

## Technical Notes

### Trim Master

Alpha® introduces the Trim Master, the first dry cutting blade designed for Sliding Miter Saws. This new dry cutting diamond blade is specifically designed to be used at high RPMs. This specialty blade is ideally suited for baseboard, back splash, end cap, mirror frames and any other molding applications.

#### Sections:

- How to Use
- Frequently Asked Questions (FAQs)
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Part No.	Size	Maximum RPM	Arbor
TM10A+	10"	5,900	5/8"

### How to Use

Mount the Alpha® Trim Master Dry Cutting Saw Blade onto the appropriate power tool designed for the blade diameter: This blade is designed for Sliding Miter Saw with a 10" diameter blade.

When mounting the blade onto the power tool, make sure the blades directional rotation matches the spindle rotation of the power tool.

Always make sure the power tools safety guard is mounted onto the tool. If the blade doesn't fit with the safety guard on the tool, it is probably using the wrong size power tool.

### Frequently Asked Questions (FAQs)

#### Which way do I install the blade on my tool?

The blade direction is printed on the front of the blade. Install the blade so that the blade will follow this direction. If the front of the blade is no longer legible, a directional arrow is embossed into the back of the blade. As a last resort, examine the diamonds. The bond tail behind each diamond should be pointing the opposite direction of blade rotation. If the blade is installed incorrectly, the bond tails will reverse direction, which may cause some premature wear.

#### On which saws do you recommend using the Alpha® Trim Master Dry Blade?

This particular blade will fit all miter box saws on the market; however, this blade is most suited for sliding saws with a higher RPM, such as:

Bosch Model No. 4410L (4,800 rpm)  
Bosch Model No. 3915 (4,700 rpm)  
Milwaukee Model No. 6497-6 (4,800 rpm)  
Metabo Model No. KGS303 (5,020 rpm)

#### What materials can I cut with the Alpha® Trim Master Dry Cutting Saw Blade?

The Trim Master Dry Saw Blade is primarily designed for granite and engineered stone.

#### What applications will the Alpha® Trim Master Dry Blade be used for?

This blade is ideally suited for baseboards, backsplashes, end caps, mirror frames and other molding applications.

**Can I use the Alpha® Trim Master Dry Blade for wet application?**

Yes. The Alpha® Trim Master Dry Blade can be used as a wet cutting blade. Please make sure to attach a GFCI when using a miter saw with water for the safety of the operator.

**Do you recommend plunge cutting or using the sliding method for cutting on the sliding miter saw?**

We recommend using the sliding method when using a sliding miter saw.

**The speed of my cut is slowing down. What can I do to improve it?**

The diamonds are rounding over or glazing causing the blade to lose its cutting ability. You need to re-dress the blade using a soft abrasive material such as a dressing stone or a concrete block.

**Can I use this blade for cutting marble?**

Yes. However, you may encounter some chipping of the edge of material due to this blades turbo rim design and diamond matrix selection. We recommend making test cuts on scrap pieces of marble to understand the quality of the cut.

**Can I use this blade for cutting metallic glazed porcelain?**

No. Alpha® recommends using the Alpha® Metalgres tile blade which is specifically designed for cutting metallic material.

**What is the maximum RPM which I can use Trim Master Dry Cutting blade?**

See the chart on page 1.

**What is the arbor size of the Trim Master Dry Cutting blade?**

See the chart on page 1.

**Helpful Hints**

- This blade best performs on Sliding Miter Saws which run at higher RPM compared to conventional 10" diameter RPM ranges of 3,200 – 3,800.
- This is a dry cutting blade which can be used wet if you attach a GFCI plug.
- Do not force the blade to cut. Allow the diamonds to perform cutting through the material. Slower cutting helps eliminate chipping on the cut edge.
- Take appropriate steps to assure personal safety when performing any cutting application
- Review operations manual of the power tool to assure proper usage.

**Reference**

For more product information, visit us on the web at [www.alpha-tools.com](http://www.alpha-tools.com).