

Technical Notes

Eclipse Segmented

The Alpha® Laser-welded Eclipse Segmented Blade is a general purpose blade designed for Contractors who have to cut various materials at the jobsite. Alpha® Eclipse Segmented cuts fast and smooth on concrete, concrete curbing, brick or block walls, pre-cast materials and much more. The Eclipse Segmented Blade will provide a more constant cutting depth and reduce down time changing the blade compared to abrasive cut-off wheels. This blade comes in two diameters, 12" and 14", with 1" arbor and 20mm adapter to fit on most popular high-speed gas powered and electric hand-held demolition saws. The steel core is hardened and Turbo style segments are laser-welded for safety. Blade can be used wet or dry.

Sections:

- How to Use
- Frequently Asked Questions (FAQs)
- Helpful Hints
- Reference



| Part No. | Size | Maximum RPM | Arbor |
|----------|------------|-------------|----------------------|
| DB12AL | 12" x .110 | 6,200 | (Segmented) 1", 20mm |
| DB14AL | 14" x .110 | 4,365 | (Segmented) 1", 20mm |

How to Use

Mount the Alpha® Eclipse Segmented blade onto your gas powered demolition saw. Following the mounting procedure outlined in the operations manual of your saw.

Wear proper safety equipment when operating the gas powered saw (view owners manual for proper personal safety equipment required)

Frequently Asked Questions (FAQs)

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

The Alpha® Eclipse Segmented blade can be used to cut concrete, concrete curbing, brick, block walls, pre-cast materials and much masonry materials.

The Alpha® Eclipse Segmented is a dry cutting blade; can I use this blade for wet application?

Yes, cutting wet 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® Eclipse Segmented blade?

Alpha® Eclipse Segmented blade's cutting edge rim height is 12mm.

What is the arbor size of the Alpha® Eclipse Segmented blade?

Arbor size is 1" and 20mm adapter which will allow the blade to fit on most popular gas powered and electric hand-held demolition saws.

What sizes do the Alpha® Eclipse Segmented blade come in?

Alpha® offers these blades in two sizes; 12" and 14".

Can I use the Alpha® Eclipse Segmented blade on a Masonry Saw, also known as "Brick & Block" saws ?

Yes. The Alpha® Eclipse Segmented blade will perform on masonry saws.

Helpful Hints

- When using gas powered equipment, make sure the saw is warmed up to obtain the optimum cutting performance of the diamond blade
- Use of water will prolong the life of your dry cutting blade as well as keep harmful dust (Silica) out of the air.
- Always wear proper safety equipment to protect hand, face, eye and hearing.
- 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 overheating.
- Use flanges and adapters which are specifically made for your power tool.

Reference

For more product information, visit us on the web at www.alpha-tools.com.