



ALPHA®

TOOLING FOR
STONE
FABRICATORS

CELEBRATING

30 YEARS

1986-2016



■ **Cost-Effective**

■ **Productive**

■ **User-Friendly**

■ **Safe**

Providing Better Solutions to the Professional

VERSION 3A

ABOUT ALPHA®

Alpha Professional Tools® was founded in 1986 and has become a leading manufacturer of quality tools for professionals in the natural/engineered stone, porcelain, ceramic, glass, construction, marine and automotive industries. Alpha® provides the best products for cutting, drilling, shaping and polishing all types of materials.

In addition to providing the best products in the industry, Alpha Professional Tools® offers a variety of services to support their products.



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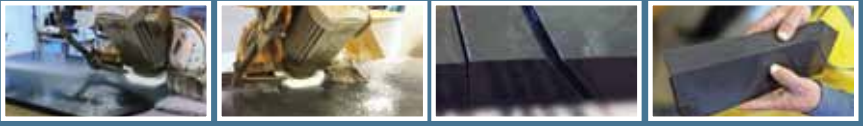
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miter cut



The Alpha® Silencer III for Dekton® by Cosentino® is a technologically advanced blade that cuts new Dekton® material with ease while achieving superior cost performance with reduced noise levels. Alpha® has done extensive testing on all phases of Dekton® fabrication prior to the product being available to ensure that our customers can avoid expensive, time consuming testing. The uniquely designed core is made of two hardened steel sheets with a thin copper sheet laminated between them to dissipate the usually high noise levels common to this application. The Alpha® Silencer III is equipped with a 60mm arbor which is a common size, adapters are available to reduce the arbor size. The Alpha® Silencer III will provide excellent cost performance & reduce noise while maintaining a high quality cut.



SILENCER III FOR DEKTON®

FEATURES

- Specially Designed to Cut Dekton® by Cosentino®
- Can be used on Crystallized Glass & Other Vitreous Materials
- 10mm Segment Height!

PART NO.	SIZE	THICKNESS	MAX RPM	RECOMMENDED FOR	ARBOR(S)
SLW1010D	10"	1.8mm	5,900	Dekton®	50mm
SLW1210D	12"	2.2mm	6,200	Dekton®	60mm, 50mm
SLW1410D	14"	2.8mm	4,365	Dekton®	60mm, 50mm
SLW1610D	16"	3.3mm	3,820	Dekton®	60mm, 50mm
SLW1810D	18"	4.4mm	3,395	Dekton®	60mm, 50mm

Recommended Peripheral Speed Range for Silencer III for Dekton®

Materials	Dekton					
	m/sec.					
	feet/sec.					
	32 ~ 45					
	105 ~ 150					
Peripheral Speed Range	1.2cm / 1/2" thick		2cm / 3/4" thick		3cm / 1-1/4" thick	
Materials	m/min.	in/min.	m/min.	in/min.	m/min.	in/min.
Dekton	1.7	66	1.0	40	0.7	25



Introducing V/O-CUTTING... this new method of cutting is an alternative method to V-GROOVING when making thicker waterfall edges appear to have only one seam. This application became possible by the introduction of two edge polishing machines, LCV-M-V/O and LCH-V/O, from Marmo Meccanica S.P.A., a well-known, quality stone fabrication machine manufacturer from Italy. Traditionally, V-GROOVING has been the only method of cutting for lamination to make a countertop edges look thicker, without stacking up the strips thus creating multiple seams on the edge. These edge polishing machines come with two spindles at the beginning and at the end of the machine that execute a vertical and a horizontal cut, creating a square profile strip, called an L-BORDER, that is ready to be glued to the slab as the edge. In order to make L-BORDER strip successfully, without breakage and/or chipping, requires a precision blade, so Alpha® designed a specialty blade, called the Silencer VO, for this unique cutting application. The Silencer VO blade comes in a 10" diameter with a laminated silent core that has a 50mm arbor. There are two bond types available: one for the popular granite/quartz surface applications, and one specifically designed for the new sintered slabs such as Dekton®, Lapitec and Neolith, just to name a few. The Silencer VO for Dekton®/Porcelain can also be used on various crystallized glass slabs widely available in the US market. The V/O-CUTTING system makes your lamination process easier and faster, and creates an almost invisible seam.



SILENCER VO

FEATURES

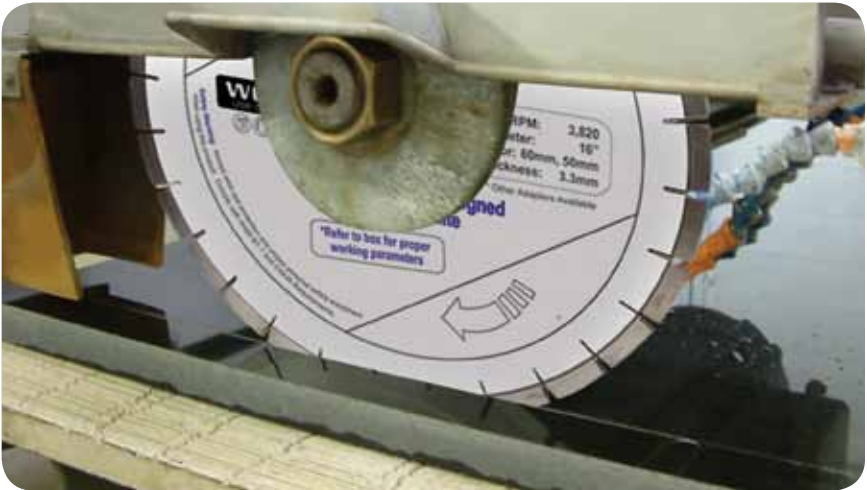
- Fast Chip-Free Cutting
- Free Re-Tipping Service for the Life of the Blade



Recommended Peripheral Speed Range for Silencer III for Dekton®

	Materials		Dekton				
	m/sec.	feet/sec.	32 ~ 45 105 ~ 150				
Peripheral Speed Range	1.2cm / 1/2" thick		2cm / 3/4" thick		3cm / 1-1/4" thick		
	Materials	m/min.	in/min.	m/min.	in/min.	m/min.	in/min.
Dekton		1.7	66	1.0	40	0.7	25

PART NO.	SIZE	THICKNESS	MAXIMUM RPM	ARBOR(S)	MACHINES	RECOMMENDED FOR
SLW1010D	10"	1.8mm	5,900	50mm	Marmo/Montresor	Dekton®/Porcelain/Crystallized Glass
SLW107EG	16"	1.8mm	5,900	50mm	Marmo/Montresor	Granite/Quartz Surfaces
HR10A+	10"	6.2mm	5,900	50mm	Marmo/Montresor	Granite/Quartz Surfaces (1/4" Rod)
SLW101PD	10"	1.8mm	5,900	50mm	Marmo/Poseidon	Dekton®/Porcelain/Crystallized Glass
SLW107PG	10"	1.8mm	5,900	50mm	Marmo/Poseidon	Granite/Quartz Surfaces



Alpha Professional Tools® recognizes the need for a high quality granite blade for bridge or table saws and brings this to the marketplace in the form of the Alpha® Silencer III for Granite. The Alpha® Silencer III is a technologically advanced blade that produces excellent cuts while achieving superior cost performance with reduced noise levels. The uniquely designed core is made of two hardened steel sheets with a thin copper sheet laminated between them. This special construction dissipates the usually high noise levels common to this application. The Alpha® Silencer III is equipped with a 60mm arbor, adapters are available to reduce the arbor size. Specially formulated, the Alpha® Silencer III for Granite comes in three different bond types. If you fabricate granite, the Alpha® Silencer III for granite is perfect for you.



**SILENCER III
FOR GRANITE**

PART NO.	SIZE	MAXIMUM RPM	TYPE	ARBOR(S)
SLW1439G	14"	4,365	General Purpose Granite	60mm, 50mm
SLW1639G	16"	3,820	General Purpose Granite	60mm, 50mm
SLW1839G	18"	3,395	General Purpose Granite	60mm, 50mm
SLW1437G	14"	4,365	Hard Granite	60mm, 50mm
SLW1637G	16"	3,820	Hard Granite	60mm, 50mm
SLW1837G	18"	3,395	Hard Granite	60mm, 50mm
SLW1450G	14"	4,365	General Purpose Soft Granite	60mm, 50mm
SLW1650G	16"	3,820	General Purpose Soft Granite	60mm, 50mm
SLW1850G	18"	3,395	General Purpose Soft Granite	60mm, 50mm

Recommended Peripheral Speed for Silencer III for Granite

	Class 1 Granite	Class 2 Granite	Class 3 Granite	Class 4 Granite	Class 5 Granite
m/sec.	32 ~ 35		28 ~ 35	28 ~ 32	25 ~ 28
feet/sec.	105 ~ 115		92 ~ 115	92 ~ 105	82 ~ 92

Peripheral Speed Range Materials	1.2cm / 1/2" thick		2cm / 3/4" thick		3cm / 1-1/4" thick	
	m/min.	in/min.	m/min.	in/min.	m/min.	in/min.
Class 1 Granite	5.0	197	3.0	118	2.0	79
Class 2 Granite	4.2	164	2.5	98	1.7	66
Class 3 Granite	3.3	131	2.0	79	1.3	52
Class 4 Granite	2.5	98	1.5	59	1.0	39
Class 5 Granite	1.7	66	1.0	39	7.0	26

Materials	General Purpose		General Purpose
	Granite	Hard Granite	Soft Granite
Eng. Stone/Quartz Surfaces	Applicable	Applicable	Recommended
Class 1 Granite	Applicable	Applicable	Recommended
Class 2 Granite	Recommended	Applicable	Recommended
Class 3 Granite	Recommended	Recommended	Recommended
Class 4 Granite	Recommended	Recommended	
Class 5 Granite		Recommended	
Quartzite		Applicable	

GRANITE CLASSIFICATION					
CLASS	1	2	3	4	5
Hard Granite				←→	
General Purpose		←→			
General Purpose for Soft Granite	←→				

FEATURES

- Three Bond Types
- Free Re-Tipping Service for the Life of the Blade
- Best Bridge Saw Blades on the Market
- Fast, Chip-Free Cutting

Alpha Professional Tools® is pleased to introduce the Silencer for Quartzite. This high-quality blade for bridge or table saws is designed specifically for Quartzite, a very hard stone that is often difficult to cut. The Alpha® Silencer III produces excellent cuts at significantly reduced noise level. This blade also achieves the highest cost-performance in its class. The uniquely designed core is made of two hardened steel sheets with a thin copper sheet laminated between them. This special construction dissipates the usually high noise levels common to this application. The Alpha® Silencer III for Quartzite comes with a bond type which is very effective for large fabrication jobs that call for extended cutting on very hard granites. The blade is equipped with a 60mm arbor and comes with a 50mm adapter. Additional adapters are available as well.



**SILENCER III
QUARTZITE**

FEATURES

- Free Re-Tipping Service for the Life of the Blade
- Fast, Chip-Free Cutting
- Specially Designed to Cut Quartzite

PART NO.	SIZE	THICKNESS	MAXIMUM RPM	TYPE	ARBOR(S)
SLW14KKQ	14"	2.8mm	4,365	Quartzite	60mm, 50mm
SLW16KKQ	16"	3.3mm	3,820	Quartzite	60mm, 50mm
SLW18KKQ	18"	4.4mm	3,395	Quartzite	60mm, 50mm

Recommended Peripheral Speed for Silencer III for Quartzite

Materials	Quartzite					
m/sec.	25 ~ 28					
feet/sec.	82 ~ 92					
Peripheral Speed Range	1.2cm / 1/2" thick		2cm / 3/4" thick		3cm / 1-1/4" thick	
Materials	m/min.	in/min.	m/min.	in/min.	m/min.	in/min.
Quartzite	1.7	66	1.0	39	7.0	26

Alpha® Silencer III For Marble

Wet Cutting Bridge Saw Blade for Marble

CUTTING SYSTEM

The Alpha® Silencer III for Marble is a technologically advanced blade that produces excellent cuts while achieving superior cost performance with reduced noise levels.

The uniquely designed core is made of two hardened steel sheets with a thin copper sheet laminated between them. This special construction dissipates the usually high noise levels common to this application. The Alpha® Silencer III is equipped with a 60mm arbor which is a common size, adapters are available to reduce the arbor size. Specifically formulated, the Alpha® Silencer III will provide excellent cost performance and reduce noise while maintaining a high quality cut. If you fabricate marble, the Alpha® Silencer III for marble is perfect for you.



SILENCER III FOR MARBLE

FEATURES

- Free Re-Tipping Service for the Life of the Blade
- Fast, Chip-Free Cutting

PART NO.	SIZE	MAXIMUM RPM	TYPE	ARBOR(S)
SLW16S2M	16"	3,820	General Purpose Marble	60mm, 50mm
SLW18S2M	18"	3,395	General Purpose Marble	60mm, 50mm

Recommended Peripheral Speed for Silencer III for Marble

Marble/Limestone	White Crystalline Marble		Colored Marble	Serpentines	Travertines/Sandstones
m/sec.	50 ~ 55		45 ~ 50	45 ~ 50	50 ~ 60
feet/sec.	165 ~ 180		150 ~ 165	150 ~ 165	160 ~ 200

Peripheral Speed Range	1.2cm / 1/2" thick		2cm / 3/4" thick	
	m/min.	in./min.	m/min.	in./min.
White Crystalline Marble	20.8	820	12.5	492
Colored Marble	16.7	656	10.0	394
Serpentines	16.7	656	10.0	394
Travertines	25.0	984	15.0	591
Sandstones	29.2	1148	17.5	689

SILENCER CORE ADAPTER



Alpha Professional Tools® makes several Silent Core Adapters to allow the Alpha® Silencer III blades to fit your bridge saw machine. See chart to the right for the available sizes.

PART NO.	SILENT CORE ADAPTERS
ADP6050	Adapter 60mm to 50mm
ADP6045	Adapter 60mm to 45mm
ADP6001	Adapter 60mm to 1"
ADP6035	Adapter 60mm to 35mm
ADP6030	Adapter 60mm to 30mm
ADP6125	Adapter 60mm to 1-1/4"



The Alpha® Silencer III for porcelain is a technologically advanced blade that produces excellent cuts while achieving superior cost performance with reduced noise levels. The uniquely designed core is made of two hardened steel sheets with a thin copper sheet laminated between them. This special construction dissipates the usually high noise levels common to this application. The Alpha® Silencer III is equipped with a 60mm arbor which is a common size, adapters are available to reduce the arbor size. Specifically formulated, the Alpha® Silencer III will provide excellent cost performance and reduce noise while maintaining a high quality cut. If you fabricate porcelain, the Alpha® Silencer III for porcelain is perfect for you!



**SILENCER III
FOR PORCELAIN &
CRYSTALLIZED GLASS**

FEATURES

- Free Re-Tipping Service for the Life of the Blade
- Fast, Chip-Free Cutting
- Speciality Blade Designed for Porcelain & Crystallized Glass

PART NO.	SIZE	THICKNESS	MAXIMUM RPM	TYPE	ARBOR(S)
SLW1210P	12"	2.2mm	6,200	Porcelain/Crystallized Glass	1"
SLW1410P	14"	2.8mm	4,365	Porcelain/Crystallized Glass	60mm, 50mm
SLW1610P	16"	3.3mm	3,820	Porcelain/Crystallized Glass	60mm, 50mm
SLW1810P	18"	4.4mm	3,395	Porcelain/Crystallized Glass	60mm, 50mm

Recommended Peripheral Speed Range for Porcelain/Sintered Slabs & Crystallized Glass

Materials	Porcelain / Sintered Slab		Crystallized Glass			
	m/sec.	32 ~ 45	32 ~ 45			
	feet/sec.	105 ~ 150	105 ~ 150			
Peripheral Speed Range	1.2cm / 1/2" thick		2cm / 3/4" thick		3cm / 1-1/4" thick	
	Materials	m/min.	in/min.	m/min.	in/min.	m/min.
Porcelain/Sintered Slab	1.7	66	1.0	40	0.7	25
Crystallized Glass	1.7	66	1.0	40	0.7	25

Alpha® Silencer III For Engineered Stone

Wet Cutting Bridge Saw Blade for Engineered Stone

CUTTING SYSTEM

The Alpha® Silencer III for Engineered Stone is a technologically advanced blade that produces excellent cuts while achieving superior cost performance with reduced noise levels. Ideal for use in a variety of different sized shops, engineered stone fabricators will love the cutting ability of this blade and the amount of time they'll save. The Alpha® Silencer III is equipped with a 60mm arbor which is a common size. Adapters are available to reduce the arbor size. Specially formulated, the Alpha® Silencer III will provide excellent cost performance and reduce noise levels while maintaining a high quality cut. If you fabricate engineered stone, the Alpha® Silencer III for engineered stone is perfect for you.



SILENCER III FOR
ENGINEERED STONE

PART NO.	SIZE	MAXIMUM RPM	TYPE	ARBOR(S)
SLW1273E	12"	6,200	Engineered Stone	1"
SLW1473E	14"	4,365	Engineered Stone	60mm, 50mm
SLW1673E	16"	3,820	Engineered Stone	60mm, 50mm
SLW1873E	18"	3,395	Engineered Stone	60mm, 50mm

Recommended Peripheral Speed Range for Engineered Stones and Quartz Surfaces

Materials	Eng. Stone/Quartz Surface
m/sec.	32 ~ 35
feet/sec.	105 ~ 115

Peripheral Speed Range	1.2cm / 1/2" thick		2cm / 3/4" thick		3cm / 1-1/4" thick	
	m/min.	in/min.	m/min.	in/min.	m/min.	in/min.
Eng. Stone/Quartz Surfaces	5.0	197	3.0	118	2.0	79
Large Aggregate (Softer)	4.2	164	2.5	98	1.7	66
Quartz Sand (Harder)	3.3	131	2.0	79	1.3	52

FEATURES

- Free Re-Tipping Service for the Life of the Blade
- Fast, Chip-Free Cutting
- Speciality Blade Designed for Engineered Stone



ICE BRIDGE SAW BLADE

Alpha® introduces the ICE Blade for bridge saws. These innovative silent core blades were designed with a newly developed bond specifically for general use on granite and engineered stone. ICE is a well-balanced blade that has an increased segment height of 20mm for a prolonged life. They are available in 14", 16" and 18" sizes and have the common 60mm arbor with a 50mm adapter included. Cutting performance and wear ratio tests have proven that the Alpha® ICE is the best all-purpose blade for fabricators! For convenience and cost-performance, the ICE blade is a cool choice!

FEATURES

- High Cutting Performance
- Free Re-Tipping Service for the Life of the Blade
- Extra Long Life
- 20mm Tall Segments

PART NO.	SIZE	MAXIMUM RPM	TYPE	ARBOR(S)
ICE1420	14"	4,365	General Purpose, Granite, Engineered Stone	60mm, 50mm
ICE1620	16"	3,820	General Purpose, Granite, Engineered Stone	60mm, 50mm
ICE1820	18"	3,395	General Purpose, Granite, Engineered Stone	60mm, 50mm

Recommended Peripheral Speed Range for ICE Blades

Materials	Class 1 Granite	Class 2 Granite	Class 3 Granite	Class 4 Granite	Class 5 Granite	Eng. Stone/ Quartz Surfaces	Quartzite
m/sec.	32 ~ 35	28 ~ 35	28 ~ 35	25 ~ 32	25 ~ 28	32 ~ 35	25 ~ 28
feet/sec.	105 ~ 115	92 ~ 115	92 ~ 115	82 ~ 105	82 ~ 92	105 ~ 115	82 ~ 92

Peripheral Speed Range	1.2cm / 1/2" thick		2cm / 3/4" thick		3cm / 1-1/4" thick	
	m/min.	in./min.	m/min.	in./min.	m/min.	in./min.
Class 1 Granite	5.0	197	3.0	118	2.0	79
Class 2 Granite	4.2	164	2.5	98	1.7	66
Class 3 Granite	3.3	131	2.0	79	1.3	52
Class 4 Granite	2.5	98	1.5	59	1.0	39
Class 5 Granite	1.7	66	1.0	39	7.0	26
Eng. Stone/Quartz Surfaces	5.0	197	3.0	118	2.0	79
Quartzite	1.7	66	1.0	39	7.0	26

Specialty Wet Cutting Blade for Trac Star 2000



KNOCK OUT

Alpha Professional Tools® recognizes the growing popularity of the specialty tool, Trac Star 2000; a low RPM wet saw that utilizes a guide rail system. Evidence of this growing popularity is in the introduction of other brands of low speed track sawing systems to the market. Until now, good blade choices have been limited!

Introducing the Alpha® Knock Out blade. A specialty blade specifically designed for a low RPM wet saw, to cut all granites, as well as all brands of engineered stone with minimal chipping. This blade provides a quick clean cut when used on a low RPM saw and will increase your productivity while providing a long cutting life. Alpha® Knock Out is the best blade choice for your Trac Star 2000. The Alpha® Knock Out Blade provides a solution to the dilemma!

FEATURES

- Advanced Technology – Cuts Through 1 ¼" Material Very Fast With Minimal Chipping
- First In The Industry – First Blade Designed Specifically for use on the Trac Star and other Slower than Standard RPM Saws
- Exclusive Item – Available only from Alpha Professional Tools®

PART NO.	SIZE	THICKNESS	MAXIMUM RPM	ARBOR(S)
VTS008	8"	2.3mm	7,400	5/8",◇

KEY: ● = Highly Recommended ○ = Recommended

DRY CUTTING BLADE SELECTION GUIDE						
ALPHA® BLADES	SPECIALTY	BUILDING STONE FABRICATORS	TILE CONTRACTORS	MONUMENT BUILDERS	GENERAL CONTRACTORS	SPECIALTY CONTRACTORS
Contour for Granite / Eng. Stone	Curved Applications	●	○			○
Contour for Marble	Curved Applications	●	○			○
Contour for Porcelain	Curved Applications	●	○			○
Eclipse II	General Purpose	●	○	○	●	○
Eclipse Q	General Purpose	●	○	○	●	○
Hot-Rod	Channel Cutting	●	○	○	○	○
Katana	All Tiles	○	●	○	○	○
Laminam	Laminam by Crossville® / Porcelain Panels	○	●		○	●
Libero	Marble	●	●	○	○	○
Plus	Granite & Harder Materials	●	○	●	○	○
Quad	Flush Cutting	●	○	●	○	○
Rescue Blade	General Purpose	○			○	●
Trim Master	Miter Saws	●	○		○	○
Tuck Point	Tuck Pointing				○	●
Ultracut ABM	Cut-Off Tools	○	○		●	○
Ultracut APR	Flush Cutting	○	○		●	○
Ultracut GPM	Metal & Composite Materials	○	○		●	○
Vortex for Granite	Flush Cutting	●	○	●		○
Vortex for Marble	Flush Cutting	●	○	●		○
WET CUTTING BLADE SELECTION GUIDE						
ALPHA® BLADES	SPECIALTY	BUILDING STONE FABRICATORS	TILE CONTRACTORS	MONUMENT BUILDERS	GENERAL CONTRACTORS	SPECIALTY CONTRACTORS
BG	Glass Blade for Cordless Saw		●		●	●
BT	Tile Blade for Cordless Saw		●		●	●
Groove Cutter	Groove Cutting	●		○	○	○
Ice	Granite	●	○	●	○	○
Knock Out	Granite	●				○
Marble Profile Wheel	Cut & Profile Tile	○	●		○	○
Numero Uno	Engineered & Natural Stone Tile	○	●		○	○
Porcellana	All Tiles	○	●		○	●
Silencer III	Granite	●	○	●	○	○
Silencer III	Marble	●	○	●	○	○
Silencer III	Porcelain/Crystallized Glass	●	○		○	○
Silencer III	Engineered Stone	●	○		○	○
Silencer III	Dekton®	●	○		○	○
Silencer III	Quartzite	●	○	●	○	○
Silencer VO for Dekton®	V/O Cutting on Dekton®/ Porcelain/ Crystallized Glass	●				
Silencer VO for Granite/Quartz Surfaces	V/O Cutting on Granite/Quartz Surfaces	●				
Sonic	Ceramic Tile	○	○		○	○
Typhoon	Ceramic & Marble Tile	○	●		○	○
Vetro	Glass, Tile & Stone	○	●		○	●

Alpha® Dry Blades may also be used wet providing the specified RPM is maintained. However, Alpha® Wet Blades may not be used dry with exception of the Alpha® Sonic (part numbers TS04AL and TS05AL). In all cases, it is important that the application meet the defined use for that specific blade. Different sizes are available for various applications. Please refer to the specific product page or our website for additional product information.



**CNC CORE BITS
FOR DEKTON®**

Alpha® introduces a Wet Core Drill Bit for CNC Machines and Radial Arm workstations for cutting Dekton®, Crystallized Glass and other vitreous materials. This Core Bit comes with a 1/2" Gas Thread, designed for the tool holder. The diamonds and matrix have been selected to minimize blow-out at the bottom of the stone, since most CNC Router fabrication is done upside-down. This new Core Bit utilizes the superior technology that has made the Alpha® Wet and Dry Core Bits the best in the industry.

FEATURES

- Specially Designed to Cut Dekton® by Cosentino®
- Can Be Used on Crystallized Glass and Other Vitreous Materials!

PART NO.	SIZE	DIAMETER	MAX RPM	RECOMMENDED FOR	THREADS
DND01250	4"	1-1/4"	6,000	Dekton®, Crystallized Glass	1/2" Gas Thread
DND01375	4"	1-3/8"	6,000	Dekton®, Crystallized Glass	1/2" Gas Thread

Alpha® CNC Finger Bits for Dekton®



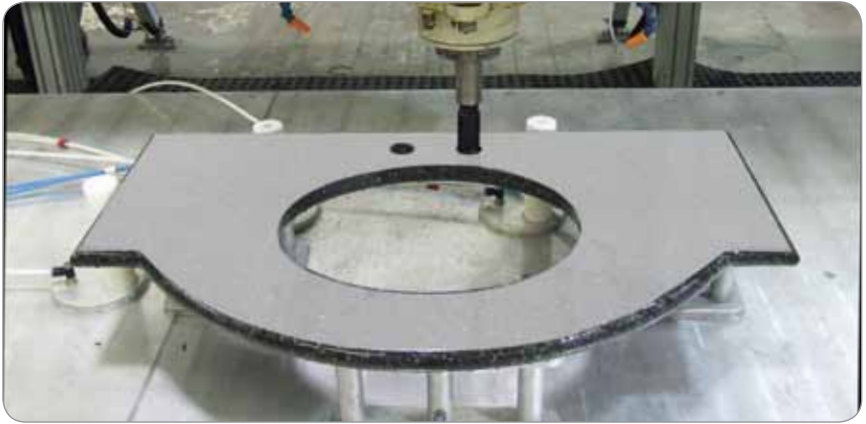
**CNC FINGER BITS
FOR DEKTON®**

Alpha® continues to expand its line of tooling for CNC machines and has designed a Segmented Finger Bit for CNC Machines and Radial Arm workstations specifically for Dekton®. This finger bit is available in two lengths for different thicknesses of materials, 30mm and 40mm. These bits have been extensively tested on Dekton® to save you time and money, and are recommended by Cosentino®.

FEATURES

- Specially Designed to Cut Dekton® by Cosentino®
- Can be used on Crystallized Glass & Other Vitreous Materials!

PART NO.	SIZE	DIAMETER	MAX RPM	RECOMMENDED FOR	THREADS
FBD030	30mm	20mm	6,000	Dekton®, Crystallized Glass	1/2" Gas Thread
FBD040	40mm	20mm	6,000	Dekton®, Crystallized Glass	1/2" Gas Thread



Alpha® introduces a Wet Core Drill Bit for CNC Machines and Radial Arm workstations. This Core Bit comes with a 1/2" Gas Thread, designed for the tool holder. The diamonds and matrix have been selected to minimize blow-out at the bottom of the stone, since most CNC Router fabrication is done upside-down. This new Core Bit utilizes the superior technology that has made the Alpha® Wet and Dry Core Bits the best in the industry.

PART NO.	SIZE	DIAMETER	THREADS
DNC01375	4"	1-3/8"	1/2" Gas Thread

CNC WET CORE BITS

Alpha® CNC Segmented Finger Bits

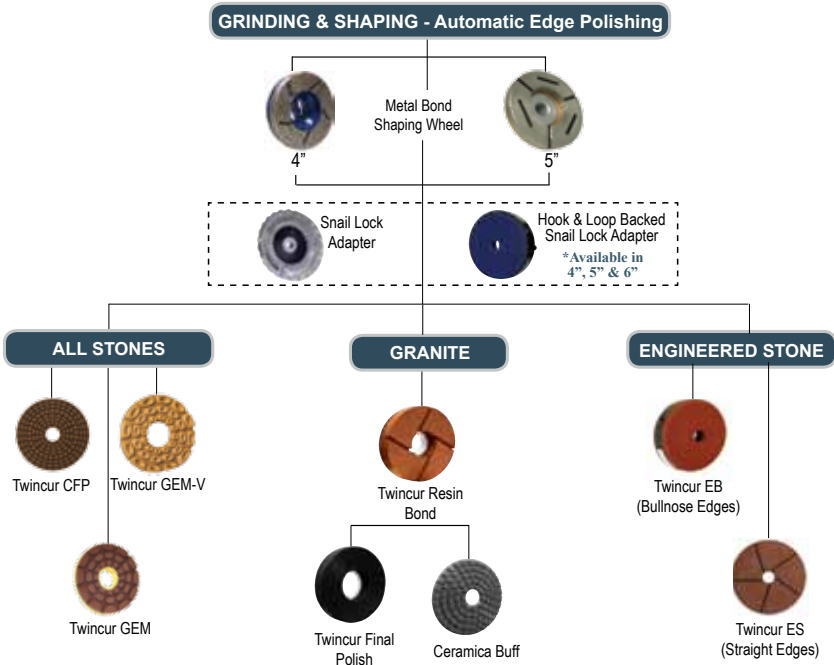
Alpha® continues to expand its line of tooling for the CNC machines and has designed a Segmented Finger Bit for CNC Machines and Radial Arm workstations. This finger bit is available in two lengths for different thicknesses of materials, 40mm is for 1-1/4" slab and 50mm is for 1-1/2" laminated materials. These bits come with a 1/2" Gas Thread, designed for the tool holder and can be used on granite and engineered stone on all CNC machines designed for stone.



PART NO.	SIZE	DIAMETER	MAX RPM	RECOMMENDED FOR	THREADS
FBG040	40mm	30mm	4,500	Granite, Eng. Stone	1/2" Gas Thread
FBG050	50mm	30mm	4,500	Granite, Eng. Stone	1/2" Gas Thread

CNC SEGMENTED FINGER BITS

The Alpha® Twincur Polishing System is highly-effective for polishing both natural and engineered stone. The system ensures high quality results on both straight and beveled edges with automatic edge polishing machinery.



Alpha® Metal Bond Shaping Wheel

The Alpha® Metal Bond Shaping Wheel is designed for the initial shaping process on automatic edge polishing machines and is ideal for the preliminary polishing stage on edge treatments for countertops, tabletops and vanities. It shapes and calibrates straight edges and bullnoses or profiles on machines such as the Park® Pro Edge and Marmo Meccanica (Multiple-head). Easy to use, the Alpha® Metal Bond Shaping Wheel is long lasting and provides high quality performance. It is a heavy-duty wheel developed to remove deep saw marks with ease. Fabricators will love the perfect edges they achieve with the Alpha® Metal Bond Shaping Wheel. Adaptable for use on most automatic edge polishing machines, the Alpha® Metal Bond Shaping Wheel is available in 5/8"-11, M24 or M18 threads. A mechanical stop is recommended to control the depth of cut. Alpha® Metal Bond Shaping Wheels are a must for automatic edge polishing machines.



METAL BOND SHAPING WHEEL

PART NO.	SIZE	GRIT	MAXIMUM RPM	ARBOR
TW55850M	5"	50	3,500	5/8"-11 Threaded
TW51850M	5"	50	3,500	18mm-2 Threaded



Great news for the users of C-Frame Edge Polishing machines such as Park Pro-Edge Series. Alpha® has released this new generation of polishing system, that polishes most popular natural and engineered stones, whether it is a straight or bullnose edge. This user-friendly 5-step process produces the highest polishing quality on demanding edge treatments for custom work. The system comes with 2 steps of metal bond grinding wheels for milling, and 3 additional steps of resin bond polishing wheels to complete the job in the shortest time. Step up to the next level with the CFP polishing system to maximize your profitability.

PART NO.	SIZE	MAX RPM	TYPE	RECOMMENDED FOR	COLOR	BOND TYPE
CFP400M	4"	5,000	Snail Lock Adapter	C-Frame Polisher	Blue	Metal
CFP401M	4"	5,000	Snail Lock Adapter	C-Frame Polisher	Yellow	
CFP402R	4"	4,000	Hook & Loop	C-Frame Polisher	Red	Resin
CFP403R	4"	4,000	Hook & Loop	C-Frame Polisher	Dark Green	
CFP404R	4"	4,000	Hook & Loop	C-Frame Polisher	Light Green	
EGV4SNL	4"	4,000	Hook & Loop Backed Snail Lock Adapter	-	-	-



Metal Bond

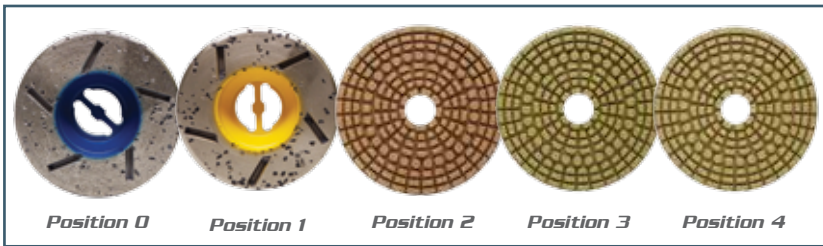


Resin Bond

FEATURES

- Designed for Use on Most Stones
- Popular 5-Step Polishing System
- Straight and Bullnose Edges

WHEELS / PRODUCT NAME	TWINCUR CFP (Metal)	TWINCUR CFP (Resin)
SIZES / GRITS	Size: 4" No. of Grits: 2	Size: 4" No. of Grits: 3
MATERIALS	ALL STONES	ALL STONES
POLISH TYPE	Straight / Bullnose	Straight / Bullnose
CONNECTION TYPE	SFAT	Hook & Loop
GRIT RANGE	POS. 0 - POS. 1	POS. 2 - POS. 4
HEAD PRESSURE PSI/BAR	100 PSI (AUTOSTOP) 7.0 BAR	35 PSI 2.3 2.4 BAR
TRAVERSE SPEED (2cm) (FPM)	50 ~ 80 FPM	100 FPM
TRAVERSE SPEED (3cm) (FPM)	50 ~ 80 FPM	100 FPM
TRAVERSE SPEED (4cm) (FPM)	50 ~ 80 FPM	100 FPM
MACHINE TYPE	Single	Single
HOOK & LOOP ADAPTER	—	EGV4SNL
OTHER (Single Head Req)	PVA-5/8 Adapter	PVA-5/8 Adapter
FEATURE	Metal Bond (2)	Resin (Hook & Loop) (3)





Alpha Professional Tools® is proud to introduce the Twincur GEM-V Series. It is a Hook & Loop backed version of the popular Alpha® Twincur GEM, which utilizes the user-friendly Snail Lock Adapter. Although both series allow for quick wheel changes, the Twincur GEM-V does not require wrenches to change wheels. It is available in 5" and 6" diameters to fit the most popular edge polishing machines. In addition, the Alpha® Twincur GEM-V comes with a newly developed final polishing wheel called "Tsuya" that creates the highest, monument-quality, polish on the most difficult stones including Absolute Black granite. Tsuya, (pronounced "tu-ya"), is available with the Snail Lock adapter system for use with the both connection system types. The Alpha® Twincur GEM-V is designed to polish straight and beveled edges of Granite, Engineered Stone/Quartz Surfaces, Marble, Limestone, Concrete, Crystallized Glass and Porcelain slabs, thus simplifying your choice when selecting a polishing system. The Alpha® Twincur GEM-V is recommended by Cosentino® as a Dekton® polishing system for all Dekton® collections throughout global markets.



TWINCUR GEM-V

Hook & Loop Back



FEATURES

- Designed for NEW Material from Cosentino® called Dekton®!

Straight & Beveled Edge Polishing on Dekton® and Porcelain

WHEELS / PRODUCT NAME	TWINCUR GEM-V
SIZES / GRITS	Sizes: 5" & 6" No. of Grits: 7
MATERIALS	ALL STONES
POLISH TYPE	Straight / Bevel
CONNECTION TYPE	Hook & Loop
GRIT RANGE	100-3000 + Tsuya
HEAD PRESSURE PSI/BAR	30 ~ 40 PSI / 2.0 - 2.8 BAR
TRAVERSE SPEED (2cm) (IPM)	16 IPM
TRAVERSE SPEED (3cm) (IPM)	12 - 14 IPM
TRAVERSE SPEED (4cm) (IPM)	8 - 10 IPM
MACHINE TYPE	Single & Multiple Head
HOOK & LOOP ADAPTER	EGV5SNL / EGV6SNL
OTHER (Single Head Req)	SFAT-5/8 Adapter
FEATURE	TSUYA Final Polish

PART NO.	SIZE	MAX RPM	RECOMMENDED FOR	GRIT	COLOR	BOND TYPE
GEV50100	5"	2,000	Dekton® & Porcelain	100	Blue	Resin
GEV50200	5"	2,000	Dekton® & Porcelain	200	Yellow	
GEV50500	5"	2,000	Dekton® & Porcelain	500	Red	
GEV51000	5"	2,000	Dekton® & Porcelain	1000	Dark Green	
GEV52000	5"	2,000	Dekton® & Porcelain	2000	Light Green	
GEV53000	5"	2,000	Dekton® & Porcelain	3000	Brown	
GEV5TSUYA	5"	2,000	Dekton® & Porcelain	Tsuya Final Polish	White	
EGV5SNL	5"	2,000	-	-	-	Hook & Loop Backed Snail Lock Adapter
GEV60100	6"	2,000	Dekton® & Porcelain	100	Blue	Resin
GEV60200	6"	2,000	Dekton® & Porcelain	200	Yellow	
GEV60500	6"	2,000	Dekton® & Porcelain	500	Red	
GEV61000	6"	2,000	Dekton® & Porcelain	1000	Dark Green	
GEV62000	6"	2,000	Dekton® & Porcelain	2000	Light Green	
GEV63000	6"	2,000	Dekton® & Porcelain	3000	Brown	
GEV6TSUYA	6"	2,000	Dekton® & Porcelain	Tsuya Final Polish	White	
EGV6SNL	6"	2,000	-	-	-	Hook & Loop Backed Snail Lock Adapter



Alpha® Twincur EG and ES series have established a reputation as the best tools to polish straight and beveled edges on granite and Engineered Stones/Quartz Surfaces. Now Alpha® has developed a new polishing system to save you time and money by combining these two systems into one. Introducing the Alpha® Twincur GEM for use on all types of stones. Available in a 5" and 6" diameter with a snail lock adapter (SFAT) to fit on most popular edge polishing machines. Produce high-quality straight or beveled edges with less tool inventory by using the Alpha® Twincur GEM. Now available with a Final Polishing wheel called "Tsuya" to achieve the highest possible shine!



TWINCUR GEM

FEATURES

- Polishes Straight and Beveled Edges
- Versatile – Designed For Use On All Stones
- Available in 5" or 6" Diameter

WHEELS / PRODUCT NAME	TWINCUR GEM
SIZES / GRITS	Sizes: 5" & 6" No. of Grits: 7
MATERIALS	ALL STONES
POLISH TYPE	Straight / Bevel
CONNECTION TYPE	SFAT
GRIT RANGE	100-3000 + Tsuya
HEAD PRESSURE PSI/BAR	30 ~ 40 PSI / 2.0 — 2.8 BAR
TRAVERSE SPEED (2cm) (IPM)	16 IPM
TRAVERSE SPEED (3cm) (IPM)	12 — 14 IPM
TRAVERSE SPEED (4cm) (IPM)	8 — 10 IPM
MACHINE TYPE	Single & Multiple Head
HOOK & LOOP ADAPTER	—
OTHER (Single Head Req)	SFAT-5/8 Adapter for 5" & 6" Wheels
FEATURE	TSUYA Final Polish

PART NO.	SIZE	MAXIMUM RPM	RECOMMENDED FOR	GRIT	COLOR	BOND TYPE	
GEM50100	5"	2,000	All Stones	100	Blue	RESIN	
GEM50200	5"	2,000	All Stones	200	Yellow		
GEM50500	5"	2,000	All Stones	500	Red		
GEM51000	5"	2,000	All Stones	1000	Dark Green		
GEM52000	5"	2,000	All Stones	2000	Light Green		
GEM53000	5"	2,000	All Stones	3000	Brown		
GEM5TSUYA	5"	2,000	All Stones	Tsuya Final Polish	Black		
GEM60100	6"	2,000	All Stones	100	Blue		
GEM60200	6"	2,000	All Stones	200	Yellow		
GEM60500	6"	2,000	All Stones	500	Red		
GEM61000	6"	2,000	All Stones	1000	Dark Green		
GEM62000	6"	2,000	All Stones	2000	Light Green		
GEM63000	6"	2,000	All Stones	3000	Brown		
GEM6TSUYA	6"	2,000	All Stones	Tsuya Final Polish	Black		
SFAT-5/8	5"	2,000	5/8"-11	-	-		Snail Lock Adapter



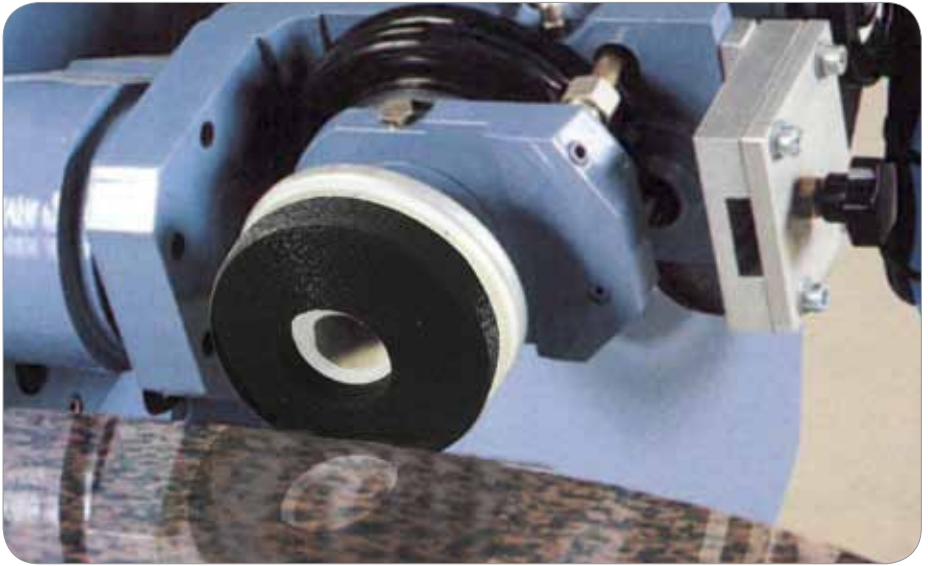
Alpha Professional Tools® developed the Alpha® Twincur System for automatic edge polishing machines. Alpha® Twincur Resin discs are specifically designed for square edge and beveled edge applications and will work on wet polishing single-head machines such as Park® Pro Edge, Comandulli, Mantello, Thibault, Cavani, and Denver along with many other imported polishing machines that use the 4" snail lock adapter. They will also work on multiple-head machines such as Loffler series KSL-RK. Material edges, sized up to 1-1/4" thickness, are easily polished. However, you can polish double stacked laminated edges up to 1-1/2" successfully. Fabricators will love the high quality results they achieve while maintaining high-paced productivity. The discs are long lasting and easy to use. Since the discs use the popular snail lock adapter (SFAT), they can be quickly changed for fast production. The straight or beveled edge should be calibrated square by a metal grit prior to polishing with the Alpha® Twincur Resin discs. This ensures excellent results without sacrificing cost performance of the Alpha® Twincur abrasives. Use Alpha® Twincur Final Polish to bring out a deep glossy finish. Alpha® Twincur Resin Bond discs are truly the workhorses of the automatic edge polishing machines. If you own an edge polishing machine such as those listed above, Alpha® Twincur Resin discs are for



**TWINCUR RESIN
FOR GRANITE**

WHEELS / PRODUCT NAME	TWINCUR RESIN
SIZES / GRITS	Size: 4" No. of Grits: 6 + Buff
MATERIALS	GRANITE
POLISH TYPE	Straight / Bevel
CONNECTION TYPE	SFAT
GRIT RANGE	100-3000 + BUFF
HEAD PRESSURE PSI/BAR	13 ~ 26 PSI / 1.0 - 2.0 BAR
TRAVERSE SPEED (2cm) (FPM)	30 FPM
TRAVERSE SPEED (3cm) (FPM)	30 FPM
TRAVERSE SPEED (4cm) (FPM)	30 FPM
MACHINE TYPE	Single Head
HOOK & LOOP ADAPTER	—
OTHER (Single Head Req)	SFAT-5/8 Adapter for 6" Wheels
FEATURE	BUFF: Black, White & Green

PART NO.	SIZE	MAXIMUM RPM	RECOMMENDED FOR	GRIT	COLOR	BOND TYPE
SF40100R	4"	1,800	Granite	100	Blue	RESIN
SF40200R	4"	1,800	Granite	200	Yellow	
SF40500R	4"	1,800	Granite	500	Red	
SF41000R	4"	1,800	Granite	1000	Dark Green	
SF42000R	4"	1,800	Granite	2000	Light Green	
SF43000R	4"	1,800	Granite	3000	Brown	



Alpha® Twincur Final Polish is unique among the final polish series of products within the Alpha Professional Tools® product line. It is the only final polish to offer a choice of three different types. Every other product line utilizes two final polishing discs or wheels, a black for dark colored stones and a white for light colored stones. Water volume on automatic edge polishing machines can be difficult to control for the black or white final polish discs. If too much water is used, the discs do not polish properly and if not enough water is used the discs overheat. Alpha Professional Tools® produced a third final polish disc for the Twincur® product line that is capable of performing with a significantly higher volume of water than the black or white final polish. The fabricator now has a choice. They can choose to polish with the traditional method of Black or White Final Polish and use a little water or they can use the Green Final Polish with the normal water flow. Either way, fabricators will love the super glossy finish they can achieve with these discs. Composed of tin oxide and natural fibers in a heat compressed form attached to a SFAT snail lock adapter, the Alpha® Twincur Final Polish is long lasting and provides quick results. If you own or plan on owning an automatic edge polishing machine, Alpha® Twincur Final Polish is a sure bet to provide the best finish.



**TWINCUR BUFF
FOR GRANITE**



WHEELS / PRODUCT NAME	TWINCUR BUFF
SIZES / GRITS	Size: 4" No. of Grits: 6 + Buff
MATERIALS	GRANITE
POLISH TYPE	Straight / Bullnose
CONNECTION TYPE	SFAT
GRIT RANGE	100-3000 + BUFF
HEAD PRESSURE PSI/BAR	13 ~ 26 PSI / 1.0 - 2.0 BAR
TRAVERSE SPEED (2cm) (FPM)	30 FPM
TRAVERSE SPEED (3cm) (FPM)	30 FPM
TRAVERSE SPEED (4cm) (FPM)	30 FPM
MACHINE TYPE	Single Head
HOOK & LOOP ADAPTER	—
OTHER (Single Head Req)	SFAT-5/8 Adapter for 6" Wheels
FEATURE	BUFF: Black, White & Green

PART NO.	SIZE	MAXIMUM RPM	RECOMMENDED FOR	STONE COLOR	SIZE	BOND TYPE
SF4BLACK	4"	1,800	Granite	DARK	4"	FINAL POLISHER BUFF
SF4WHITE	4"	1,800	Granite	LIGHT	4"	
SF4GREEN	4"	1,800	Granite	ALL	4"	



Alpha Professional Tools® recognizes that the continued growth of the engineered stone market requires new abrasives and now offers a product called Twincur ES, specifically developed to polish the straight and beveled edges of engineered stone with automated edge polishing machinery. Twincur ES uses the 5" snail lock adapter commonly used on single and multiple-head machines such as Cavani, Comandulli, Denver, Mantello, Montresor, Park Industries®, Thibaut, Z.Bavelloni, Loffler, Marmo Meccanica, Montresor and many other imported machines. Fabricators of engineered stone will love the ease of operation and the fast, consistent results they can achieve with these abrasives. If you work with engineered stone and automated edge polishing equipment, Twincur ES is the abrasive for you.



WHEELS / PRODUCT NAME	TWINCUR ES
SIZES / GRITS	Sizes: 4", 5", 6" No. of Grits: 5
MATERIALS	ENGINEERED STONE
POLISH TYPE	Straight / Bevel
CONNECTION TYPE	SFAT
GRIT RANGE	200 - 3000
HEAD PRESSURE PSI/BAR	30 ~ 40 PSI / 2.0 - 2.8 BAR
TRAVERSE SPEED (2cm) (IPM)	16 IPM
TRAVERSE SPEED (3cm) (IPM)	12 - 14 IPM
TRAVERSE SPEED (4cm) (IPM)	8 - 10 IPM
MACHINE TYPE	Single & Multiple Head
HOOK & LOOP ADAPTER	—
OTHER (Single Head Req)	SFAT-5/8 Adapter for 5" & 6" Wheels
FEATURE	—

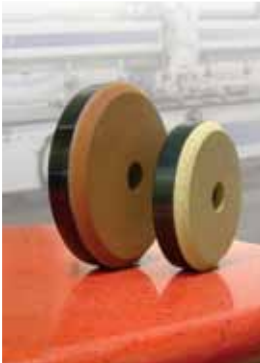
PART NO.	SIZE	MAXIMUM RPM	RECOMMENDED FOR	GRIT TYPE	COLOR	BOND TYPE
ES40200R	4"	3,400	Eng. Stone/Quartz Surface	200	Yellow	RESIN
ES40500R	4"	3,400	Eng. Stone/Quartz Surface	500	Red	
ES41000R	4"	3,400	Eng. Stone/Quartz Surface	1000	Dark Green	
ES42000R	4"	3,400	Eng. Stone/Quartz Surface	2000	Light Green	
ES43000R	4"	3,400	Eng. Stone/Quartz Surface	3000	Brown	
ES50200R	5"	2,000	Eng. Stone/Quartz Surface	200	Yellow	
ES50500R	5"	2,000	Eng. Stone/Quartz Surface	500	Red	
ES51000R	5"	2,000	Eng. Stone/Quartz Surface	1000	Dark Green	
ES52000R	5"	2,000	Eng. Stone/Quartz Surface	2000	Light Green	
ES53000R	5"	2,000	Eng. Stone/Quartz Surface	3000	Brown	
ES60200R	6"	2,000	Eng. Stone/Quartz Surface	200	Yellow	
ES60500R	6"	2,000	Eng. Stone/Quartz Surface	500	Red	
ES61000R	6"	2,000	Eng. Stone/Quartz Surface	1000	Dark Green	
ES62000R	6"	2,000	Eng. Stone/Quartz Surface	2000	Light Green	
ES63000R	6"	2,000	Eng. Stone/Quartz Surface	3000	Brown	
SFAT-5/8"	5"	2,000		—	—	



Alpha Professional Tools® recognizes the continued growth of the engineered stone/ quartz surfacing market and the increased need for abrasives designed for use on automated machinery. Alpha® also recognizes the popularity of the full bullnose edge treatment and the need for an abrasive to accomplish this design feature. To fulfill this need in the industry, Alpha® introduces Twincur EB, a set of abrasives specifically developed to polish bullnose edges on engineered stone using automated edge polishing machines. Twincur EB fits on the 5" snail lock adapter commonly used on single and multiple head machines. Fabricators of engineered stone will appreciate the ease of operation and the fast, consistent results they will achieve with these abrasives. Twincur EB is designed for high quality performance and longevity. If you work with engineered stone/ quartz surfacing and automated edge polishing equipment, Twincur EB is the abrasive for you.



TWINCUR EB



3 TYPES OF POLISH AVAILABLE FROM TWINCUR EB

REGULAR POLISH	HIGH GLOSS POLISH	SNAKE-SKIN POLISH
EB50200R	EB50200R	EB50200R
EB50500R	EB50500R	EB50500R
EB50500R	EB51000R	EB50500R
EB51000R	EB52000R	EB51000LC
EB52000R	EB53000R	EB52000LC

Twincur EB abrasives use 2.2 - 2.5 BAR pressure, LC abrasives may be used up to 3.0 BAR pressure.



WHEELS / PRODUCT NAME	TWINCUR EB
SIZES / GRITS	Sizes: 4", 5", 6" No. of Grits: 5
MATERIALS	ENGINEERED STONE
POLISH TYPE	Straight / Bullnose
CONNECTION TYPE	SFAT
GRIT RANGE	200 - 3000
HEAD PRESSURE PSI/BAR	32 ~ 36 PSI / 2.2 - 2.4 BAR
TRAVERSE SPEED (2cm) (IPM)	10 - 12 IPM
TRAVERSE SPEED (3cm) (IPM)	10 - 12 IPM
TRAVERSE SPEED (4cm) (IPM)	8 - 10 IPM
MACHINE TYPE	Single & Multiple Head
HOOK & LOOP ADAPTER	—
OTHER (Single Head Req)	SFAT-5/8 Adapter for 5" & 6" Wheels
FEATURE	LC - Snake Skin (#1000 & #2000)

PART NO.	SIZE	MAXIMUM RPM	RECOMMENDED FOR	GRIT	COLOR	BOND TYPE
EB40200R	4"	3,400	Eng. Stone/Quartz Surface	200	Yellow	RESIN
EB40500R	4"	3,400	Eng. Stone/Quartz Surface	500	Red	
EB41000R	4"	3,400	Eng. Stone/Quartz Surface	1000	Dark Green	
EB42000R	4"	3,400	Eng. Stone/Quartz Surface	2000	Light Green	
EB43000R	4"	3,400	Eng. Stone/Quartz Surface	3000	Brown	
EB50200R	5"	2,000	Eng. Stone/Quartz Surface	200	Yellow	
EB50500R	5"	2,000	Eng. Stone/Quartz Surface	500	Red	
EB51000R	5"	2,000	Eng. Stone/Quartz Surface	1000	Dark Green	
EB52000R	5"	2,000	Eng. Stone/Quartz Surface	2000	Light Green	
EB53000R	5"	2,000	Eng. Stone/Quartz Surface	3000	Brown	
EB51000LC	5"	2,000	Eng. Stone/Quartz Surface	1000	Dark Green	LC RESIN
EB52000LC	5"	2,000	Eng. Stone/Quartz Surface	2000	Light Green	
EB60200R	6"	2,000	Eng. Stone/Quartz Surface	200	Yellow	RESIN
EB60500R	6"	2,000	Eng. Stone/Quartz Surface	500	Red	
EB61000R	6"	2,000	Eng. Stone/Quartz Surface	1000	Dark Green	
EB62000R	6"	2,000	Eng. Stone/Quartz Surface	2000	Light Green	
EB63000R	6"	2,000	Eng. Stone/Quartz Surface	3000	Brown	
SFAT-5/8	5"	2,000	5/8"-11	—	—	Snail Lock Adapter



Create a stylish textured finish to your work piece by using the new Alpha® Antique Brushes. Developed with TYNEX®, a filament from DuPont, to ensure safety and exceptional performance, these brushes are available in 4" and 5" sizes. They utilize a snail lock adapter (SFAT) and can be used on the most popular edge polishing machines, hand-held sanders and polishers. Both sizes are available in grits of #60, #120, #240 and #320.



**ANTIQUÉ BRUSH
WHEEL**



Grit #24

Grit #36

Grit #60

Grit #120

Grit #240

Grit #320

WHEELS / PRODUCT NAME	ANTIQUE BRUSH
SIZES / GRITS	Sizes: 4" & 5" No. of Grits: 5
MATERIALS	GRANITE & ENGINEERED STONE
POLISH TYPE	Straight & Bullnose
CONNECTION TYPE	SFAT
GRIT RANGE	24 - 320
HEAD PRESSURE PSI/BAR	2
TRAVERSE SPEED (2cm) (IPM)	6 IPM
TRAVERSE SPEED (3cm) (IPM)	6 IPM
TRAVERSE SPEED (4cm) (IPM)	6 IPM
MACHINE TYPE	Single & Multiple Head
HOOK & LOOP ADAPTER	—
OTHER (Single Head Req)	SFAT-5/8 Adapter for 5" Wheels
FEATURE	Textured Finish

PART NO.	SIZE	MAX RPM	TYPE	RECOMMENDED FOR	GRIT	BOND TYPE
AB4024	4"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	24	RESIN
AB4036	4"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	36	
AB4060	4"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	60	
AB4120	4"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	120	
AB4240	4"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	240	
AB4320	4"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	320	
PVA-5/8	4"	3,000	5/8"-11	-	-	Snail Lock Adapter
AB5024	5"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	24	RESIN
AB5036	5"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	36	
AB5060	5"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	60	
AB5120	5"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	120	
AB5240	5"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	240	
AB5320	5"	4,000	Snail Lock	Natural & Eng. Stone/Quartz Surface	320	
SFAT-5/8	5"	2,000	5/8"-11	-	-	Snail Lock Adapter

FEATURES

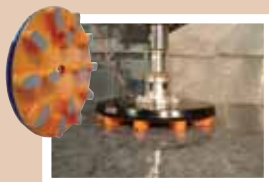
- Create a Textured Finish on the edge and surface of Engineered Stone/Quartz Surfaces
- Eliminates Messy Powders and Mixtures
- Can be used on other stone such as granite.

The Alpha® Summit Polishing System is for use on radial arm polishing machines commonly used throughout the stone industry in the fabrication process. These radial arm machines can range from an older hand operated machine to a modern CNC controlled machine. The Alpha® Summit Polishing System works well on all types of these machines and is easily adapted to them. The system is ideal for polishing raw granite slabs and restoring a scratched granite surface on a previously polished item such as a tabletop or counter top. Also, it is very suitable for polishing various types of monument surfaces. Designed with three stages and available in assorted sizes, the Alpha® Summit Polishing System provides a long life as well as high quality, fast, consistent results.

stage 1

Summit Metal

Aggressive metal bond grits to remove deep scratches evenly. The very fast and even operation prepares the granite surface for polishing. The grit sequence is from 63 to 400 grit, which grinds and hones the granite.



Summit Resin

Resin bond grits to polish the granite surface. This technology makes the polishing process smooth, fast and easy for the operator. The grit sequence is from 200 to 3000 grit, which provides for a clean factory finish.

stage 2

stage 3

Summit Final Polish

Final Polish discs brings out a deep gloss and luster. No chemical powders are needed and it is easy to operate. Use black buff on dark stones and white buff on light stones.



The highest quality finishes can be obtained with the Alpha® Summit Polishing System. Its superior performance, compared with old-fashioned techniques, makes it the only radial arm polishing system you'll need for granite.

Alpha® Summit Metal Bond Wheel For Granite

Surface Preparation for Polishing

SURFACE POLISHING



**SUMMIT METAL BOND
WHEEL FOR GRANITE**

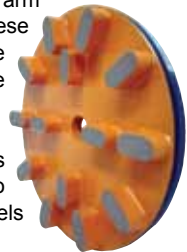
Alpha® Summit Metal Bond wheels for radial arm wet polishers begin the polishing process. They grind and hone the granite surface making it smooth enough to take a polish. These wheels remove gang saw marks and prepare the granite surface for transition to polishing grits. This particular bond is ideal for the North American markets. Fabrication applications of countertops, tabletops, and the backside of slabs are quickly and easily made smooth. Monument applications of interior walls, sides, undersides and tops are easily processed. These wheels are aggressive and are designed for high quality performance. They are long lasting and provide fast, consistent results. We recommend a speed of 400 RPMs at medium to light pressure with constant water flow for best results. Available in three common sizes and four grits, the Alpha® Summit Metal Bond wheels will fill a variety

of applications and fit on most common radial arm polishers.

METAL	6"	8"	10"	RECOMMENDED POLISHING SEQUENCE		
GRIT	PART NO.	PART NO.	PART NO.	BLACK	SOFT AND MEDIUM GRAY	HARD RED
50	SM060050	SM080050	SM100050	OPTIONS FOR FAST MATERIAL REMOVAL		
80	SM060080	SM080080	SM100080	POSITION 1	POSITION 1	POSITION 1
200	SM060200	SM080200	SM100200	POSITION 2	POSITION 2	POSITION 2
400	SM060400	SM080400	SM100400	POSITION 3	POSITION 3	N/A

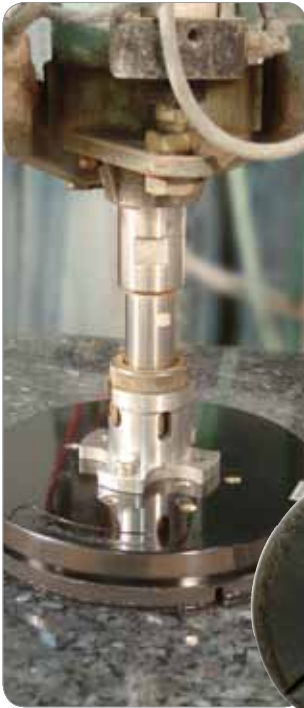
Alpha® Summit Resin Bond Wheel For Granite

Alpha® Summit Resin Polishing wheels fit most common radial arm polishers found throughout the North American stone industry. These resin wheels are designed to match the factory finish provided by large multi-head polishing machines. Most surface polishing applications are easily accomplished with these resin wheels. Applications such as the fabrication of countertops, tabletops, and the backsides of slabs or monument sides and tops, can easily be processed. The resin wheels are long lasting and provide superior quality performance compared to old-fashioned polishing methods. Alpha® Summit Resin Polishing wheels give you fast and consistent results. These wheels are easy to use and are quick to change from grit to grit. Summit wheels are available in three sizes to accommodate any application for granite surface polishing. Available in two bond types: M5 bond for most granite applications and M4 bond for gray granites commonly used in monument fabrication. The advanced design of the Alpha® Summit Resin Polishing wheels is sure to save time and money while providing the best results.



**SUMMIT RESIN
WHEEL FOR GRANITE**

RESIN	6"	8"	10"	RECOMMENDED POLISHING SEQUENCE		
GRIT	PART NO.	PART NO.	PART NO.	BLACK	GRAY	RED
200	SR060200	SR080200	SR100200	N/A	N/A	POSITION 3
500	SR060500	SR080500	SR100500	POSITION 4	POSITION 4	POSITION 4
1000	SR061000	SR081000	SR101000	POSITION 5	POSITION 5	POSITION 5
2000	SR062000	SR082000	SR102000	POSITION 6	POSITION 6	POSITION 6
3000	SR063000	SR083000	SR103000	POSITION 7	N/A	N/A



Alpha® Summit Final Polish wheels are designed for use on radial arm polishers for the flat surface polishing of granite. Used with a little water for lubrication, Alpha® Summit Final Polish wheels provide the high gloss and excellent reflection that is only produced with large automatic polishing machines. Ideally suited for fabrication shops and monument producers, these wheels are easy to use and are the finishing touch to the Alpha® Summit Polishing System. Fabricators love the extremely high gloss they achieve with these wheels. Monument producers appreciate these wheels for the variety of surfaces they can polish. The Alpha® Summit Final Polish wheels utilize tin oxide as the primary component in a heat compressed form. Tin oxide is recognized as the best alloy powder available for polishing granite. In powder form, tin oxide is very expensive since much is wasted during the polishing process. In a compressed form, such as the Alpha® Summit Final Polish, there is no waste as the disc maintains the perfect amount of tin oxide at the surface for polishing granite. Safe and long lasting, Alpha® Summit Final Polish wheels are available in black for dark granites and white for light granites. They can be used in sequence on black stones for optimal polishing quality. This exclusive technology provides the best quality finishes. If you own a radial arm polisher, Alpha® Summit Final Polish wheels are a must for your shop.



SUMMIT FINAL POLISHING WHEEL FOR GRANITE

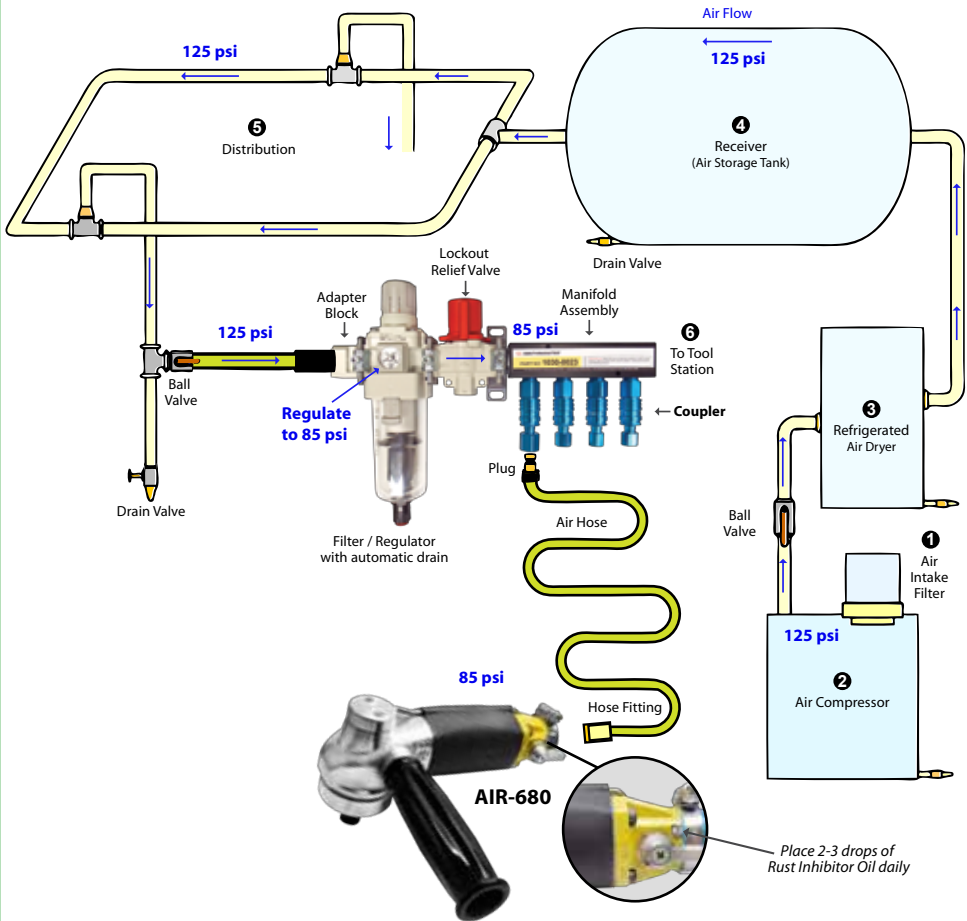
- FEATURES**
- Replaces Dangerous Lead and Felt Wheels
 - Eliminates Messy Powders and Mixtures
 - Produces a High Gloss Finish

FINAL POLISH		6"	8"	10"	RECOMMENDED POLISHING SEQUENCE		
GRIT	TYPE	PART NO.	PART NO.	PART NO.	BLACK	GRAY	RED
BUFF	FINAL POLISH	S06BLACK	S08BLACK	S10BLACK	POSITION 8	POSITION 7	POSITION 7
BUFF		S06WHITE	S08WHITE	S10WHITE			

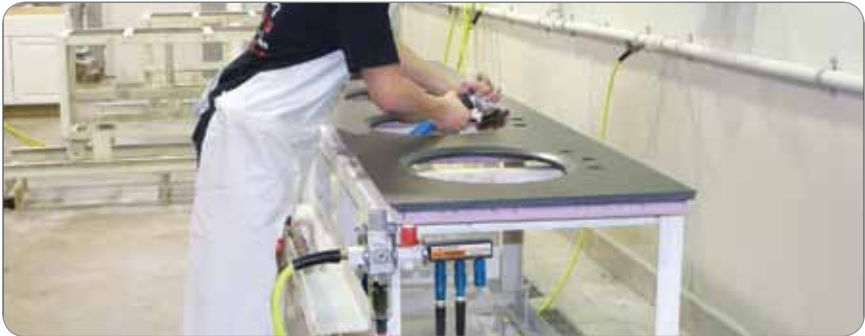
Filter/Regulator

MANIFOLD SYSTEM

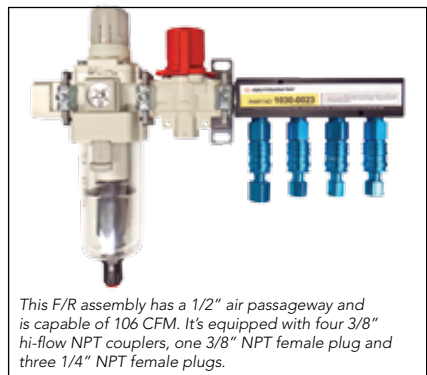
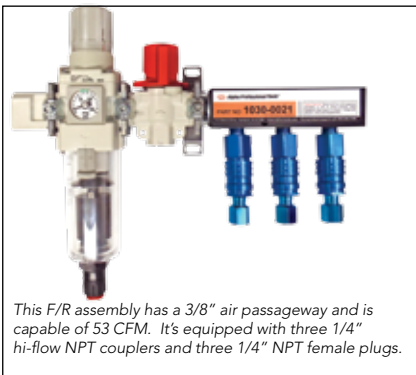
Big return on a small investment!



Eliminate potential issues with air systems and increase the life of the air tools!



In a proactive step for pneumatic tool longevity, Alpha® has created Filter/Regulator (F/R) manifold systems to help eliminate potential issues caused by rust or contamination in the pipes or connectors feeding the pneumatic tools. The Filter/Regulator also helps prevent pressure drops when using a large volume of air, so the pressure can be set on the tools at 85 PSI, while the main system can run at 125 PSI. The systems, which come in two sizes (53 CFM & 106 CFM), consist of a Filter/Regulator with a shut off/dump valve, and an aluminum manifold with three or more aluminum quick disconnects. The Alpha® F/R Manifold System and is designed for installation at the point of use and is configured to adapt to the existing shop piping and increase the life of the tools. Keep your system clean and get the maximum performance from your pneumatic tools!



PART NO	SIZE	DESCRIPTION	COUPLERS	ADAPTER	PLUGS INCLUDED
1030-0021	53 CFM	3/8" Filter/Regulator Manifold	3	3/8" NPT	(3) 1/4" Female NPT
1030-0022	53 CFM	3/8" Filter/Regulator Manifold	3	1/2" NPT	(3) 1/4" Female NPT
1030-0023	106 CFM	1/2" Filter/Regulator Manifold	4	1/2" NPT	(3) 1/4" Female NPT + (1) 3/8" Female NPT
1030-0024	106 CFM	1/2" Filter/Regulator Manifold	4	3/4" NPT	(3) 1/4" Female NPT + (1) 3/8" Female NPT

Adapter and Mobile Hose Assembly

EXTREME ALL WEATHER FLEXIBILITY (-40° to +140°F)

Alpha® Adapter Hose Assembly



► FEATURES:

- Installs Directly to Supply Line
- Abrasion Resistant

NOTE: Adapter Hose Assembly is only available for Part No. 1030-0022 and 1030-0023 F/R Manifolds.

Alpha® Mobile Air Hose Assembly



► FEATURES:

- Installation Closer to Point-of Use
- Kink-Free
- No Memory- Lays Flat
- Abrasion Resistant

PART NO.	DESCRIPTION	SIZE	HOSE FITTINGS
1030-0025	Adapter Hose Assembly	1ft / 0.30m	1/2" NPT Swivel
1030-0026	Adapter Hose Assembly	2ft / 0.60m	1/2" NPT Swivel
1030-0054	Adapter Hose Assembly	3ft / 0.90m	1/2" NPT Swivel
1030-0050	Mobile Air Hose Assembly	15ft / 4.5m	1/2" NPT Swivel with Hose Protector
1030-0052	Mobile Air Hose Assembly	20ft / 6.0m	1/2" NPT Swivel with Hose Protector
1030-0054	Mobile Air Hose Assembly	25ft / 7.6m	1/2" NPT Swivel with Hose Protector
1030-0056	Mobile Air Hose Assembly	30ft / 9.0m	1/2" NPT Swivel with Hose Protector
1030-0058	Mobile Air Hose Assembly	35ft / 10.6m	1/2" NPT Swivel with Hose Protector
1030-0060	Mobile Air Hose Assembly	40ft / 12.19m	1/2" NPT Swivel with Hose Protector

FLEXZILLA® Premium Hybrid Polymer Air Hose

3/8" - EXTREME FLEXIBILITY

► FEATURES:

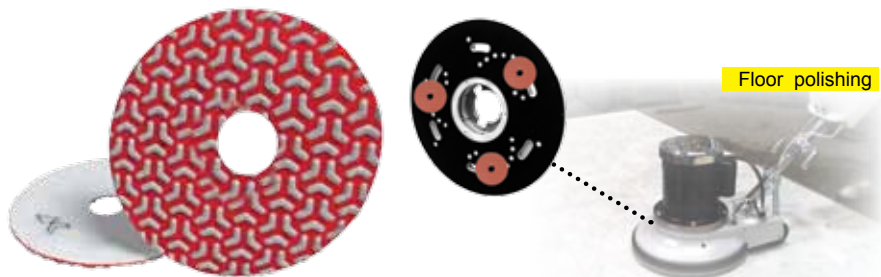
- Superior bend radius
- Kink resistant under pressure
- Extreme all-weather flexibility, even in sub-zero temps
- Max working pressure: 300 psi
- Thread: 1/4" MNPT



PART NO.	HOSE LENGTH	HOSE I.D.	HOSE FITTINGS
FPA3825	25ft / 7.6m	3/8 in.	1/4 in. MNPT
FPA3850	50ft / 15.24 m	3/8 in.	1/4 in. MNPT



Alpha® introduces Kirara Pads which are designed for the maintenance of marble, limestone and concrete surfaces by using only a maximum of 3 steps. Kirara pads are designed for wet polishing but do not require a lot of water. If the surface is lightly wet, it can be enough to cool the cutting edge for a successful application, without having to use final polishing pads or acidic polishing powders and/or chemicals. The Alpha® Kirara pads are best suitable for difficult to polish marble and limestone, such as Nero Maquina (Black Marble), and concrete countertops that are considerably softer than other stones that are used for commercial applications. Kirara pads can be used on a typical floor buffer with 175 rpm or 300 rpm. The Kirara pads come with a hook & loop backing so they can be installed on the most popular driver pads. The minimum quantity for floor applications is 3 pieces per driver pad, but 4 or more can be installed for larger size driver pads. Kirara pads can also be used on standard polishing machines. Although it is designed for wet polishing, and little water is required on the surface, a standard polisher with a spray bottle can serve the purpose. Another option is a dual-action sander to keep the surface flat, and it too can be used with a water spray gun.



PART NO.	SIZE	MAX RPM	TYPE	RECOMMENDED FOR	GRIT	COLOR
KWD4001	4"	4,000	Hook & Loop	Marble/Limestone/Concrete	Pos. 1	Red
KWD4002	4"	4,000	Hook & Loop	Marble/Limestone/Concrete	Pos. 2	Light Green
KWD4003	4"	4,000	Hook & Loop	Marble/Limestone/Concrete	Pos. 3	Blue

The Alpha® Advantage System was developed specifically for the high quality restoration and maintenance of marble, terrazzo and granite floors. Alpha Professional Tools® developed this system with the floor restoration company in mind. The Alpha® Advantage System provides superior results that consistently meet or surpass original factory finishes. Environmentally safe, the Alpha® Advantage System is reliable and versatile. Floor restoration workers will find that the system is easy to use and will be impressed with the end results they achieve. The Alpha® Advantage System consists of three stages: grinding, honing and polishing. The grinding stage removes lippage and makes the floor flat. The honing stage closes the floor and prepares it to accept a natural polish. The final polish stage brings out the deep luster. Used properly, the quality of polish that the Alpha® Advantage System produces is unmatched.



The following pages feature the necessary equipment for the Alpha® Advantage System:



Lippage Disc
60, 150 GRIT



Resin Disc for Marble
300, 500, 1000,
2000, 3000 GRIT



Resin Discs for Granite
300, 500, 1000,
2000, 3000 GRIT



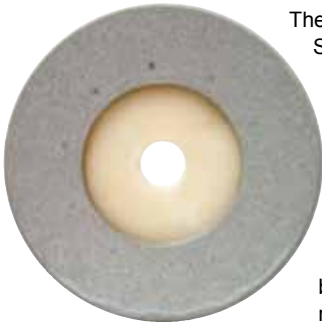
Final Polishing Disc
BLACK & WHITE BUFF



NOTE:

Contact your floor machine supplier to obtain a driver pad applicable with a hook & loop system.

PROCEDURES	DISCS	TYPE OF STONE		WEIGHT NEEDED		RECOMMENDED TIME PER 11 SQ. FT	
		MARBLE	GRANITE	MARBLE	GRANITE	MARBLE	GRANITE
GRINDING							
60 GRIT	6	X	X	40	60	UNLIMITED	
150 GRIT	6	X	X	40	60	UNLIMITED	
HONING & POLISHING							
300 GRIT	3	X	X	0	60	2 MIN	3 MIN
500 GRIT	3	X	X	0	60	2 MIN	3 MIN
1000 GRIT	3	X	X	0	60	2 MIN	3 MIN
2000 GRIT	3	X	X	0	60	2 MIN	3 MIN
3000 GRIT	3	X	X	0	60	2 MIN	3 MIN
FINAL POLISH							
BLACK (Dark Stone)	6	—	X	—	60	—	6 MIN
WHITE (Light Stone)	6	X	X	40	60	4 MIN	6 MIN



ADVANTAGE LIPPAGE DISC

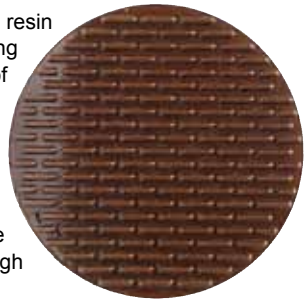
The first stage of floor restoration is removal of lippage. Since this can only be accomplished by grinding the floor flat with an aggressive metal bond diamond disc, Alpha Professional Tools® introduced a lippage disc designed specifically for this application. Alpha® Advantage Lippage Discs consist of a group of metal bonded pellets imbedded in a resin compound that contains a sub-abrasive grit on a rigid pad. The resin compound prevents pellet loss and chipping of the stone. The sub-abrasive in the resin compound keeps the metal bonded pellets sharp for consistent performance. Floor restoration workers will love the aggressiveness of these discs. Designed for use on the AFP-300's 17" driver pad, a minimum of 3 discs for each grit are required for the system although as many as 6 can be used for best results. Used wet and hook and loop backed for easy application, the Alpha® Advantage Lippage Discs are long lasting and provide the initial steps that result in a superb finish. Available in 2 grits, 60 &

PART NO.	GRIT NO.	TYPE	DESCRIPTION
ADM0060	60	METAL	GRINDING LIPPAGE REMOVAL
ADM0150	150		

150, these discs are the best discs for removing lippage and making the floor completely flat. If your work involves floor restoration, these discs are a must for you.

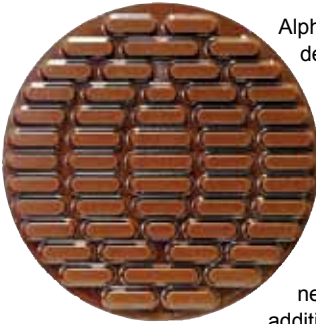
Alpha® Advantage Resin Disc For Marble

As the backbone of the Alpha® Advantage System, these resin diamond discs are uniquely designed for optimum polishing results. Alpha Professional Tools® designed this series of grits specifically for marble and terrazzo floor restoration or maintenance. The marble resin discs utilize a thin needle shaped pattern for best results on marble. These discs work quickly and last long. The marble floor restoration worker will produce consistent results with these discs. Each disc is uniquely designed for long life and ease of operation. The resin discs are directional, which enhances water flow through the disc to promote removal of slurry. Available in 5 grits, these resin discs prepare your marble or terrazzo floor for the final polishing stage. The Alpha® Advantage Resin Discs For Marble have been proven to work better than other polishing systems for marble or terrazzo and are capable of producing better than factory finishes. Designed with improved cost performance and quality of polish, these resin discs are unequaled. If your work involves marble or terrazzo floor restoration or maintenance, the Alpha® Advantage Resin Discs for Marble are made for you.



ADVANTAGE RESIN DISC FOR MARBLE

PART NO.	GRIT NO.	TYPE	DESCRIPTION
AT0300R	300	RESIN	POLISHING FOR MARBLE
AT0500R	500		
AT1000R	1000		
AT2000R	2000		
AT3000R	3000		



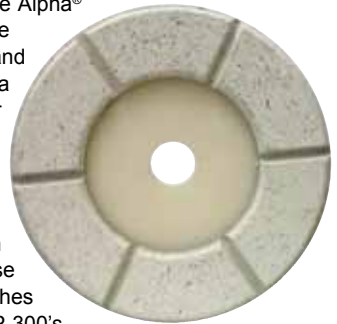
ADVANTAGE RESIN DISC FOR GRANITE

Alpha® Advantage Resin Discs For Granite are specifically designed for optimum polishing results on granite floors. These resin discs work extremely well on even the most difficult granite floors and provide the best foundation to achieve the high degree of polish that is most desirable. Used properly, these resin discs are capable of equaling or exceeding factory finishes. Granite floor restoration workers love the excellent gloss they achieve through the use of these resin discs on all types of granite, especially on black granites. The resin discs for granite utilize a thicker needle shaped pattern than the marble discs and require the addition of 60 pounds of weight to the AFP-300 for best polishing results. The resin discs are directional to promote enhanced water flow through the contact area of the disc to remove slurry. Designed with improved cost-effectiveness and quality of polish, these resin discs are far superior to other granite polishing systems and can easily produce the factory finish that is so desirable on granite floors. When it comes to granite floor restoration, Alpha® Advantage Resin Discs for Granite are the best.

PART NO.	GRIT NO.	TYPE	DESCRIPTION
ADG0300	300	RESIN	POLISHING FOR GRANITE
ADG0500	500		
ADG1000	1000		
ADG2000	2000		
ADG3000	3000		

Alpha® Advantage Final Polish Disc

As the last stage of the Alpha® Advantage System, the Alpha® Advantage Final Polish Discs are designed to produce a deep glossy reflection on marble, terrazzo and granite floors. Like other final polish discs in the Alpha Professional Tools® product line, only a little water is necessary so the discs can traverse the floor. The discs are made from tin oxide and natural fibers that are heat compressed into a hard disc form. As there are no dangerous chemicals involved, the discs are environmentally safe and easy to use. Floor restoration workers will love the results they can achieve with these discs. Building owners will be impressed with the finishes they see on their floors. Designed for use on the AFP-300's 17" driver pad, these discs feature a hook and loop backing for easy attachment. A minimum of 3 discs is required for proper operation but 6 discs are recommended for best results. Available in black for dark colored stone and white for light colored stone, Alpha® Advantage Final Polish Discs succeed in producing the high quality glossy finish that the Alpha® Advantage System is known for. Unique finishes on black granite can be accomplished by using the black disc followed by the white disc in sequence.



ADVANTAGE FINAL POLISH DISC

PART NO.	GRIT NO.	TYPE	DESCRIPTION
ADBLACK	FINAL	BUFF	FINAL POLISHING
ADWHITE	FINAL		

Alpha® Hand-Held Tools

Alpha Professional Tools® offers many hand-held tools for stone fabrication. Below are a few of the popular tools. For a complete list, or more information, please visit our website or the Hand Tooling catalog.

CUTTING

PSC-150

Powerful Pneumatic Stone Cutter



- 2 HP pneumatic powered motor with speed governor regulator
- Great for sink-hole cutting and groove-cutting for rodding applications
- Capable of Miter Cutting on 1-1/4" materials with ease
- Kink-free water & air hoses for easy maneuverability and reducing operator fatigue

AWS-125

Powerful Wet Stone Cutter



- Designed for use in the stone, tile and glass industry
- Side handle for more stability and control
- Perfect straight cuts
- GFCI built-in (ground fault circuit interrupter).
- Accepts a curve cutting blade

GRINDING AND POLISHING

AIR-680



The Best even got Better with...

- New Oil Port for Easy access to execute daily maintenance
- 15' Flexible air and water hoses
Extreme all weather flexibility (-40° to +140° F)

AIR-300



Mini Air Polisher!

- Designed to fit comfortably in your hand
- Weighs 1.6 pounds reducing fatigue from long hours of polishing
- The smaller design is easy to maneuver and produces flawless sink rims and bowls

VSP-320

Variable Speed Wet Polisher



- Variable speed range of 700 to 2,500 rpm
- 15 ft all-weather flexible & kink-free Water Hose, bundled by 3 ft. of an EasyOn-EasyOff sleeve that improves the maneuverability of the polisher

WDP-320

WDP-320 Wet/Dry Variable Speed Polisher



- Variable speed range of 700 to 2,500 rpm
- 15 ft all-weather flexible & kink-free Water Hose, bundled by 3 ft. of an EasyOn-EasyOff sleeve that improves the maneuverability of the polisher
- Ecoguard G attached which provides for wet and dry tile edge polishing without the typical mess

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Product Literature Catalogs

Alpha® provides product catalogs for all products to best serve the particular needs of our customers. Catalogs are available for applications such as Hand Tooling and Large Machine Tooling, as well as for specific industries such as concrete, automotive, industrial and composites.

All of our catalogs are a convenient portable of size 5.5" x 8.5", and illustrate the tools and accessories needed for Cutting, Profiling, Grinding, Drilling, Polishing and Restoring all types of materials.

To request these catalogs, or for more information about our product line, visit our website at www.alpha-tools.com or contact us at 800-648-7229



ALPHA® TOOL REPAIR

- Authorized repair centers in the USA and Canada
- All tool repairs carry a 30-day warranty
- Quick turn-around time
- Technical support for repair and maintenance
- Order replacement tool parts directly from Alpha®
- Loaner program available



Eastern USA	Western USA
<p>Alpha Professional Tools® 103 Bauer Drive Oakland, New Jersey 07436 Phone #: (800) 648-7229 ext. 240 E-mail: tooldesk@alpha-tools.com</p>	<p>A1 Industrial & eReplacementParts.com 7036 South High Tech Drive Midvale, UT 84047 Phone #: 801-285-7232 E-mail: dale@ereplacementparts.com</p>

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