

**Diamond Check List**  
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**Grader**

- Graduate Gemologist (GG)
- Gemologist
- Fellow of the Gemological Association of Great Britain (FGA)
- No Gemological Title
- Independent Gemological Laboratory (GIA, AGS, HRD, etc.)
- Grading System Used and described

**Grading Equipment**

- Fully corrected binocular microscope (10-60x)
- Fully corrected 10x triplet loupe
- Darkfield loupe
- Diamond Light
- Certified Diamond Master Stone Set •Ask to see a copy of certification•  
{must be a minimum of (5) diamonds at least 1/3<sup>rd</sup> of a carat each. CZ  
*“master sets” are NOT acceptable! CZ color fades over time and the crystal structure and chemical composition is different and therefore the stones look different.*} Note: this next statement comes directly from the GIA  
insider electronic newsletter “Caution: Even though you have a diamond with a GIA Diamond Grading Report, you should never use it to grade the color of other diamonds”
- Colored Grading System for fancy colored diamonds (e.g. GemDialogue )
- Electronic Color Grading Equipment (e.g. Gran Colorimeter)
- Long and short wave ultraviolet light
- Fiber optic light
- Electronic Diamond Balance (must read to .001ct)
- Leveridge gauge or micrometer
- Proportion analyzer ( e.g. Sarin)
- Digital Refractometer
- Brewster Angle Refractometer
- Thermal Conductivity Tester
- Moissanite Detector
- Specific Gravity Fluids
- Hydrostatic Scale
- Polariscope
- Spectroscope
- Polarizing Filters

**How stones are set must be included (bezel, 6 prong, channel, etc.)**

**Melee (.005-.19ct)**

- Weight
- Shape (round, marquise, pear, etc.)
- Faceting (full cut, brilliant, old European, step)
- Physical Measurements ( Length x Width x Depth)
- Clarity (any damage must be noted e.g. I1- damaged)
- Color
- Proportions Statement (good, fair, excellent, etc.)

- Finish {polish & Symmetry} Statement (poor, good, very good, etc.)**
- Enhancements (laser drilling, fracture filling, etc.)**
- Multiple Stones [The statement of “ten diamonds total weight 1.00ct is not enough. There must be an individual breakdown of measurements e.g. ten diamonds with a total weight of 1.00ct, measuring three at LxWxD, two at LxWxD, and five at LxWxD.]**

### **Small Diamonds (.20-.49ct)**

- Weight**
- Shape**
- Faceting**
- Physical Measurements**
- Clarity**
- Color**
- Total Depth %**
- Table %**
- Girdle Thickness minimum to maximum**
- Culet Size**
- Proportions Statement**
- Finish Statement**
- Long Wave Fluorescence (Faint, moderate, strong, what color)**
- Enhancements**

### **Large Diamonds (.50ct and larger)**

- Weight**
- Shape**
- Faceting**
- Physical Measurements**
- Clarity**
- Color**
- Total Depth %**
- Table %**
- Crown Angle**
- Crown Height %**
- Girdle Thickness minimum, maximum, and average**
- Pavilion Depth %**
- Culet Size**
- Cut Grade (AGS Standard)**
- Finish Statement**
- Long Wave Fluorescence**
- Enhancements**
- Plot of diamond with key**
- Laboratory Grading Report Number (e.g. GIA# 123456789)**