E 1.51-2.49 R 1.24-0.91 Pr 1.26-1.74		< Class 3 min.- > Class 3 max.	< 0.91-1.51 (Class 3 minimum)