

Diamond Saw Blades

Diamond saw blades are **metal bond diamond blades** with multiple layers of synthetic **diamonds** impregnated inside the bond matrix. The metal bond is rigidly sintered or welded with a circular steel core. **Diamond saw blades** are versatile **cutting tools** that are widely used for **cutting** a large variety of materials such as marble, granite, concrete, asphalt, building materials and many other abrasive materials.



Blade type		Laser Welded	Silver Brazed	Sintered Blades	
				Hot pressed	Cold pressed
Factors					
Wet or dry cutting		Wet/dry	Wet	Wet/dry	Wet
Binding Strength	Wet	****	***	***	**
	Dry	****	**	***	**
Cost		***	****	**	*
Productivity		**	*	***	****
Durability		****	****	***	**
Cutting Speed		****	****	****	***

CO-MAX MACHINERY TOOLS LIMITED

The quality and life of a **diamond blade** usually depend on purpose of use.

- Professional: It is for a large scale of use on a regular daily basis. Durability and fast cutting are both considered.
- Contractor or builder: Require fast cutting speed and regular use with reasonable durability.
- DIY: Small job or occasional use, fast cutting with reasonable life.
- Promotional: Shorter life but cutting well with coolant.

Purposes Factors	Professional	Contractor	DIY	Promotional
Life	****	***	**	*
Cutting Speed	***	****	***	**
Price	***	***	**	*
Cost per cut	*	**	***	****