

Technical Notes

DG Style Grinding Wheels

Alpha® DG Style is an aggressive grinding wheel specially formulated to grind and shape natural stone products. They perform exceptionally well on most granites and harder materials. Alpha® DG Style can be used on most popular angle grinders. They are the ideal grinding wheels to profile edges, smooth out inside sinkhole cuts, smooth rough surfaces, prepare surfaces for lamination, and simple heavy material removal. Alpha® DG Style is well known for its excellent performance on red granites, which are among the hardest granites available today. Fabricators love its aggressiveness and endurance. Stone workers will appreciate how fast they can shape normally difficult areas with ease, in very little time. Tile installers will find these wheels are the best for profiling granite edges. Designed for either wet or dry use, Alpha® DG Style grinding wheels are versatile and long lasting. The turbo design provides fast stock removal thus saving time and reducing operator fatigue. They are the premium choice for any grinding, shaping or beveling work. Adapters for non-threaded wheels are available in common thread sizes for most angle grinders and polishing tools.

Sections:

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Part No.	Size	Maximum RPM	Arbor	Grit
DG4CA+	4"	14,500	7/8", 5/8"	Coarse
DG4MA+	4"	14,500	7/8", 5/8"	Medium
DW4C11	4"	14,500	5/8" -11 Threaded	Coarse
DW4M11	4"	14,500	5/8" -11 Threaded	Medium
DW6C11	6"	10,100	5/8"-11 Threaded	Coarse
DW6M11	6"	10,100	5/8"-11 Threaded	Medium

How to Use

Select the appropriate arbor for your tool. See chart on page 1.

Attach the Alpha® DG Style grinding wheel to your high-speed angle grinder.

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

Frequently Asked Questions (FAQs)

What materials can the Alpha® DG Style Grinding Wheels be used on?

The Alpha® DG Style Grinding wheels may be used on Granite, Engineered Stone and harder materials.

Will the Alpha® DG Style Grinding Wheels perform on Red Granites?

Yes. These wheels will perform exceptionally well on red granites available in today's market.

Is the Alpha® DG Style Grinding Wheel used wet or dry?

Alpha® DG Style Grinding Wheels are designed for dry grinding applications but work exceptionally well during wet applications.

What applications are the Alpha® DG Style Grinding Wheels recommended for?

The Alpha® DG Style Grinding Wheels are designed for profiling edges, smoothing out inside sinkhole cuts, smoothing rough surfaces, preparation of material for lamination and heavy stock removal.

What make these Alpha® DG Style Grinding Wheels so aggressive?

The turbo design of the DG Style Grinding Wheels along with the formulated bond makes these wheels aggressive for fast stock removal.

Can I use the Alpha® DG Style Grinding wheels on Marble or softer materials?

No. Due to the aggressive grinding ability and turbo rim design Alpha® recommends using our DS Style Grinding Wheels which are designed for softer materials.

What is the difference between the Coarse and Medium grinding wheels?

The differences between these two grinding wheels are the aggressiveness in the grinding action. If your job requires aggressive grinding, use the coarse grinding wheel. If you need slower grinding action use the medium grinding wheel.

Note: The coarse DG Grinding Wheel is black and the medium wheel is grey.

Can I use the Alpha® DG Style Grinding wheels on a polisher?

No. Alpha® recommends using these DG Style Grinding Wheels on high-speed angle grinders not exceeding 14,500 RPM. If these wheels are used on slow RPM polishers, the wheel may wear unevenly do to the slow RPM.

What sizes are the Alpha® DG Style Grinding Wheels offered in?

The wheels are available in 4" and 6" diameter.

What thread size adapters are available for securing the 7/8, 5/8" arbor grinding wheels onto the high-speed grinder?

See Chart on page 1.

Helpful Hints

- Alpha® DG Style Grinding Wheels are for use on high-speed angle grinders.
- Alpha® DG Style Grinding Wheels are designed for either dry or wet use.
- Always refer to the operation manual of the power tool for correct mounting procedures.

Reference

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