

Technical Notes

Groove Cutter

Alpha® leads the way by introducing the Alpha® Groove Cutter, designed to cut flawless grooves for joint seaming. Our patent pending design assures the grooves will be level to achieve maximum strength at each joint. Choose between two sizes to match the thickness of your material. The Groove Cutter works with the most popular high-speed angle grinders available on the market. A universal safety guard equipped with a water-feed and a Ground Fault Circuit Interrupter are the perfect accessories for this application and are available from Alpha®. To upgrade your quality and productivity for joint seaming, choose the Alpha® Groove Cutter.

Sections:

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



Part No.	Maximum RPM	Arbor	For Use On
GCW258	14,500	5/8"-11 Threaded	3/4" Granite Slab
GCW358	14,500	5/8"-11 Threaded	1-1/4" Granite Slab
MCW258	14,500	5/8"-11 Threaded	3/4" Marble Slab
GCWKIT	-	-	Universal Safety Guard Kit

How to Use

Press nylon guide down firmly on top of material and turn on polisher. Always apply sufficient downward pressure to prevent nylon guide from spinning. (Nylon Guide should not "Spin Freely" during operation). The purpose of the nylon guide is to ensure the Alpha® Profiler remains at the proper height so the profiled edge remains straight. The ball bearing/rotary touchier within the Alpha® Profiler will control the depth of the grinding action to ensure that the profiled edge remains straight and consistent. The application is complete when the operator no longer hears a grinding noise, and the run-off water is clear.

Frequently Asked Questions (FAQs)

Is the Alpha® Groove Cutter used wet or dry?

Alpha® Groove Cutter is for wet application only.

The Alpha® Groove Cutter looks like an Alpha® Profiler, can I use this on my polisher?

No, you must use the Alpha® Groove Cutting on a 5" high-speed angle grinder together with our Universal Safety Guard Kit (Part #: GCKIT) with an external water supply and GFCI (Ground Fault Circuit Interrupter).

What applications are the Alpha® Groove Cutters recommended for?

The Alpha® Groove Cutters are designed to cut flawless grooves for butt joint seaming.

Alpha® designed the Groove Cutters for 2cm (3/4") and 3cm (1-1/4") material.

GCW258 for 2cm (3/4") Granite or Engineered Stone

GCW358 for 3cm (1-1/4") Granite or Engineered Stone

MCW258 for 2cm (3/4") Marble Slabs

Can I purchase this nylon guide separately and replace my old worn out guide?

Yes, you may purchase this nylon guide through the Authorized Distributor of Alpha® Products where you purchased your Alpha® Groove Cutter. The part # for this nylon guide is: PFBNG01.

What is the life expectancy of the Alpha® Groove Cutters?

The life of the Alpha® Groove Cutters will vary when used on granites of different hardness classifications.

What materials can the Alpha® Groove Cutter be used on?

The Alpha® Groove Cutters are recommended for use on the following materials:

- Groove Cutter for Granite may be used on Granite and Engineered Stone
- Groove Cutter for Marble is designed for use Marble only

Helpful Hints

- Alpha® Groove Cutters are WET USE ONLY for HIGH-SPEED applications. Don't allow the nylon guide to free-spin during application as scratches on the surface of material may occur from slurry residue. The Alpha Professional Tools® logo on the nylon guide should be clearly displayed during profiling application when using the Alpha® Groove Cutter correctly.
- Use plenty of water during application. Use of water will flush away excess slurry from surface.

Reference

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