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Are you aware, what are Diamond Tools? If defined in a precise manner, these tools use diamonds as an abrasive for cutting purposes. A core bit is a special diamond tool that looks like a long hollow tube and has diamond crumbs embedded on its tip. Diamond Core Bits can be called as magic cutters that are used to drill holes in Concrete Walls, Toughened Concrete, Granite & Marble Countertops and other such material.

The holes drilled using this equipment are big in build and these core bits are usually used in construction industry for doing drilling of all sorts. It is also used by various mining companies.

Why Diamonds over common abrasives?

Most people, all who do not belong to the construction and mining industry, usually refer the term diamond as a piece of jewel or something of that nature. But the reality is that diamonds are one of the hardest substances found on earth. Hence, as Core Bits are used to drill into hard surfaces like of highways, building bridges, runaways, drainage pipes, dams, walls, floors, pavers and field stones, diamonds are the best abrasives to be used. Qualities like high strength, good wear resistance and low friction coefficient makes diamond far more advantageous than common abrasives like corundum and silicon carbide.

Some related facts and Tipsâ€¦

â€¢ Diamond Core Bits are much faster than other drill bits and gives more precision and cleaner end result.

â€¢ The best thing about core bits like other diamond tools is that they never need to be sharpened; they cut or drill effectively might it be the first day or last day of its use.

â€¢ You just need to check the condition of diamonds on the tip to see if drilling tool is in viable condition or not.

â€¢ Diamond Core Bits come in both dry and wet variety; hence can be used both with and without water. It depends on your need and purchase, which one to buy. Remember, not to use wet drill without water as this may not let it last longer.

â€¢ If you have never used a core bit before, it is advisable to step down to the nearest local rental yard. Rent a diamond drilling bit and take a trial first.

â€¢ Although, the prices of industrial grade diamonds have dropped immensely over last few years but still buying a diamond drilling bit can be really expensive. However, these bits are far more efficient and long lasting than any other drill bit; these can save you money in long run.

â€¢ These core bits can kick-up more dust and can spin up really fast due to higher efficiency. So, ear plugs, goggles and gloves are a must!

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