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Types of diamond cutters by Martin Berry

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Diamonds may be one of the most sought after gems but unless theyâ€™re cut well by a person whoâ€™s well versed in the art of diamond cutting, the stone can decrease in value. After all, a diamond is priced based on clarity, cut, color and carat. Therefore, a poorly cut stone isnâ€™t likely to be sought after by buyers than one that is well cut to the point that it brings out its brilliance.

A diamond cutter is a person who is specialized in cutting diamonds. He holds the key to whether a rough hewn stone can be made to look exquisite. Since diamonds are one of the hardest substances on earth, only special skills that are learnt at certain institutes can be used to shape them. A diamond cutter, thus, must learn how to hone his skill before he goes professional.

While most of us know diamonds as being precious stones, there are some that arenâ€™t worth value. These are relegated to use by industries in the form of diamond blade. A diamond saw blade is one that is tipped with industrial diamonds to be able to cut through very hard material.

A diamond saw blade can come in various forms depending on the type of material that needs to be cut. Depending on the hardness, you can choose from thin kerf, soft bond blades or a thick kerf, hard bond blade.

Thin kerf, soft bond blades

The harder the material, the softer the bond needs to be. For instance, if youâ€™re cutting materials like sapphires or tough aluminum, then you will need a thin kerf, soft bond blade. It will cut through easier and more smoothly than other types.

Thick kerf, hard bond blade

Materials such as flagstone and sandstone will need the help of a thick kerf, hard bond blade to be cut. This will ensure a smooth cut as well as extend the life of the blade.

Before undertaking an cutting work using diamond saw blades, itâ€™s a good practice to understand the type of material that needs to be cut. Which is why not just everybody should wield a blade since lack of know-how can damage a blade, result in poorly cut material and even cause injury to the cutter.

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