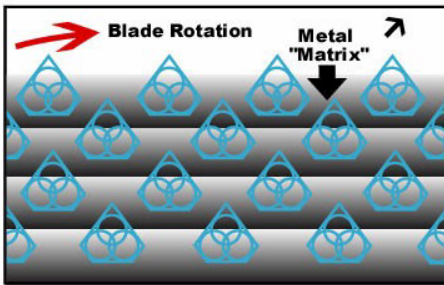


Precision Segmented Diamond Blades for Slabbing

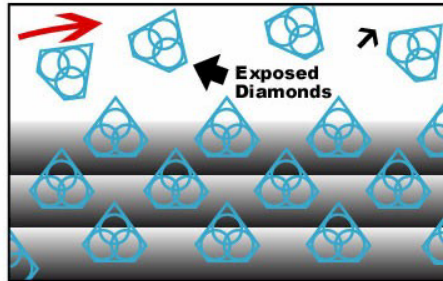
SMART CUT™ series precision sintered (metal bonded) diamond slabbing blades are the highest overall performance blades available today. Manufactured utilizing **SMART CUT™** technology, these blades will give you the best performance and price per cut. Providing consistent results you can count on everyday.

How Smart Cut Works?

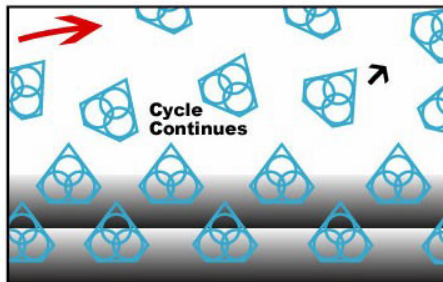
The sharpest and finest quality DeBeers diamonds that go into a Smart Cut Diamond Bond, immediately penetrate into the material, grinding and polishing as they cut.



Diamonds are activated only at the exposed layer. As diamonds layer begin to wear out, diamonds in a new diamond layer are immediately activated, substituting the already used up diamond layer. The Smart Cut Diamond Bond makes sure every diamond is in the right place and at the right time, working where you need it most.



The newly exposed diamonds don't effect diamonds already working on the material. Unlike many other diamond bonds, diamonds in a Smart Cut remain sharp and grow sharper with each cut. Prolonging product life and consistent performance.



This advanced formulated open diamond bond design insures minimal chipping, fast cut, constant speed of cut, minimal cutting noise, and most important of all minimal loss of precious material.

ADVANTAGES:

- + Chip Free Cutting
- + Cuts Faster
- + Lasts Longer
- + More Precision
- + Minimal Dressing
- + More Universal
- + More Aggressive
- + Smoother Finish
- + Straight Cut
- + Heat Resistant
- + Easier to Use
- + Save Material

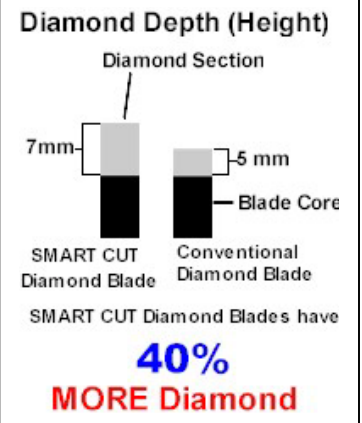
Application

- Precious Stone
- Glass
- Stone
- Advanced Ceramics
- Many Others

Saws Used On:

- + Slab Saws
- + **SMART CUT™** Diamond Saws
- + Other Saws

Item No.	Diameter	Rim Width	Rim Depth	Arbor Size
23-4818S	18" (454mm)	.094" (2.40mm)	.276" (7mm)	1-3/4"
23-4820S	20" (504mm)	.094" (2.40mm)	.276" (7mm)	1-3/4"
23-4824S	24" (604mm)	.094" (2.40mm)	.276" (7mm)	1-3/4"
23-4830S	30" (762mm)	.126" (3.20mm)	.276" (7mm)	1"
23-4836S	36" (900mm)	.189" (5.00mm)	.276" (7mm)	1"



All sizes are in stock and ready for same day delivery. Other sizes available upon request.

Blade Diameter	Recommended RPM	Blade Diameter	Recommended RPM
4"	4,000	16"	1,000
5"	3,438	18"	1,000
6"	2,675	20"	900
8"	2,000	22"	825
10"	1,600	24"	700
12"	1,325	30"	550
14"	1,140	36"	500

Largest Inventory & Most competitive Prices in the U.S. We will beat any competitors written price quote for the same quality product



UKAM Industrial Superhard Tools

Division of LEL Diamond Tools International, Inc.

25345 Avenue Stanford, Unit 211 Valencia, CA 91355 USA

Phone: (661) 257-2288 Fax: (661) 257-3833 www.ukam.com

+ Improve production rates + Improve production yields + Improve surface finish quality + Reduce material loss + Obtain more accurate tolerances = SUPERIOR RESULTS

UKAM Industrial Superhard Tools, Division of LEL Diamond Tools International, Inc. has recently introduced a new breakthrough: **SMART CUT™** technology in manufacturing precision diamond blades. This technology allows us to properly position and orient the diamond inside the metal matrix. Making sure every diamond is in the right place and at the right time, working where you need it most. (Please, see diagram)

maximum cutting performance – each diamond works like a small work horse. Diamonds come in contact with the material in the right place and at the right time, working where you need them most. You get the maximum use out of diamond and bond. Some unique benefits & advantages of **SMART CUT™** technology:

no glazing – requires minimal dressing, the bond renews itself

faster cutting action - Diamond blades manufactured utilizing this technology are much more aggressive than your conventional blades. They cut faster, still leaving behind a smooth finish.

more universal & longer lasting - These diamond blades are designed to work on virtually any material you can find. You can cut very hard materials, then switch to cutting very soft materials and the blade will maintain the same consistent performance. 7mm diamond depth allows the blade to last **80% to 40% longer** on the hardest materials.

UKAM Industrial Superhard Tools proprietary blade chemistry, precision manufacturing methods, modern quality control methods, allow us to control and regulate the dozens of variables that affect blade life, quality of cut, surface finish. Reducing and often eliminating additional steps often required after sectioning. All blades are manufactured to fit your specific material, application, and surface finish requirements. We will work with you to determine your needs, and develop the right bond formulation, concentration, and grit sizes.

SMART CUT™ Precision Diamond Blades are designed and specially selected to provide the maximum possible blade life for your desired cut quality, and speed.

UKAM Industrial Superhard Tools has one of the **Largest Inventory of Precision Diamond Blades in the U.S.** With over 4,000 diamond blades in stock, available **in different sizes, thickness, arbor sizes, diamond concentrations, diamond mesh sizes, and bond harnesses.**

You are sure to find the Right Precision Diamond Blade for your application in stock and ready for same day delivery. If you are not using these blades, you are paying too much.

SMART CUT™ series High Precision Diamond Blades & Saws, insure the highest standards for cut quality and accuracy from material is being cut, to reducing secondary steps after the cutting completion.

EXPECT MORE FROM YOUR TOOLS.



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HOW TO ORDER



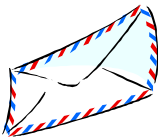
Order by Phone:

Call: (661) 257-2288 Monday through Friday 8:00 a.m. to 5:30 p.m.



Order by Fax:

Fax: (661) 257-3833, available 24 hours a day.



Order by Mail:

send your orders to: 25345 Avenue Stanford, Unit 211 Valencia, CA 91355 U.S.A.

please include product item number, description, and payment.

Accepted forms of payment



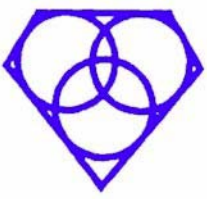
We accept Visa, Mastercard, and American Express. California Residents add 8.25% sales tax.

Guarantee: The quality of our products are 100% guaranteed.

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Mail, fax, or e-mail orders to UKAM Industrial Superhard Tools. A confirmation of receipt will be forwarded to buyer immediately. If a confirmation of receipt is not received, buyer should resubmit the purchase order to

UKAM Industrial Superhard Tools in order to insure processing of the order. UKAM Industrial Superhard Tools will calculate and fax or e-mail the subtotal of the merchandise and comparison shipping charges when the order is prepared to be shipped. Buyer should then choose the preferred means of shipping, add shipping costs to the subtotal of estimate and notify UKAM Industrial Superhard Tools by phone, fax, or e-mail, regarding preferred shipping and chosen method of payment.

Whatever your goal or objective

UKAM Industrial can help you get there faster.

Largest Inventory & Selection

with over 2,000 different types & specifications of precision diamond products available from inventory. You are sure to find what you are looking for in stock and ready for same day delivery.

- Over 4,000 Precision Diamond Blades in stock
- Over 1,000 Diamond Drills & Drilling Accessories in stock
- Hundreds of Diamond Dicing Blades in stock

If we don't have it in stock. Chances are no body will. Call: (6 6 1) 2 5 7 - 2 2 8 8

Manufacturers Direct Prices

SMART CUT precision diamond products offer the best value & performance. In most cases UKAM Industrial Superhard Tools can meet and beat a competitors price on products of same quality & performance. If you are not using one of our products, chances are you are paying to much.

Research and Development

UKAM Industrial Superhard Tools has over 50 years of experience in manufacturing, research, and development of new and advanced technologies to keep up with your increasing challenges.



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Technical Support

We are committed to helping you improve and optimize your cutting and drilling operation to the outmost level of efficiency. If you have a special application, that requires a custom solution. Send us a piece of your material, and we will analyze it in our laboratory and design a bond formulation for your particular requirement.

You can rely on us and our group of authorized application engineers to assist you in your cutting requirements, answer any questions, and provide you with the personal attention you deserve. Please, feel free to contact our Technical Support Team at Phone: (661) 257-2288 from Monday to Friday 8:00 to 6:00 p.m. PST.

Incredible Value

UKAM Industrial Superhard Tools offers you real value and savings. Our Precision Diamond Products manufactured utilizing **SMART CUT** technology will

- save you money
- save you time
- save you material
- improve overall performance

Try a precision Diamond Product with SMART CUT technology TODAY!!!

Custom Manufacturing

Can't find what you are looking for? Let us know. We can manufacture it for you or redesign our products to better fit your needs, standards, specifications, and requests.

New Generation & Technology

UKAM Industrial Superhard Tools is a LEADER in developing new products. We are constantly engaged in Research & Development to better meet your needs and expectations. And continue to raise standards for the whole industry. With UKAM you can rest assured you're getting the latest, cutting edge products you deserve.

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