

## Technical Notes

### Quad Segmented

Alpha Professional Tools® recognized the need for a 7" segmented blade for flush cutting applications. We designed this blade to work on 7" angle grinders commonly used in various applications within the stone industry. Ideally suited for flush cutting applications such as 90 degree corners, the Alpha® Quad Segmented Blade provides an aggressive segmented style cutting action with the convenience and life of a direct sintered blade, whether it is used wet or dry. Monumentalists will appreciate the versatility of this blade and love its aggressiveness. Fabricators and tile contractors will find the Alpha® Quad Segmented Blade an excellent choice. This versatile blade is very adaptable for a wide range of cutting applications such as bevels, checks, rabbets and washes. It features extra tall 1/2" segments for long life and superior performance. The Alpha® Quad Adapter provides an extra measure of safety. The Alpha® Quad Segmented Blade surpasses any of the competition for ability and longevity.

#### Sections:

- How to Use
- Frequently Asked Questions (FAQs)
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Part No.	Size	Maximum RPM	Arbor
DV07HH	7"	8,400	20mm Quad Drive

### How to Use

Mount the Alpha® Quad Segmented blade onto the Alpha® BAH-5/8 Quad adapter by the following mounting procedure. Place the blade on the Quad adapter making sure the countersunk holes drilled into the blade are facing upward. Align the hole pattern of the blade together with the hole pattern of the adapter and insert the countersunk screws. Tighten the screws using a screwdriver making sure the heads of the countersunk screws are level with or below the level of the blade core.

The Alpha® Quad Segmented blade is now ready to be placed on an angle grinder rated for the diameter blade being used.

Always refer to the operation manual of the power tool for correct mounting procedures.

### Frequently Asked Questions (FAQs)

#### What materials can be cut using the Alpha® Quad Segmented blade?

The Alpha® Quad Segmented blade can be used to cut tile, brick, block, concrete, slate and natural stone, including granite.

#### On what granite classifications do you recommend using the Alpha® Quad Segmented blade?

The Quad Segmented blade is best suited for Medium to Soft granite classifications.

#### The Alpha® Quad Segmented is a dry cutting blade, can I use this blade for wet application?

Yes. Wet cutting will generally increase blade life and will keep harmful dust (Silica) out of the air.

#### What is the cutting edge rim height of the Alpha® Quad Segmented blade?

Alpha® Quad Segmented blades feature extra tall, 1/2" segments.

#### What is the spindle size required for use of the BAH-5/8 adapter?

This adapter has a 5/8"-11 thread size.

#### Does Alpha® offer other spindle sizes for the BAH adapter?

Yes. Other spindle sizes are available. Please contact your dealer or Alpha® directly to learn more about these other thread sizes.

**What applications are the Alpha® Quad Segmented blade designed for?**

The Alpha® Quad Segmented blade is designed for flush cutting and making 90 degree inside corners.

**Can I use the Alpha® Quad Segmented blade without the BAH adapter?**

No. The Alpha® Quad Segmented blade must always be used together with the BAH adapter. Alpha does not recommend mounting the Quad Segmented blade directly onto the flange of a power tool without the BAH-5/8 adapter due to the countersunk holes drilled within the core of the blade.

**What size angle grinder should I use the Quad Segmented blade on?**

This blade should be used on a 7" angle grinder not exceeding 8,400 rpm.

## **Helpful Hints**

- Use flanges and adapters which are specifically made for your power tool.
- Use of water will prolong the life of your dry cutting blade as well as keep harmful dust (Silica) out of the air.
- We recommend the step cutting method to prolong the life of the diamond blade.
- While cutting thick material, back off frequently to cool off the blade and prevent over-heating.

## **Reference**

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