

What are Inclusions?

You will rarely find a gemstone which is flawless. Many that you examine with the unaided eye will appear to be clean. When magnified, most gems will contain some sort of discoloration, foreign material, or irregularity in crystal structure.

Many inclusions occur during formation, and they can tell us a good deal about the gem's history. For this reason, many in the trade call inclusions, "identifying characteristics." Some inclusions you may find are: other crystals enclosed in the host gem material, inclusions formed in a crystal as it cools (rutile needles in sapphire or ruby), organic inclusions (like the bugs in amber), irregular growth in crystal structure, liquid or gas inclusions, cavities, and breaks or splits which are called feathers in the trade.

Diamonds are the only gem which has its own elaborate clarity grading system.

Visit our website at: http://www.koserjewelers.com/eng_bridal.htm for more information.