

SUPER-EDGE™ FOR IN-LINE POLISHING

Abrasive Technology's in-line polishing tools are ideal for processing both natural and synthetic stones popular in today's modern fabrication shop.



GET MORE WORK DONE IN A SINGLE DAY

Increase Your Productivity and Generate Added Income For Your Business



Fixed Costs	SiC Bricks	Competitor Diamond	AT
Throughput (Ft/Min)	0.9	1.25	1.5
Machine Time (Hrs/Month)	240	240	240
Machine Idle Time (%)	40%	40%	40%
Max Throughput (Lin Ft/Min)	7776	10800	12960
Tool Changes (Min.)	20	20	20
Tool Changes (Month)	15	1.5	2
Rework (%)	15%	10%	5%
Lost Productivity (Hr/Month)	24.4	18.5	11.5
Lost Productivity (Lin Ft/Month)	1320	1388	1032
Max Production (Lin Ft/Month)	6456	9413	11928

Monthly Gain

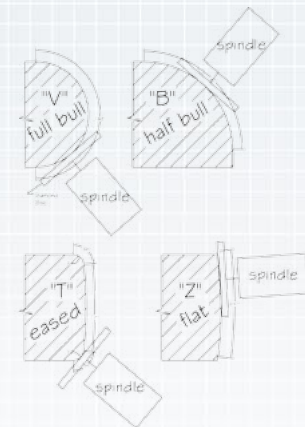
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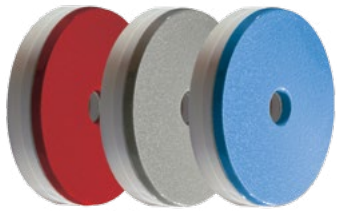
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BONUS

POLISH FLAT EDGES USING MICRO-OSCILLATION

- Use the same disc for any edge shape without switching disc types.
- Save time and money.
- Eliminate the need to break in new discs.





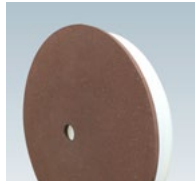
SUPER-EDGE™ DIAMOND DISCS FOR NATURAL STONE

- For all in-line multihead automated edge polishing machinery.
- Use immediately after a metal bond forming tool to speed up the finishing process and to reduce or eliminate costly rework.
- Produce a better finish in fewer passes.
- No final buff is required.



SUPER-EDGE™ PLUS DIAMOND DISCS FOR ALL STONE TYPES

- Same performance advantages of Super-Edge™.
- *New!* Pigmentation has been removed from the diamond section to alleviate color transfer onto natural and synthetic surfaces.
- Color coding for easy identification is now located in the support side of disc.
- Supports fitted with three radial holes to facilitate locking the disc to ease the removal operation.



HYBRID	
S4750304	Super-Edge™ 6" Coarse Hybrid Snaillock
S475001	Super-Edge™ 6" Fine Hybrid Snaillock
S4750305	Super-Edge™ 5" Coarse Hybrid Snaillock
S475002	Super-Edge™ 5" Fine Hybrid Snaillock

SUPER-EDGE™ HYBRID DISCS

- Combine the best of resin and metal bonds.
- Fast and aggressive.
- Easily remove deep scratches using a fine grit, leaving a perfect finish.
- Last longer than traditional resin discs.
- Deliver the best possible depth of color for dark stones.
- Low operating pressure.
- Increased travel speeds.

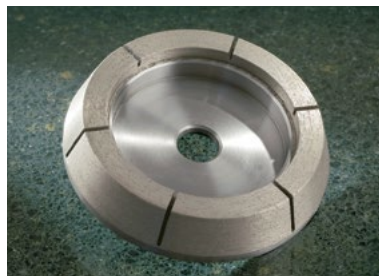
ALL RESIN SYSTEM	POSITION								BELT SPEED
	1	2	3	4	5	6	7	8	
5 HEADS	120	220	400	800	1800	////	////	////	10-12 IN/MIN
6 HEADS	50	120	220	400	800	1800	////	////	12-14 IN/MIN
7 HEADS	50	120	220	400	600	800	1800	////	14-18 IN/MIN
8 HEADS	50	120	220	400	600	800	1800	3500	18-20 IN/MIN

HYBRID SYSTEM	POSITION								BELT SPEED
	1	2	3	4	5	6	7	8	
5 HEADS	FINE HYBRID	220	400	600	1800	////	////	////	10-12 IN/MIN
6 HEADS	FINE HYBRID	220	400	800	600	1800	////	////	12-14 IN/MIN
7 HEADS	FINE HYBRID	220	400	600	800	1800	3500	////	14-18 IN/MIN
8 HEADS	FINE HYBRID	220	220	300	600	800	1800	3500	18-20 IN/MIN

BEST USE PRACTICES

When converting from SiC bricks to diamond tools, the spindle bearings may need to be replaced first. Vibration produced by excessive wear from traditional abrasives will cause erratic performance with the diamond tools.

The fine hybrid replaces position 1 (50) & 2 (120). Reduce operating pressures when using hybrids as they are significantly more aggressive. With the available spindle, we recommend doubling on #220 for the best possible depth of color. If more removal than Fine is required, order Coarse version.



METAL BOND WHEELS

- Metal bond wheels are solid, not segmented; no shock, no sound, extend bearing life, cut extremely freely, last long time.
- Standard four screw mount for Velocity and Fastback machines. Mounts for Montresor and other brands are also available.

METAL BOND

- S6750067 Park Velocity 5" Calibrator (All) #50
- S6750089 Montresor 5" Thick & Corner Grind #50
- S6750090 Park Velocity 6" Thick & Corner Grind #50
- S6750093 Bullnoze Shaper 5" #50 (Need S6990003 Adaptor)
- S6750094 Corner Grinder #50
- S6750095 10" Thickness Calibrator #50
- S6750096 Park Velocity 6" Smart Spindle #50
- S6750097 Bullnoze Shaper 5" #50 (Need S6990004 Adaptor)

ADAPTORS



S6990003



S6990004

S6990003

M30 Adaptor For S6750093

S6990004

5" M30 X 3.5 Adaptor, 3 Holes For S6750097

