abrasive technology

Setting the global standards for superabrasive tooling

DIAMOND TOOLS FOR SHAPING AND FINISHING GLASS

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HIGH PERFORMANCE ENGINEERING

Quick, efficient beveling, edging and shaping can mean the difference between success and failure in today’s glass market. The high performance diamond tools we build will enable you to process your orders faster and more efficiently, helping you create a more profitable plant. Whether you are using a 14 wheel edging machine or a 1 1/2” x 21” handheld belt grinder, we have a product that will move your production into high gear. Our diamond abrasive wheels will allow you to process your flat edges, arrises, pencil edges. Ogee edge profiles and beveled edges with great precision at optimum speed and efficiency.

If you are currently using belt machines, the specialty diamond belts we sell for glass production will boost your output to an almost unbelievable degree. Our commitment to your speed and productivity even extends to our stocking procedures. Most popular sizes and styles of diamond wheels, belts and handpads are in stock for same day shipment. One quick call is all it takes to have your order processed and in your office the next day. In addition, if you have a custom application, our engineering department will be glad to work with you to design the most efficient tool for your equipment.

Questions about our products? During a recent customer survey, our customers consistently gave us the highest ratings for product knowledge, responsiveness to special needs and on-time delivery. Your call is welcome anytime.
Each of our industrial metal and resin bond diamond wheels for the glass market has its own individual serial number. With this number, we are able to trace its entire history: from the raw material stage all the way through final inspection and shipping. This extra effort on our part enables us to minutely analyze every detail in the manufacturing process of each wheel, fine tuning it to perfection. It also means that in custom engineered products, once a solution is found for a particular problem, the wheel can be exactly duplicated, saving you time and money. In addition, our Performance Matched (PM) System offers unparalleled ease in matching life and freedom of cut with your particular situation.

Duragrit™ diamond belts are designed to replace conventional abrasives for grinding glass. They will grind flat glass, laminated glass, mirror, decorative glass, crystal, artistic glass, scientific glass and ceramics. The available range of grits matches the type of work, and the belts come in sizes that fit virtually every machine on the market. Custom sizes are also available. The diamond abrasive greatly speeds up production, increases productivity, provides a more consistent finish, reduces glass damage and overall costs. These belts are indispensable to anyone seeking the ultimate in finish, ease and speed of production.

Available in both firm or flexible bases, the ideal size of these diamond handpads allows the finishing of edges and small areas. They are offered in 2 styles and 2 types of plating. The “handpad” style has the abrasive permanently mounted to the base. The “hankbook” style has a hook & loop surface that permits the user to quickly change grits when needed. Metal plated handpads are offered in grits 70 to 600 for preliminary work; resin bonded grits are available in 600 to 3500 grit for finishing operations.
CUSTOM ENGINEERED TOOLING

We welcome the opportunity to quote on any special grinding tools you may need. Please send complete part drawings and tool specifications when requesting a quote. Call any of the numbers listed below for more information.

ADDITIONAL PRODUCTS

We manufacture diamond and CBN, electroplated, brazed, metal, resin, and vitrified bonded grinding wheels, as well as single-point diamond and PCD/PCBN tools.

MARKETS SERVED

We serve the aerospace, automotive, bearing, ceramic, composite, electronics, glass, lapidary, medical, oil & gas, paper & pulp, stone, tool & die, and toolroom markets with thousands of custom-engineered and in-stock products.

9 MANUFACTURING FACILITIES WORLDWIDE

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