Diamond Blades — Important Information

Equipment Reference Icons

Angle Grinders (4" to 9")

Hand-Held Power Drill

Circular Saw (4" to 10")

Hand-Held Cut Off Saw

Tile/Masonry (Table) Saw

Masonry (Table) Saw

Floor Grinder

Flat Saw (Small HP)

Flat Saw (Medium HP)

Flat Saw (Large HP)

Crack Chase Saw

Core Drill Rig

Chop Saw

Equipment Icons

Various ICONS are placed next to the Diamond Tools to represent the equipment that is recommended for proper operations.

There are many occasions where Diamond Blades/Bits can be used on multiple pieces of equipment. It is very important to check shaft speed (RPM), flange/mounting sizes and power rating and other specifications to ensure that the power tool used matches up to the chosen Blade/Bit.

Value/Performance Reference Icons

Economy	Quality product with fine operational life.
Economy Plus	Very good quality, cutting speed and operational life.
Standard	Great performing product. Great value for your investment.
Premium	Excellent performing product. Exceptional return-on-investment.
Premium Plus	Superior designed product. Trusted performance and service life.
Supreme	Outstanding performing product. with an equivalent return-on-investment.
PRO Series	Highest quality product. Professional performance, operational life and results.

Performance Icons

Value ICONS are placed next to the Diamond Tools to represent overall performance, value and return-on-investment.

Factors that determine the overall value are:

- Segment/Rim Height
- Diamond Type
- Diamond Quality
- Diamond Concentration
- Segment/Rim Weld Process
- Steel Core/Bit barrel quality design

DRY/WET CUT

Diamond Tools classified as 'DRY/WET' may be cooled with water or use the circular airflow of operations to diminish the build-up of heat. When operating 'DRY', it is best to use an intermittent cutting/drilling procedure to allow sufficient time for steel core/barrel cooling.

WET CUT

Diamond Tools classified as 'WET' must be used with water to reduce the extreme heat that builds up during operations. Water also reduces the dust signature and helps remove residue. Operating a WET product without water may cause diamond tool damage and creates a safety hazard. A continuous flow of fresh water is critical to safe, effective operations.

DRY CUT

Diamond Tools classified as 'DRY Cut' are specifically engineered to operate with the circular airflow as the sole agent for cooling the core/barrel. Water may be used to help cool and control dust.

DRY DRILL

Diamond Tools classified as 'DRY Drill' are specifically engineered to operate with the circular airflow as the sole agent for cooling the core bit barrel. Their best performance is generally characterized by not using water, but minimal water may be introduced to help cool and control dust during drilling operations

Blade/Bit Cooling Icons

Cooling icons are placed next to the Diamond Tools to represent the required methods (water and/or ambient air) to properly cool the diamond tool during operations.