

2023 CATALOG



THE EYE of INNOVATION

With more than 25 years of experience, Diamax strives to be the #1 in innovation, quality and customer service.

diamaxinc.com

HOME OF THE
#1 BRAND IN STONE

To our Esteemed Customers and Loyal Distributors,

On behalf of the Diamax staff we would like to extend our warmest thanks and appreciation to our exceptional customers. The relationships that we have forged since 1996 are really what drives us every day to provide first rate customer service and cutting-edge technology.

For 2023 we have pushed deeper into the challenging world of Quartzite and Ultra Compact fabrication to bring the latest and greatest solutions for our fabricators. Our new **QZT** and **Cyclone Ultra** silent core blades provide the precision and fast performance users require. Our customer's safety is always foremost in our mind which has led us to create the **Rockbuster** to completely rid every shop of dangerous silicon carbide stones and dry grinding. Finally, hand fabricators can work safely without altering their tried-and-true techniques.

Thank you to all of our customers and vendors for trusting us to be a partner in success. We look forward to an exciting and challenging 2023 with you!

Sincerely,

Justin & Simon Hong

Founders

Diamax Industries Inc.



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BLADES

KEY FEATURES

**Less than 1% return ratio on
all turbo blade lines**

**Flawless, straight cuts
every time**

**Evolving Technology to cut
the hardest materials**

Performance you can trust



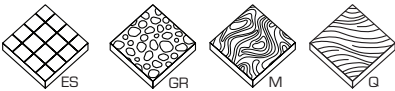
Cyclone QZT Quartzite Blade

- All new bond built for speed & reliability!
- Segment designed to keep a square edge during miter cuts.
- Best blade in the industry to reduce production bottlenecks with fast cuts and clean edges.
- Only one pass needed! See speed and feed rates below for single pass cutting.

Tools:



Material:



Item #	Size	Segment	Arbor	RPM	Feed Rate	
					* Straight	* Miter
SCQ21420	14"	20mm x 3.3mm	50/60 mm	1900	72" / min	42" / min
SCQ21620	16"	20mm x 3.3mm	50/60 mm	1800	72" / min	42" / min
SCQ21820	18"	20mm x 3.3mm	50/60 mm	1700	72" / min	42" / min

*Suggested feed rates. Feed rates based on single pass in quartzite.

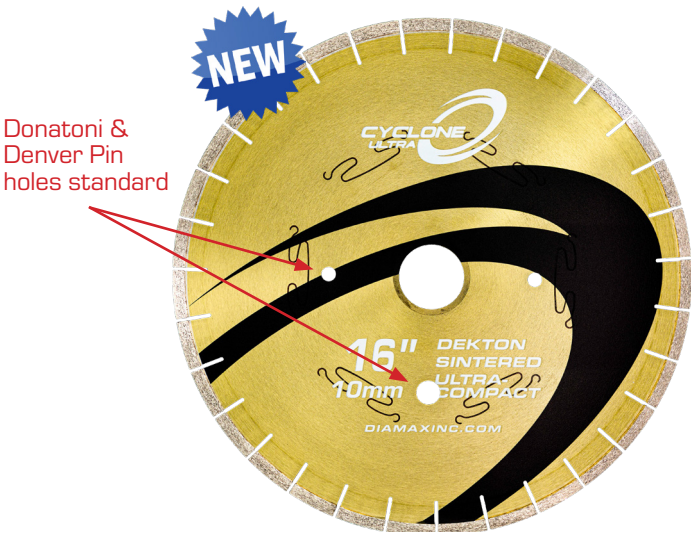
Cyclone Ultra

- Minimal upkeep; limited dressing
- Excellent finish for straight AND miter cuts
- Silent steel core for noise reduction and cutting efficiency
- Precision factory dressing and diamond bonding for minimal load while cutting
- Donatoni & Denver pin holes standard

Tools:



Material:



Item #	Size	Segment	Arbor	RPM	Feed Rate	
					* Straight	* Miter
CUCS14	14"	10mm	60/50 mm	2000	35" - 70" / min	30" - 12" / min
CUCS16	16"	10mm	60/50 mm	2000	35" - 70" / min	30" - 12" / min
CUCS18	18"	10mm	60/50 mm	1800	35" - 70" / min	30" - 12" / min

*Suggested feed rates.

Cyclone S Super Q Silent Core

- Blade can be used for straight and miter cuts with minimal noise
- Reinforced core allows for miter cuts up to 40% of speed of straight cuts
- U-shaped segment design for faster speed and no glazing

Tools:



Material:



Item #	Size	Segment	Arbor	RPM	Suggested Feed Rate	
					Straight	Miter
SCQU1420	14"	20 mm x 3.2 mm	50/60 mm	1900	118"/min	74"/min
SCQU1620	16"	20 mm x 3.2 mm	50/60 mm	1750	118"/min	74"/min
SCQU1820	18"	20 mm x 3.2 mm	50/60 mm	1700	118"/min	74"/min

60% Feed rate for miter cutting.

Cyclone S Silent Core

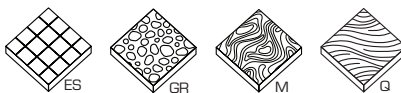
- Now one blade for straight cuts and miters
- New reengineered segment gives faster, cleaner and straighter miter cuts
- New Reinforced core does not flex or lose tension when cutting miters
- Miter or straight cut clean edges on material ranging from marble to quartzite*

* Proper dressing needed when cutting materials with varying densities

Tools:



Material:



Item #	Diameter	Seg Size	Arbor	RPM	Max Feedrate
SCDA1420S	14"	20 mm	50/60 mm	1,900	Max 21' per minute
SCDA1426S	14"	26 mm	50/60 mm	1,900	
SCDA1620S	16"	20 mm	50/60 mm	1,750	
SCDA1626S	16"	26 mm	50/60 mm	1,750	
SCDA1826S	18"	26 mm	50/60 mm	1,700	

Cyclone Silent Core Blade



- 9 layers of patterned diamond technology to achieve max performance
- Cyclone high-speed diamond allocation technology provides fast cutting (SCDA)
- Choose from 20 mm or 26 mm segments

Tools:



Material:



Item #	Size	Segment	Arbor	RPM
SCDA1220	12"	20 mm	50/60 mm	1,600 - 1,800
SCDA1420	14"	20 mm	50/60 mm	1,400 - 1,600
SCDA1426	14"	26 mm	50/60 mm	1,400 - 1,600
SCDA1620	16"	20 mm	50/60 mm	1,200 - 1,400
SCDA1626	16"	26 mm	50/60 mm	1,200 - 1,400
SCDA1690	16"	26 mm	90 mm	1,200 - 1,400
SCDA1826	18"	26 mm	50/60 mm	1,000 - 1,200



Parameters for Cyclone S and Cyclone SCDA			
Size	Recommended RPM	Feed rate	Suggested Horsepower
12"	1,800	10 - 17 ft/min	10 - 20
14"	1,600	10 - 17 ft/min	10 - 20
16"	1,400	10 - 17 ft/min	15 - 25
18"	1,200	10 - 17 ft/min	20 - 25

Cyclone Low Horsepower Blade



- First ever low horsepower (LH) blade designed with a silent core
- Designed for the Achilles, Blue Ripper, TSA or any portable track saw device
- Special soft bond cuts super hard material with ease

Tools:



Material:



Item #	Size	Segment	Bond	Arbor	RPM
SCLH14	14"	10 mm	Soft	50/60 mm	1,400 - 1,600
SCLH16	16"	10 mm	Soft	50/60 mm	1,200 - 1,400
SCSB1415	14"	15 mm	Soft	50/60 mm	1,400 - 1,600
SCSB1615	16"	15 mm	Soft	50/60 mm	1,200 - 1,400

Cyclone Marble Silent Core Blade



- Designed with a specific marble bond segment
- Segments contain a higher concentration of smaller grit diamonds to insure chip-free clean cutting
- The silent core feature reduces noise significantly
- Performs clean and straight miter cuts

Tools:



Material:



Item #	Size	Segment	Bond	Arbor	RPM
SCARB14	14"	10 mm	Med	50/60 mm	2,000
SCARB16	16"	10 mm	Med	50/60 mm	1,800

BLADES

Cyclone S Arrowtek Turbo Blade



- The Cyclone Arrowtek design is the next generation of diamond blades
- The Arrowtek rim allows this blade to cut faster and cleaner than traditional turbo blades on hard materials

Tools:



Material:



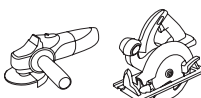
Item #	Size	Arbor	Max RPM
TBA50	5"	5/8"- 7/8"- 20 mm	12,000
TBA55	5.5"	5/8"- 7/8"- 20 mm	10,185
TBA60	6"	5/8"- 7/8"- 20 mm	10,185

Cyclone Side Segment Turbo Blade



- Side segments are fully inlaid within the core for safe cutting
- Side segments prevent blade from binding within the stone
- Thick solid steel core eliminates any possibility of warping and insures straight cuts

Tools:



Material:



Item #	Size	Arbor	Max RPM
SSTB5P	5"	5/8"- 7/8"- 20 mm	12,000
SSTB6P	6"	5/8"- 7/8"- 20 mm	10,185
SSTB7P	7"	5/8"- DKO	8,730

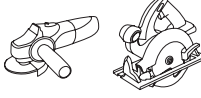


Super Cyclone Turbo Blade



- Our best performing blade on Quartzite
- With a taller 9.5 mm segment and thicker core, this blade cuts with a solid heavy duty feel
- Less than a 1% return ratio over 10 years
- Contains the highest grade of GE Super-abrasive diamonds

Tools:



Material:



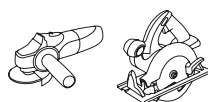
Item #	Size	Arbor	Max RPM
TBSS45	4.5"	5/8"- 7/8"- 20 mm	13,300
TBSS50	5"	5/8"- 7/8"- 20 mm	12,000
TBSS60	6"	5/8"- 7/8"- 20 mm	10,185
TBSS70	7"	5/8"- DKO	8,730

Cyclone Turbo Blade

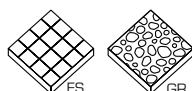


- Laboratory tested to dry cut 118 linear feet of 3 cm absolute black granite
- The #1 selling turbo blade in America
- 7" and 8" blades now have a thicker core which make for straighter cuts and they are silent

Tools



Material:



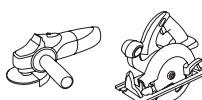
Item #	Size	Arbor	Max RPM
TBS40	4"	5/8"- 7/8"- 20 mm	15,000
TBS45	4.5"	5/8"- 7/8"- 20 mm	13,000
TBS50	5"	5/8"- 7/8"- 20 mm	12,000
TBS60	6"	5/8"- 7/8"- 20 mm	10,185
TBSC70	7"	5/8"- DKO, Silent core	8,730
TBS7Q	7"	5/8"- 7/8"- 20 mm	8,730
TBSC80	8"	5/8"- DKO, Silent core	7,640

Hurricane Turbo Blade

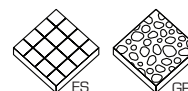


- Cuts like a Cyclone at a more affordable price
- Softer bond for faster cutting
- Still maintains a return ratio of less than 1% over the last 13 years

Tools



Material:



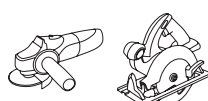
Item #	Size	Arbor	Max RPM
HTB40	4"	5/8"- 7/8"- 20 mm	15,000
HTB45	4.5"	5/8"- 7/8"- 20 mm	13,000
HTB50	5"	5/8"- 7/8"- 20 mm	12,000
HTB60	6"	5/8"- 7/8"- 20 mm	10,185
HTB70	7"	5/8"- DKO	8,730
HTB7Q	7"	5/8"- 7/8"- 20 mm	8,730
HTB80	8"	5/8"- DKO	7,640

Typhoon Turbo Blade



- New bond with additional diamonds offers even faster cutting and an extended life
- Fast, smooth cut throughout the life of the blade
- Cleanest cutting economy turbo blade in the industry
- Can cut up to 1,000+ feet when used with water

Tools



Material:



Item #	Size	Arbor	Max RPM
TBT40	4"	5/8"- 7/8"	15,000
TBT45	4.5"	5/8"- 7/8"	13,000
TBT50	5"	5/8"- 7/8"	12,000
TBT60	6"	5/8"- 7/8"	10,185
TBT70	7"	5/8"- DKO	8,730



BLADES

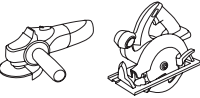


Super Cyclone Electroplated Blade



- Thick enough for quad adapters
- First marble blade with vortex side protection
- Cuts engineered glass composite materials
- Side protection ensures a clean 90° cut
- **Cleanest cutting Dekton blade on the market**

Tools



Material:



Item #	Size	Arbor	RPM
EMBSL40	4"	5/8"- 7/8"- 20 mm	15,000
EMBSL45	4.5"	5/8"- 7/8"- 20 mm	13,300
EMBSL50	5"	5/8"- 7/8"- 20 mm	12,000
EMBSL60	6"	5/8"- 7/8"- 20 mm	10,185
EMBSL70*	7"	5/8"- DKO	8,730
EMBSL7Q	7"	5/8"- 7/8"- 20 mm	8,730

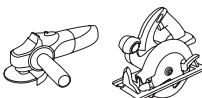
* Comes with DKO and 4 holes

Cyclone Electroplated Blade



- Thin core allows for sharp, clean cuts in all marbles
- Special electroplating process separates this blades performance from all others
- For straight cuts only

Tools



Material:



Item #	Size	Arbor	RPM
EMBL40	4"	5/8"- 7/8"- 20 mm	15,000
EMBL45	4.5"	5/8"- 7/8"- 20 mm	13,300
EMBL50	5"	5/8"- 7/8"- 20 mm	12,000
EMBL60	6"	5/8"- 7/8"- 20 mm	10,185
EMBL70	7"	5/8"- DKO	8,730



Cyclone Contour Blade

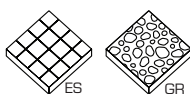


- Vortex side protection designed for faster and smoother cutting
- Side protection helps keep cuts smooth and chip-free
- Increased segment height for longer life

Tools



Material:



Item #	Size	Arbor	RPM
CTB52	5"	5/8"- 7/8"	12,200
CTB62	6"	5/8"- 7/8"	10,000

Hurricane Contour Blade

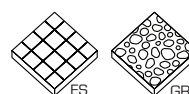


- Perfect balance ensures smooth entry with your first cut
- The turbo-rim produces safer and cleaner cuts than other contour blades

Tools



Material:



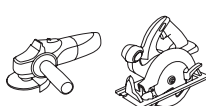
Item #	Size	Arbor	Max RPM
CTBH5	5"	5/8"- 7/8"	12,000
CTBH6	6"	5/8"- 7/8"	10,000

Cyclone Electroplated Contour Blade



- Redesigned with vortex side protection for smoother cutting
- Advanced and highly special production process separates Cyclone electroplated products from the rest
- Designed for curve-cutting sinks and large radius cut-outs

Tools



Material:



Item #	Size	Arbor	RPM
CTEB5	5"	5/8"- 7/8"	12,000



WET POLISHING

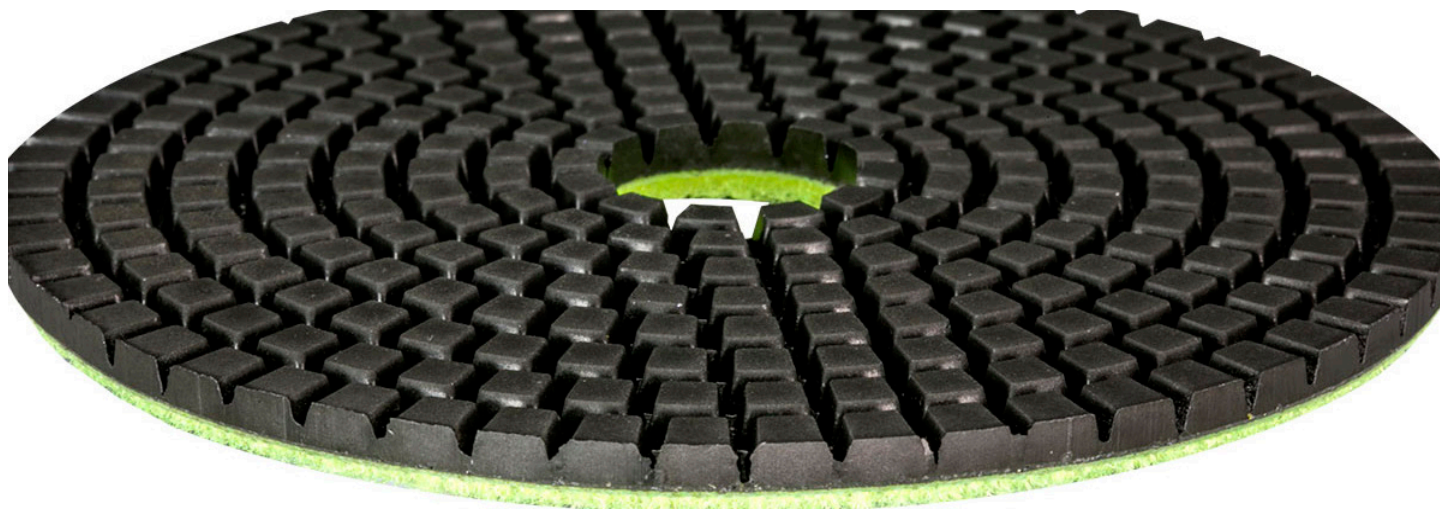
KEY FEATURES

Wet resin velcro polishing pads available in 3", 4" and 5"

Always in stock

Options available for granite, marble & engineered stone





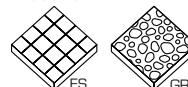
Cyclone Ultra Wet Polishing System

- The Cyclone Ultra is the highest quality wet polishing system produced by Diamax
- With its new resin and heavier diamond formula, the Ultra System delivers longer life & minimizes polishing time at a great value
- Used to polish all engineered and natural stone materials with minimal resin bleeding
- 3 mm thick resin with R Series Tread

Tools



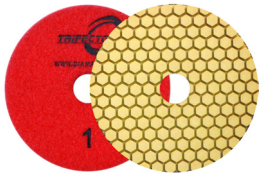
Material:



Grit	3"	4"	5"	Wet Only RPM
50	SPD30050	SPD40050	SPD50050	4,000
100	SPD30100	SPD40100	SPD50100	4,000
200	SPD30200	SPD40200	SPD50200	4,000
400	SPD30400	SPD40400	SPD50400	4,000
800	SPD30800	SPD40800	SPD50800	4,000
1,500	SPD31500	SPD41500	SPD51500	4,000
3,000	SPD33000	SPD43000	SPD53000	4,000
Black buff	SPD3BB	SPD4BB	NA	4,000
White buff	SPD3BW	SPD4BW	NA	4,000

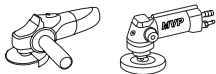
WET POLISHING

Trifecto Polishing System

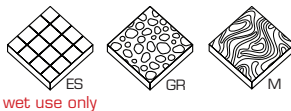


- Reduces polishing time by 40% to 50%
- Can be used dry but for best results use all 3 steps wet. Start with 120 grit stone, then repeat Pos. 1 with a little water
- Achieves the same gloss meter reading of a full system in half the time

Tools



Material:



wet use only

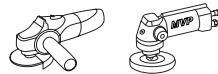
Pos.	Item #	Size	Fitting	Wet/Dry RPM
1	P3D41	4"	Velcro back	4,000
2	P3D42	4"	Velcro back	4,000
3	P3D43	4"	Velcro back	4,000

Hurricane 3 Step Wet Polishing System



- Step "0" removes deep scratches
- Reduces polishing time by 40 - 50%
- Super diamond concentration removes four polishing steps with an optional zero position
- Extremely flexible design allows for use on ogee profiles & other tight corners

Tools



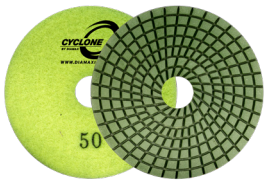
Material:



Pos.	Item #	Size	Fitting	Wet only RPM
0	PD4F40	4"	Velcro back	4,000
1	PD4F41	4"	Velcro back	4,000
2	PD4F42	4"	Velcro back	4,000
3	PD4F43	4"	Velcro back	4,000

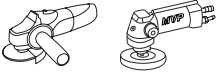


Cyclone Wet Polishing System Superflex Series



- Premium wet polishing disk
- Durable and high-performing against the top brands in the industry
- Gains flexibility after continual use
- 3 mm thick resin with Superflex tread

Tools



Material:



Grit	3"	4"	5"	Wet only RPM
50	PD350SF	PD450SF	PD550SF	4,000
100	PD3100SF	PD4100SF	PD5100SF	4,000
200	PD3200SF	PD4200SF	PD5200SF	4,000
400	PD3400SF	PD4400SF	PD5400SF	4,000
800	PD3800SF	PD4800SF	PD5800SF	4,000
1,500	PD31500SF	PD41500SF	PD51500SF	4,000
3,000	PD33000SF	PD43000SF	PD53000SF	4,000
Black buff	PD3BB	PD4BB	PD5BB	4,000
White buff	PD3BW	PD4BW	PD5BW	4,000

Cyclone Wet Polishing System R-Series



- Premium wet polishing disk
- Durable and high-performing against the top brands in the industry
- Gains flexibility after continual use
- 3 mm thick resin with R Series Tread

Tools



Material:



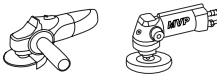
Grit	3"	4"	5"	Wet only RPM
50	PDR350	PDR450	PDR550	4,000
100	PDR3100	PDR4100	PDR5100	4,000
200	PDR3200	PDR4200	PDR5200	4,000
400	PDR3400	PDR4400	PDR5400	4,000
800	PDR3800	PDR4800	PDR5800	4,000
1,500	PDR31500	PDR41500	PDR51500	4,000
3,000	PDR33000	PDR43000	PDR53000	4,000
Black buff	PDR3BB	PDR4BB	NA	4,000
White buff	PDR3BW	PDR4BW	NA	4,000

Cyclone Wet Polishing System S-Series

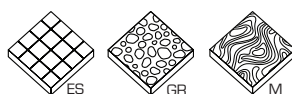


- Premium wet polishing disk
- Durable and high-performing against the top brands in the industry
- Gains flexibility after continual use
- 3 mm thick resin with S Series Tread

Tools



Material:



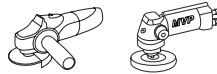
Grit	3"	4"	Wet only RPM
50	STS350	STS450	4,000
100	STS3100	STS4100	4,000
200	STS3200	STS4200	4,000
400	STS3400	STS4400	4,000
800	STS3800	STS4800	4,000
1,500	STS31500	STS41500	4,000
3,000	STS33000	STS43000	4,000

3.5 Cyclone Wet Polishing System R-Series



- Thicker 3.5mm pads with our highest selling R series tread pattern
- Available in 30, 50, 100, 300, 500, 1000, 2000, 3000 grits
- Pads may be used interchangeably with other Diamax wet polishing systems

Tools



Material:



Grit	Item #	Size	Fitting	Wet only RPM
30	PDR3530	4"	Velcro back	4,000
50	PDR3550	4"	Velcro back	4,000
100	PDR35100	4"	Velcro back	4,000
300	PDR35300	4"	Velcro back	4,000
500	PDR35500	4"	Velcro back	4,000
1,000	PDR351000	4"	Velcro back	4,000
2,000	PDR352000	4"	Velcro back	4,000
3,000	PDR353000	4"	Velcro back	4,000

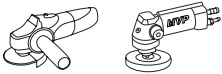
WET POLISHING

Hurricane Wet Polishing System RE Series

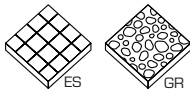


- This wet pad system is the best value in terms of durability, polish, and flexibility
- Best selling 3 mm pad in our line-up
- New 30 grit pad can be used as a substitute for carbide stones to remove deep scratches
- 3 mm thick resin with R Series Tread

Tools



Material:



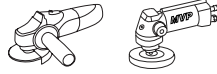
Grit	3"	4"	5"	Wet only RPM
30	NA	PDRE40030	NA	4,000
50	PDRE350	PDRE450	PDRE550	4,000
100	PDRE3100	PDRE4100	PDRE5100	4,000
200	PDRE3200	PDRE4200	PDRE5200	4,000
400	PDRE3400	PDRE4400	PDRE5400	4,000
800	PDRE3800	PDRE4800	PDRE5800	4,000
1,500	PDRE31500	PDRE41500	PDRE51500	4,000
3,000	PDRE33000	PDRE43000	PDRE53000	4,000
Black buff	PDRE3BB	PDRE4BB	PDRE5BB	4,000
White buff	PDRE3BW	PDRE4BW	PDRE5BW	4,000

Hurricane Wet Polishing System WE Series

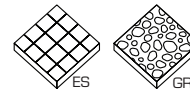


- This wet pad system is the best value in terms of durability, polish, and flexibility
- 3 mm thick resin with W Series Tread

Tools



Material:



Grit	3"	4"	5"	Wet only RPM
50	PDWE350	PDWE450	PDWE550	4,000
100	PDWE3100	PDWE4100	PDWE5100	4,000
200	PDWE3200	PDWE4200	PDWE5200	4,000
400	PDWE3400	PDWE4400	PDWE5400	4,000
800	PDWE3800	PDWE4800	PDWE5800	4,000
1,500	PDWE31500	PDWE41500	PDWE51500	4,000
3,000	PDWE33000	PDWE43000	PDWE53000	4,000

Typhoon Clover Polishing System

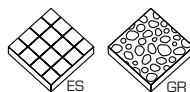


- New Clover tread design traps water for a high polish
- Pads are highly flexibility with clover tread
- Rounded pad edges eliminate any accidental scratches
- 3 mm thick resin

Tools



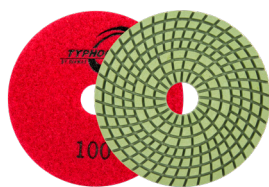
Material:



Grit	4"	Fitting	RPM/Wet
50	PRC40050	Velcro back	4,000
100	PRC40100	Velcro back	4,000
200	PRC40200	Velcro back	4,000
400	PRC40400	Velcro back	4,000
800	PRC40800	Velcro back	4,000
1,500	PRC41500	Velcro back	4,000
3,000	PRC43000	Velcro back	4,000



Typhoon Wet Polishing System

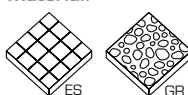


- Gives you the best polish in the economy class without sacrificing life
- Durable with a spiral design that spreads water efficiently
- 3 mm thick resin

Tools



Material:



Grit	4"	5"	Fitting	RPM/Wet
50	PDRH450	PDRH550	Velcro back	4,000
100	PDRH4100	PDRH5100	Velcro back	4,000
200	PDRH4200	PDRH5200	Velcro back	4,000
400	PDRH4400	PDRH5400	Velcro back	4,000
800	PDRH4800	PDRH5800	Velcro back	4,000
1,500	PDRH41500	PDRH51500	Velcro back	4,000
3,000	PDRH43000	PDRH53000	Velcro back	4,000

Cyclone Polishing Convex Disk

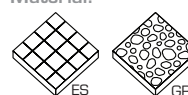


- Pads are useful for ogee edge polishing
- Good for polishing difficult to reach areas like inside corners of sink cut outs
- Velcro backed for use with 3" backer pad

Tools



Material:



Grit	Item #	Size	Fitting	RPM/Wet
50	PDCX30050	3"	Velcro back	2,500
100	PDCX30100	3"	Velcro back	2,500
200	PDCX30200	3"	Velcro back	2,500
400	PDCX30400	3"	Velcro back	2,500
800	PDCX30800	3"	Velcro back	2,500
1,500	PDCX31500	3"	Velcro back	2,500
3,000	PDCX33000	3"	Velcro back	2,500
Black buff	PDCX3BB	3"	Velcro back	2,500
White buff	PDCX3BW	3"	Velcro back	2,500

Cyclone Polishing Drum Wheel

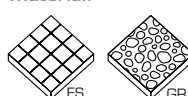


- Edge polishing for sink cut-outs
- Recommended use: Oscillate up and down for proper even drum wear
- Rubber drum increases tread life & reduces vibration

Tools



Material:



Grit	Item #	Size	Fitting	RPM/Wet
50	RD250	2"x 1.5"	5/8"- 11	3,000
100	RD2100	2"x 1.5"	5/8"- 11	3,000
200	RD2200	2"x 1.5"	5/8"- 11	3,000
400	RD2400	2"x 1.5"	5/8"- 11	3,000
800	RD2800	2"x 1.5"	5/8"- 11	3,000
1,500	RD21500	2"x 2"	5/8"- 11	3,000
3,000	RD23000	2"x 2"	5/8"- 11	3,000
Black buff	RD2BB	2"x 2"	5/8"- 11	3,000
White buff	RD2BW	2"x 2"	5/8"- 11	3,000

Cyclone Mini-Polishing Drum Sleeve & Adapter



- Small diameter allows you to wet polish tight radiuses not accessible with a pad
- Dual threaded adapter allows for use on CNC or hand-held water fed polisher
- Available in 7 grits that change out easily from the stainless steel adapter
- Wet use only

Tools



Material:



Grit	Item #	Size (W x L)	Dual Fitting	RPM
50	SRD250	3/4" x 1 1/2"	1/2 gas & 5/8"-11	3,000
100	SRD2100	3/4" x 1 1/2"	1/2 gas & 5/8"-11	3,000
200	SRD2200	3/4" x 1 1/2"	1/2 gas & 5/8"-11	3,000
400	SRD2400	3/4" x 1 1/2"	1/2 gas & 5/8"-11	3,000
800	SRD2800	3/4" x 1 1/2"	1/2 gas & 5/8"-11	3,000
1500	SRD21500	3/4" x 1 1/2"	1/2 gas & 5/8"-11	3,000
3000	SRD23000	3/4" x 1 1/2"	1/2 gas & 5/8"-11	3,000
NA	SRDAPT	4" adapter length	5/8" Inner thread + 1/2" gas outer	

ENGINEERED STONE POLISHING

KEY FEATURES

**Will not burn engineered
stone**

**Polish engineered stone
faster than our competitors**

**Enhanced resin formula
guarantees to never bleed**

**Choose from our 7 step or
3 step options**



ENGINEERED STONE POLISHING



Cyclone ES White 3 Step Polishing System

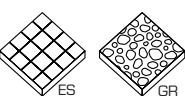


- Light colored resin allows for polishing of lighter colored stones without bleeding
- Unique diamond matrix enables you to polish in three easy steps
- Increased flexibility for tight corners & contoured edges

Tools



Material:



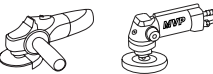
Pos.	Item #	Size	Description	RPM
0	ESWN400	4"	Velcro back, 3 mm resin	4,000
1	ESWN401	4"	Velcro back, 3 mm resin	4,000
2	ESWN402	4"	Velcro back, 3 mm resin	4,000
3	ESWN403	4"	Velcro back, 3 mm resin	4,000

Hurricane ES White 3 Step Polishing System

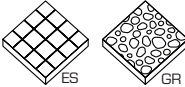


- Provides all the great features of the Cyclone version at a more competitive price
- Outperforms other industry brands at the same price point level
- More forgiving when polishing engineered stone with minimal water

Tools



Material:



Pos.	Item #	Size	Description	RPM
0	ESHWP400	4"	Velcro back, 3 mm resin	4,000
1	ESHWP401	4"	Velcro back, 3 mm resin	4,000
2	ESHWP402	4"	Velcro back, 3 mm resin	4,000
3	ESHWP403	4"	Velcro back, 3 mm resin	4,000
1	ESHWP501	5"	Velcro back, 3 mm resin	4,000
2	ESHWP502	5"	Velcro back, 3 mm resin	4,000
3	ESHWP503	5"	Velcro back, 3 mm resin	4,000

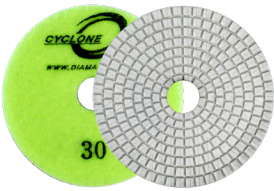


Position 0 available in 4"



ENGINEERED STONE POLISHING

Cyclone ES White 7 Step Polishing System

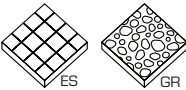


- Small tread pattern for flexibility
- Light colored resin to keep pads from bleeding into your engineered stone

Tools



Material:



Grit	Item #	Size	Description	RPM
30	ESWP40030	4"	Velcro back, 3 mm resin	4,000
60	ESWP40060	4"	Velcro back, 3 mm resin	4,000
150	ESWP40150	4"	Velcro back, 3 mm resin	4,000
400	ESWP40400	4"	Velcro back, 3 mm resin	4,000
800	ESWP40800	4"	Velcro back, 3 mm resin	4,000
1500	ESWP41500	4"	Velcro back, 3 mm resin	4,000
3000	ESWP43000	4"	Velcro back, 3 mm resin	4,000

Hurricane ES White 7 Step Polishing System

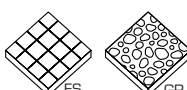


- Outperforms other industry brands at the same price point level
- For use on natural stone and engineered stone

Tools



Material:



Grit	Item #	Size	Description	RPM
30	ESHWP40030	4"	Velcro back, 3 mm resin	4,000
60	ESHWP4060	4"	Velcro back, 3 mm resin	4,000
150	ESHWP40150	4"	Velcro back, 3 mm resin	4,000
400	ESHWP40400	4"	Velcro back, 3 mm resin	4,000
800	ESHWP40800	4"	Velcro back, 3 mm resin	4,000
1500	ESHWP41500	4"	Velcro back, 3 mm resin	4,000
3000	ESHWP43000	4"	Velcro back, 3 mm resin	4,000

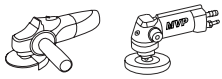


Typhoon ES White 3 Step Polishing System

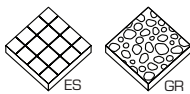


- New Clover tread design traps water for a high polish
- Pads are highly flexibility with clover tread
- Rounded pad edges eliminate any accidental scratches

Tools



Material:



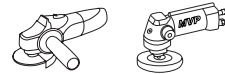
Step	Item #	Size	Description	RPM
#1	ESTWR401	4"	Velcro back, 3 mm resin	4,000
#2	ESTWR402	4"	Velcro back, 3 mm resin	4,000
#3	ESTWR403	4"	Velcro back, 3 mm resin	4,000

Typhoon ES White 7 Step Polishing System

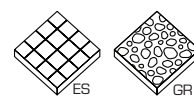


- New Clover tread design traps water for a high polish
- Pads are highly flexibility with clover tread
- Rounded pad edges eliminate any accidental scratches

Tools



Material:



Grit	Item #	Size	Description	RPM
50	EWR40050	4"	Velcro back, 3 mm resin	4,000
100	EWR40100	4"	Velcro back, 3 mm resin	4,000
200	EWR40200	4"	Velcro back, 3 mm resin	4,000
400	EWR40400	4"	Velcro back, 3 mm resin	4,000
800	EWR40800	4"	Velcro back, 3 mm resin	4,000
1500	EWR41500	4"	Velcro back, 3 mm resin	4,000
3000	EWR43000	4"	Velcro back, 3 mm resin	4,000



DRY POLISHING

KEY FEATURES

**First to introduce dry
polishing pads to North
America**

**3, 5 and 8 step systems
available**

**Dry polishing systems at all
price points**

Extremely flexible



DRY POLISHING

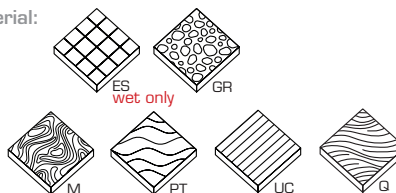


Cyclone Ultra Wet / Dry Polishing

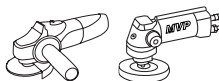
- Maximum diamond concentration content allows these pads to polish ultra compact and porcelain tile edges very efficiently
- Great flexibility for tight radius work
- Light colored resin minimizes bleeding
- Wet or dry use



Material:



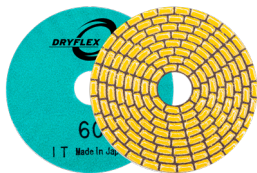
Tools



Item #	Size	Grit	Pad/Bond	Max RPM	
				Wet	Dry
PDU40050	4"	50	2 mm, Resin	4,000	3,000
PDU40100	4"	100	2 mm, Resin	4,000	3,000
PDU40200	4"	200	2 mm, Resin	4,000	3,000
PDU40400	4"	400	2 mm, Resin	4,000	3,000
PDU40800	4"	800	2 mm, Resin	4,000	3,000
PDU41500	4"	1500	2 mm, Resin	4,000	3,000
PDU43000	4"	3000	2 mm, Resin	4,000	3,000

DRY POLISHING

Dryflex Dry Polishing System

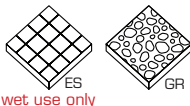


- Designed for craftsmen who really take pride in their work and tools
- 4000 & 5000 grits with a trickle of water are the best final buffs in the business
- Excellent set of pads to have at the job site for quick touch-ups
- Gains flexibility after continual use

Tools



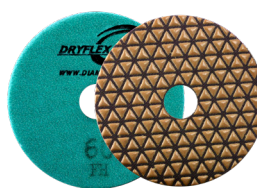
Material:



wet use only

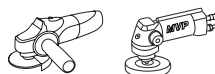
Grit	Item #	Size	Fitting	Bond	RPM
60	PDH460B	4"	Velcro back	Ceramic	3,000
100	PDH4100B	4"	Velcro back	Ceramic	3,000
200	PDH4200B	4"	Velcro back	Ceramic	3,000
400	PDH4400B	4"	Velcro back	Ceramic	3,000
800	PDH4800B	4"	Velcro back	Ceramic	3,000
1,500	PDH41500B	4"	Velcro back	Ceramic	3,000
3,000	PDH43000B	4"	Velcro back	Ceramic	3,000
4,000	PDH44000B	4"	Velcro back	Ceramic	3,000
5,000	PDH45000B	4"	Velcro back	Ceramic	3,000

Dryflex II Dry Polishing System

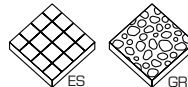


- Same professional finish as Dryflex at a more affordable cost
- 4000 & 5000 grits used with a trickle of water make for excellent final buffs
- Must have for every tool box

Tools



Material:



wet use only

Grit	Item #	Size	Fitting	Bond	RPM
60	PDH460E	4"	Velcro back	Ceramic	3,000
100	PDH4100E	4"	Velcro back	Ceramic	3,000
200	PDH4200E	4"	Velcro back	Ceramic	3,000
400	PDH4400E	4"	Velcro back	Ceramic	3,000
800	PDH4800E	4"	Velcro back	Ceramic	3,000
1,500	PDH41500E	4"	Velcro back	Ceramic	3,000
3,000	PDH43000E	4"	Velcro back	Ceramic	3,000
4,000	PDH44000E	4"	Velcro back	Ceramic	3,000
5,000	PDH45000E	4"	Velcro back	Ceramic	3,000

Dryflex 5 Polishing System

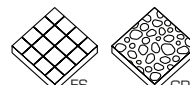


- Super high gloss finish in 5 steps or less
- Achieves highest gloss meter reading of all our dry pad systems
- Polish lighter stone materials w/ 4 steps
- Best system to polish engineered stone (ES). Test first on ES. Some ES may turn black.

Tools



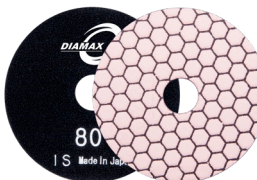
Material:



wet use only

Pos.	Item #	Size	Fitting	Max RPM
#1	PDH51	4"	Velcro back	4,000
#2	PDH52	4"	Velcro back	4,000
#3	PDH53	4"	Velcro back	4,000
#4	PDH54	4"	Velcro back	4,000
#5	PDH55	4"	Velcro back	4,000

Diaflex Dry Polishing System

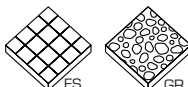


- The first dry polishing system introduced into N. America
- Still the best dry pad system in the world
- Nothing lasts longer or delivers the polish of DIAFLEX
- This system allows you to put a great polished shine on difficult stones with its unique 6000 & 8000 grits

Tools



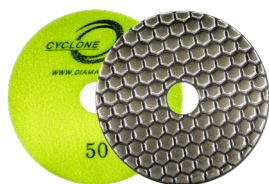
Material:



wet use only

Grit	Item #	Size	Fitting	Bond	RPM
60	PDH40060	4"	Velcro back	Ceramic	4,000
80	PDH40080	4"	Velcro back	Ceramic	4,000
200	PDH40200	4"	Velcro back	Ceramic	4,000
400	PDH40400	4"	Velcro back	Ceramic	4,000
800	PDH40800	4"	Velcro back	Ceramic	4,000
1,500	PDH41500	4"	Velcro back	Ceramic	4,000
3,000	PDH43000	4"	Velcro back	Ceramic	4,000
6,000	PDH46000	4"	Velcro back	Ceramic	4,000
8,000	PDH48000	4"	Velcro back	Ceramic	4,000

Cyclone Dry Polishing System

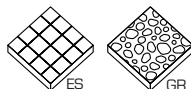


- Best selling dry polishing disk in our line
- Thinner velcro offers more flexibility for polishing complex edges
- Great for polishing engineered stone wet

Tools



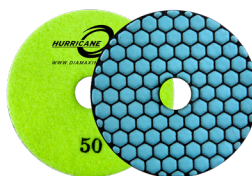
Material:



wet use only

Grit	Item #	Size	Fitting	RPM
50	CDP450	4"	Velcro back	3,000
100	CDP4100	4"	Velcro back	3,000
200	CDP4200	4"	Velcro back	3,000
400	CDP4400	4"	Velcro back	3,000
800	CDP4800	4"	Velcro back	3,000
1,500	CDP41500	4"	Velcro back	3,000
3,000	CDP43000	4"	Velcro back	3,000
Black buff	CDP4BB	4"	Velcro back	3,000
White buff	CDP4BW	4"	Velcro back	3,000

Hurricane Dry Polishing System

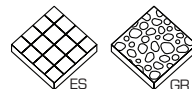


- Specially formulated adhesive keeps the pad together even under high heat
- Use dry or wet

Tools



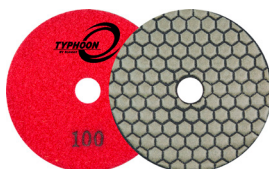
Material:



wet use only

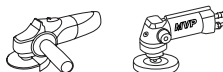
Grit	Item #	Size	Fitting	RPM
50	HDP450	4"	Velcro back	3,000
100	HDP4100	4"	Velcro back	3,000
200	HDP4200	4"	Velcro back	3,000
400	HDP4400	4"	Velcro back	3,000
800	HDP4800	4"	Velcro back	3,000
1,500	HDP41500	4"	Velcro back	3,000
3,000	HDP43000	4"	Velcro back	3,000
Black buff	HDP4BB	4"	Velcro back	3,000
White buff	HDP45000	4"	Velcro back	3,000

Typhoon Dry Polishing System

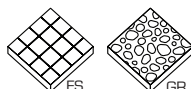


- The best dry polishing system in its class
- When cost is an issue nothing gives you more utility and shine than Typhoon

Tools



Material:



wet use only

Grit	Item #	Size	Fitting	RPM
50	TDP40050	4"	Velcro back	4,000
100	TDP40100	4"	Velcro back	4,000
200	TDP40200	4"	Velcro back	4,000
400	TDP40400	4"	Velcro back	4,000
800	TDP40800	4"	Velcro back	4,000
1,500	TDP41500	4"	Velcro back	4,000
3,000	TDP43000	4"	Velcro back	4,000



CYCLONE QZT QUARTZITE BLADE

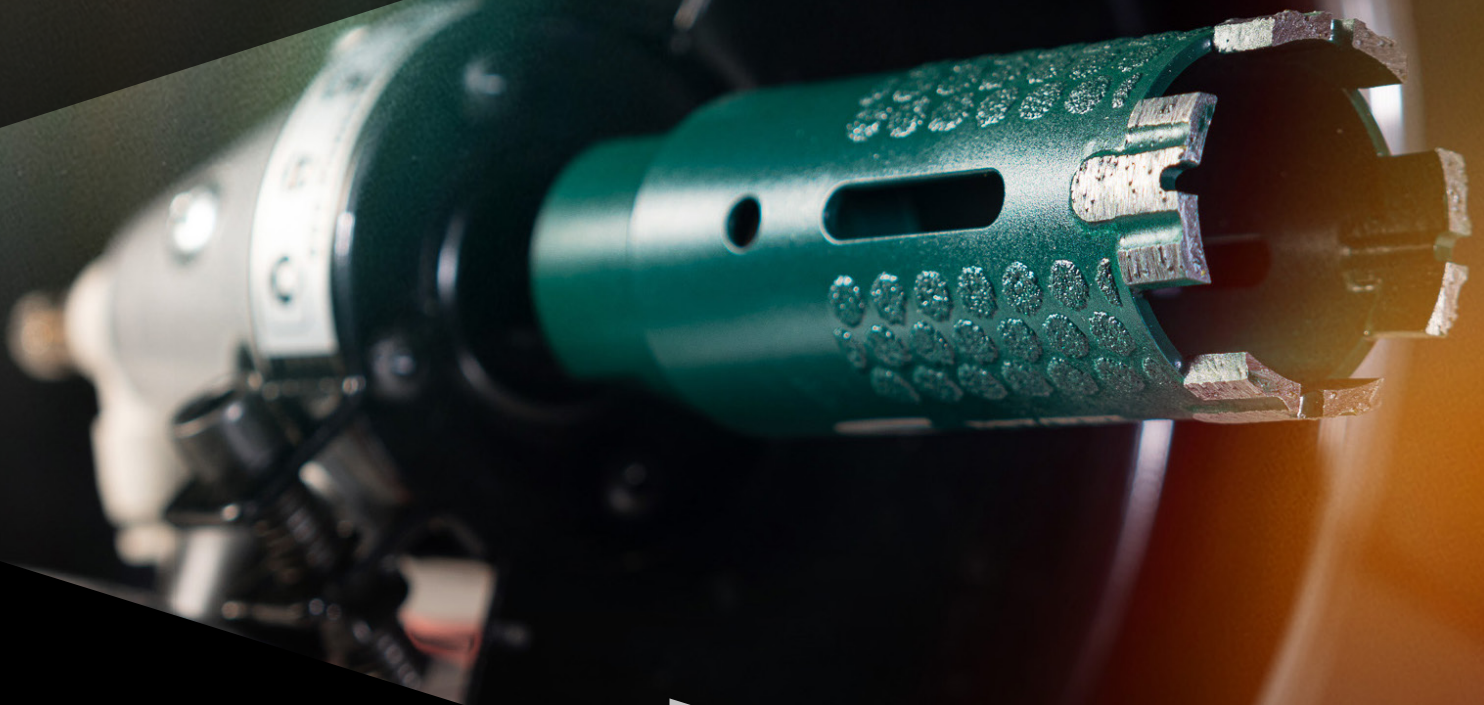


KEY FEATURES

- All new bond built for speed & reliability!
- Segment designed to keep a square edge during miter cuts.
- Best blade in the industry to reduce production bottlenecks with fast cuts and clean edges.
- Only one pass needed!



CYCLONE S **QZT CORE BIT**



KEY FEATURES

- NEW design to core through quartzite in 30 seconds!
- Larger T-segment for more durability
- Turbo rim for faster coring
- Aggressive bond for quartzites and hard granites



CORE DRILL BITS

KEY FEATURES

**Cyclone, the #1 core drill
brand in America**

**Segments can be used
through to the end**

**Our non coring bits are the
fastest around**

Made to drill wet or dry



CORE DRILL BITS

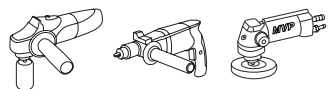


Cyclone S QZT Core Bit with Inside/Outside Protection



- Bond formulated to cut through hard quartzite fast. Also, assures a long lifespan.
- Works on granite, engineered stone and marble
- Brazed diamonds on the inside and outside core
- Inlaid T-segments
- Works wet or dry

Tools



Material:



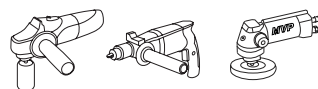
Item #	Size	Fitting	Usable Length	Max RPM
CDBGZ114	1 1/4"	5/8"- 11 thread	3"	6,500
CDBGZ138	1 3/8"	5/8"- 11 thread	3"	6,500
CDBGZ112	1 1/2"	5/8"- 11 thread	3"	6,500

Cyclone Dry Core Bit with Inside/Outside Protection

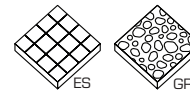


- Inside vacuum brazed diamonds assist with smooth drilling and easy core removal
- Comes with outside vacuum brazed side protection
- Perfect for use in the field when water is not an option. Can be used dry or wet.
- Use water to prolong segment life
- 5/8" - 11 female thread

Tools



Material:



Item #	Size	Usable Length	RPM Hand Grinder	RPM Drill Press, CNC
			Stone hard / soft	Stone hard / soft
CDBYSD100	1"	3"	3,200 / 6,500	2,000 / 3,200
CDBYSD114	1 1/4"	3"	4,800 / 6,500	2,000 / 3,200
CDBYSD138	1 3/8"	3"	4,800 / 6,500	2,000 / 3,200
CDBYSD112	1 1/2"	3"	4,800 / 6,500	2,000 / 3,200
CDBYSD158	1 5/8"	3"	4,800 / 6,500	2,000 / 3,200
CDBYSD134	1 3/4"	3"	4,500 / 5,300	2,200 / 2,700
CDBYSD200	2"	3"	4,500 / 5,300	2,200 / 2,700

Cyclone Ultra Core Bit



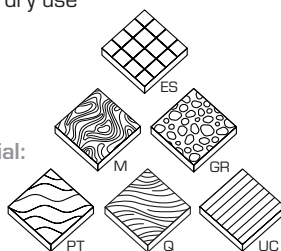
NEW SIZES

- Specific metal bond and diamond composition provides a fast clean hole in porcelain and ultra compact material
- Thin tapered segments give clean cuts
- Wet or dry use

Tools:



Material:



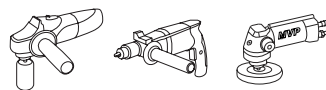
Item #	Size	Fitting	Usable Length	Max RPM
CUDB100	1"	5/8" - 11	2.25"	5,000
CUDB114	1 1/4"	5/8" - 11	2.25"	5,000
CUDB138	1 3/8"	5/8" - 11	2.25"	5,000
CUDB112	1 1/2"	5/8" - 11	2.25"	5,000
CUDB134	1 3/4"	5/8" - 11	2.25"	5,000
CUDB200	2"	5/8" - 11	2.25"	5,000
CUDB214	2 1/4"	5/8" - 11	2.25"	5,000
CUDB212	2 1/2"	5/8" - 11	2.25"	5,000
CUDB300	3"	5/8" - 11	2.25"	5,000

Cyclone Turbo Dry Core Bit with Side Diamonds

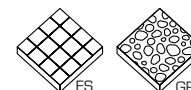


- Aggressive turbo rim designed for increased speed
- T-segment design minimizes segment loss
- Hefty vacuum brazed side protection
- For wet or dry use
- 5/8" - 11 female thread

Tools



Material:



Item #	Size	Usable Length	RPM Hand Grinder	RPM Drill Press, CNC
			Stone hard / soft	Stone hard / soft
CDBYTU114	1 1/4"	3"	4,800 / 6,500	2,000 / 3,200
CDBYTU138	1 3/8"	3"	4,800 / 6,500	2,000 / 3,200

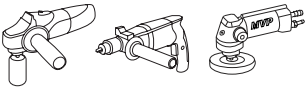
CORE DRILL BITS

Cyclone S Thin Wall Core Bit

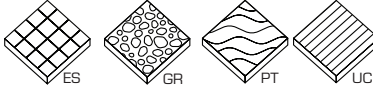


- Designed for long lifespan, fast coring speeds and clean cuts
- Wet use only

Tools:



Material:



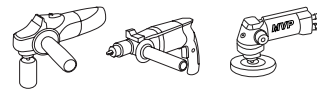
Item #	Size	Fitting	Usable Length	Max RPM
CDBCTW114	1 1/4"	5/8"- 11 thread	2 1/2"	1,250
CDBCTW138	1 3/8"	5/8"- 11 thread	2 1/2"	1,250
CDBCTW112	1 1/2"	5/8"- 11 thread	2 1/2"	1,250

Cyclone Vacuum Brazed Core Bit



- Cores through the softest marble clean & chip free
- Vacuum brazed diamonds on inside and outside of core
- Cooling slots allows for easier core removal when stuck
- Performs wet or dry

Tools:



Material:



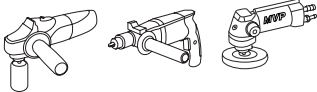
Item #	Size	Fitting	Usable Length	Max RPM
CDBM114	1 1/4"	5/8"- 11 thread	2.75"	4,000
CDBM138	1 3/8"	5/8"- 11 thread	2.75"	4,000
CDBM112	1 1/2"	5/8"- 11 thread	2.75"	4,000

Cyclone Ultra Non Core Bit

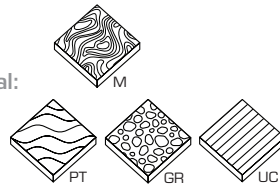


- Designed with a special bond for large format porcelain and ultra compact material
- Wet or dry use

Tools:



Material:



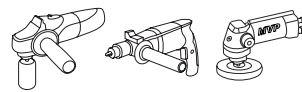
Item #	Size	Bond	Fitting	Usable Length	Max RPM
CUDB014	1/4"	Medium	5/8"- 11	2"	5,000
CUDB516	5/16"	Medium	5/8"- 11	2"	5,000
CUDB038	3/8"	Medium	5/8"- 11	2.75"	5,000
CUDB012	1/2"	Medium	5/8"- 11	2.75"	5,000
CUDB058	5/8"	Medium	5/8"- 11	2.75"	5,000
CUDB034	3/4"	Medium	5/8"- 11	2.75"	5,000

Cyclone Dry Non-Coring Bit



- New dry segment matrix allows these non-core drill bits to perform under high heat conditions
- For best performance use at 6,500 RPM with center-fed water
- Use dry or wet

Tools:



Material:



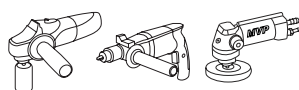
Item #	Size	Fitting	Usable Length	RPM
CDBYNC316	3/16"	5/8"- 11 thread	2"	6,500
CDBYNC516	5/16"	5/8"- 11 thread	2"	6,500
CDBYNC14	1/4"	5/8"- 11 thread	2"	6,500
CDBYNC38	3/8"	5/8"- 11 thread	2.75"	6,500
CDBY12	1/2"	5/8"- 11 thread	2.75"	6,500
CDBY58	5/8"	5/8"- 11 thread	2.75"	6,500
CDBY34	3/4"	5/8"- 11 thread	2.75"	6,500

Cyclone Dry/Wet Core Bit



- Our fastest core bit will drill most granite in under 30 seconds with water
- Largest inventory available from 1" to 6"
- A better alternative to thin wall core bits
- Vacuum-brazed side-protection
- Use dry or wet

Tools



Material:



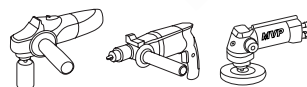
Item #	Size	Fitting	Usable Length	RPM
CDBS100	1"	5/8" - 11 thread	3"	6,500
CDBS118	1 1/8"	5/8" - 11 thread	3"	6,500
CDBS114	1 1/4"	5/8" - 11 thread	3"	6,500
CDBS138	1 3/8"	5/8" - 11 thread	3"	6,500
CDBS112	1 1/2"	5/8" - 11 thread	3"	6,500
CDBS158	1 5/8"	5/8" - 11 thread	3"	5,300
CDBS134	1 3/4"	5/8" - 11 thread	3"	5,300
CDBS200	2"	5/8" - 11 thread	3"	4,200
CDBS214	2 1/4"	5/8" - 11 thread	3"	4,200
CDBS238	2 3/8"	5/8" - 11 thread	3"	4,200
CDBS212	2 1/2"	5/8" - 11 thread	3"	3,600
CDBS234	2 3/4"	5/8" - 11 thread	3"	3,600
CDBS300	3"	5/8" - 11 thread	3"	3,000
CDBS312	3 1/2"	5/8" - 11 thread	3"	2,700
CDBS400	4"	5/8" - 11 thread	3"	2,100
CDBS412	4 1/2"	5/8" - 11 thread	3"	2,000
CDBS500	5"	5/8" - 11 thread	3"	1,800
CDBS600	6"	5/8" - 11 thread	3"	1,400

Hurricane Dry Core Bit

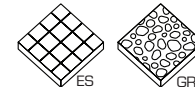


- High performing dry core drill bit in an economy package
- New design with outside vacuum brazed side protection and mini-T segment for better durability

Tools



Material:



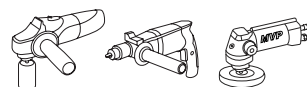
Item #	Size	Fitting	Usable Length	Max RPM
CDBYHD114	1 1/4"	5/8" - 11 thread	3"	6,500
CDBYHD138	1 3/8"	5/8" - 11 thread	3"	6,500
CDBYHD112	1 1/2"	5/8" - 11 thread	3"	6,500

Typhoon Dry Core Bit



- Thin wall cylinder makes this core bit fast & economical
- Comes with vacuum brazed diamonds on the outside core
- Special grit formulation for dense material
- Turbo rim cuts the hardest materials

Tools



Material:



Item #	Size	Fitting	Usable Length	Max RPM
CDBTD114	1 1/4"	5/8" - 11 thread	3"	6,500
CDBTD138	1 3/8"	5/8" - 11 thread	3"	6,500
CDBTD112	1 1/2"	5/8" - 11 thread	3"	6,500

Suggested RPM for Segmented/Sintered Core Bits:

Size	RPM Hand Grinder	RPM Drill Press, CNC	Size	RPM Hand Grinder	RPM Drill Press, CNC	Size	RPM Hand Grinder	RPM Drill Press, CNC
	Stone hard / soft	Stone hard / soft		Stone hard / soft	Stone hard / soft		Stone hard / soft	Stone hard / soft
3/16"	3,200 - 6,500	2,000 - 2,500	1 1/4"	4,800 - 6,500	2,000 - 3,200	2 3/4"	3,000 - 3,600	1,600 - 1,800
1/4"	3,200 - 6,500	2,000 - 2,500	1 3/8"	4,800 - 6,500	2,000 - 3,200	3"	2,700 - 3,000	1,400 - 1,600
5/16"	3,200 - 6,500	2,000 - 2,500	1 1/2"	4,800 - 6,500	2,000 - 3,200	3 1/2"	2,400 - 2,700	1,200 - 1,400
3/8"	3,200 - 6,500	2,000 - 2,500	1 5/8"	4,800 - 6,500	2,000 - 3,200	4"	2,100 - 2,400	1,100 - 1,200
1/2"	3,200 - 6,500	2,000 - 2,500	1 3/4"	4,500 - 5,300	2,200 - 2,700	4 1/2"	1,800 - 2,000	900 - 1,000
5/8"	3,200 - 6,500	2,000 - 2,500	2"	4,500 - 5,300	2,200 - 2,700	5"	1,700 - 1,800	800 - 900
3/4"	3,200 - 6,500	2,000 - 3,200	2 1/4"	3,700 - 4,200	1,800 - 2,100	6"	1,300 - 1,400	700
1"	3,200 - 6,500	2,000 - 3,200	2 3/8"	3,700 - 4,200	1,800 - 2,100			
1 1/8"	4,800 - 6,500	2,000 - 3,200	2 1/2"	3,700 - 4,200	1,800 - 2,100			

Not applicable for vacuum brazed core bits (CDBM)

CYCLONE *PNEUMATIC* **AIR GRINDER**

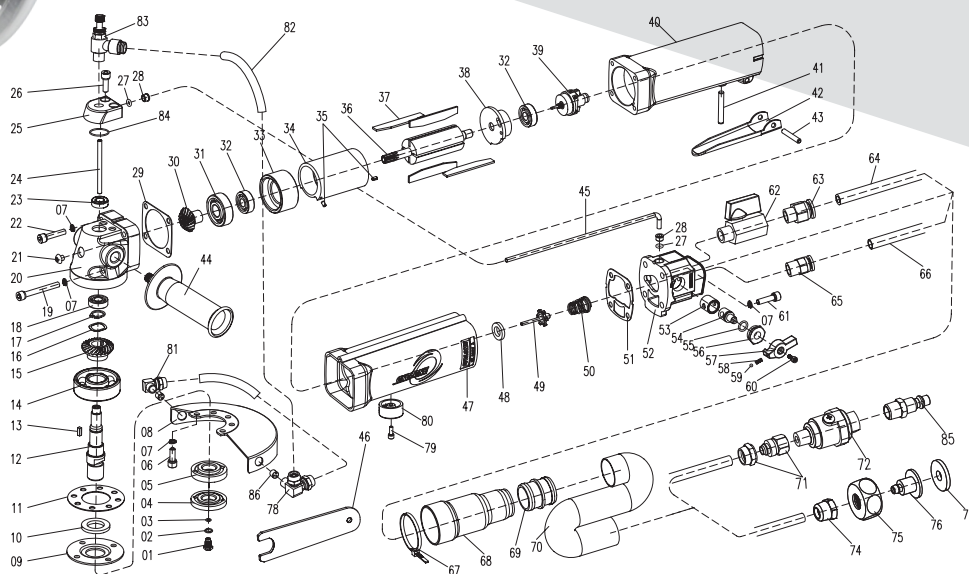
KEY FEATURES

- 6" guard with an integrated water feed for cutting with shut off valve
- Internal water feed for coring and grinding
- Easy to use push connect air and water connections
- Automatic oil injection system
- 60 day warranty
- 10,000 rpms



CYCLONE PNEUMATIC AIR GRINDER

Item #	RPMs
MVG60	10,000



Parts #	Description	Qty
MVGAC01	Nozzle	1
MVGAC02	O-Ring [01.5x7]	1
MVGAC03	O-Ring [02x3]	1
MVGAC04	The outer plate	1
MVGAC05	The inner plate	1
MVGAC06	Screw [M5X12]	4
MVGAC07	Washer	12
MVGAC08	Disc Cover	1
MVGAC09	Retainer	1
MVGAC10	Felt Seal	1
MVGAC11	Gasket	1
MVGAC12	Gear shaft [5/8-11]	1
MVGAC13	Key	1
MVGAC14	Bearing	1
MVGAC15	Bevel gear [23T]	1
MVGAC16	Wave washer [012]	1
MVGAC17	Snap ring [012]	1
MVGAC18	Bearing	1
MVGAC19	Screw [M5X50]	2
MVGAC20	Angle head	1
MVGAC21	Screw [M6x5]	1
MVGAC22	Screw [M5x25]	2
MVGAC23	Oil seal [TC8X15X5]	1

Parts #	Description	Qty
MVGAC24	Inner pipe	1
MVGAC25	Pipe-joint assembly	1
MVGAC26	Screw [M5X16]	2
MVGAC27	O-Ring [01.9X3.4]	2
MVGAC28	Pipe bush	2
MVGAC29	Gasket	1
MVGAC30	Spiral bevel pinion [16T]	1
MVGAC31	Bearing	1
MVGAC32	Bearing	2
MVGAC33	Front breaing case	1
MVGAC34	Cylinder	1
MVGAC35	Spring pin [0.25X5]	2
MVGAC36	Rotor	1
MVGAC37	Vane	4
MVGAC38	Rear bearing case	1
MVGAC39	Governor	1
MVGAC40	Motor housing	1
MVGAC41	Valve pin [05x35]	1
MVGAC42	Throttle lever	1
MVGAC43	Roll pin [04X22]	1
MVGAC44	Grip	1
MVGAC45	Water pipe	1

Parts #	Description	Qty
MVGAC46	Wrench	1
MVGAC47	Body cover	1
MVGAC48	Valve seat	1
MVGAC49	Valve	1
MVGAC50	Valve spring	1
MVGAC51	Gasket	1
MVGAC52	End case	1
MVGAC53	Valve bush	1
MVGAC54	Water valve	1
MVGAC55	O-Ring [01.5X8]	1
MVGAC56	Nut	1
MVGAC57	Valve lever	1
MVGAC58	Spring	1
MVGAC59	Ball bearing [03]	1
MVGAC60	Screw [M3x8]	1
MVGAC61	Screw [M5x20]	4
MVGAC62	Ball valve	1
MVGAC63	Hose joint [PC12-02]	1
MVGAC64	Air pipe	1
MVGAC65	Hose joint [PC8-01]	1
MVGAC66	Water hose	1
MVGAC67	Clamp	1
MVGAC68	Exhaust cover	1

Parts #	Description	Qty
MVGAC69	Connector	1
MVGAC70	Exhaust hose	1
MVGAC71	Fast twist joint [PCF12-02]	1
MVGAC72	Oil spray	1
MVGAC73	Nut	1
MVGAC74	Nut	1
MVGAC75	Connector	1
MVGAC76	Bushing	1
MVGAC77	Tee joint	1
MVGAC78	Screw [M4x12]	1
MVGAC79	Exhaust knob	1
MVGAC80	Joint KLL8-01	1
MVGAC81	Water hose	2
MVGAC82	Throttle valve	1
MVGAC83	O-Ring [01.0x14]	1
MVGAC84	Quick coupling	1
MVGAC85	Plug	2
MVGAC86	O-Ring [01.0x14]	1
MVGAC87	Quick coupling	1
MVGAC88	Plug	2



CYCLONE MVP *PNEUMATIC* **AIR POLISHER**

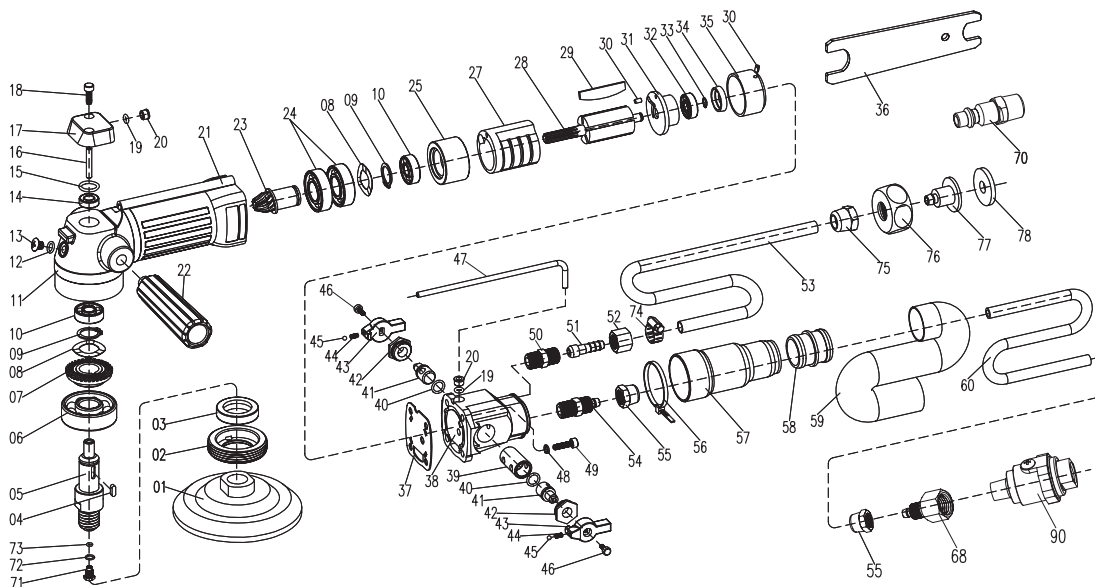
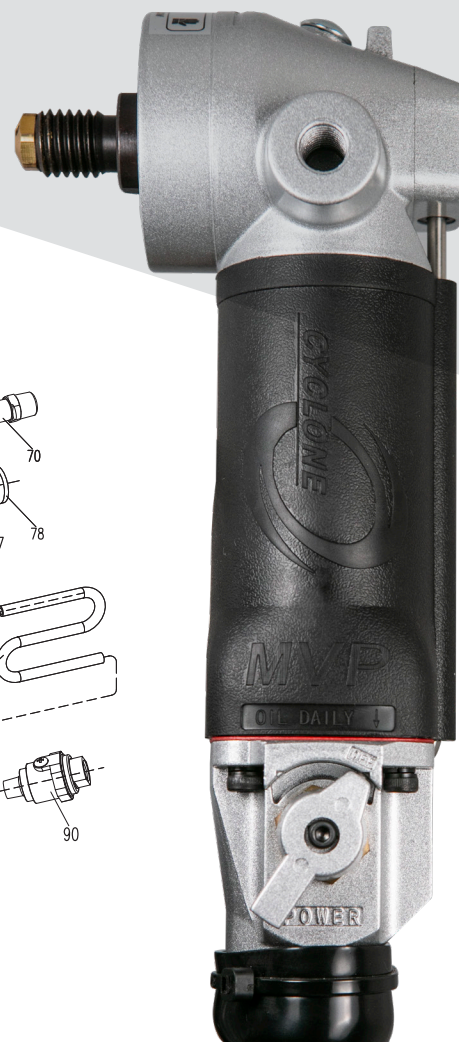
KEY FEATURES

- First air polisher to be completely assembled by hand
- Automatic oil injection system
- Will not lose power even when pushing hard on the stone
- Recommended RPM 4,500, Max RPM 5,500
- 60 day warranty from date of purchase



CYCLONE MVP PNEUMATIC AIR POLISHER

Item #	Max RPM
MVP45	4,500 - 5,500



Item #	Description	Qty	Item #	Description	Qty	Item #	Description	Qty	Item #	Description	Qty
MVPACC01	Backing plate	1	MVPACC19	O-ring	2	MVPACC38	End case	1	MVPACC56	Clamp	1
MVPACC02	Tighten nut	1	MVPACC20	Pipe bush	2	MVPACC39	Valve bush	1	MVPACC57	Exhaust cover	1
MVPACC03	Oil seal	1	MVPACC21	Body cover	1	MVPACC40	O-Ring	2	MVPACC58	Connector	1
MVPACC04	Key	1	MVPACC22	Grip	1	MVPACC41	Air valve	2	MVPACC59	Exhaust hose	1
MVPACC05	Gear shaft	1	MVPACC23	Spiral bevel pinion	1	MVPACC42	Nut	2	MVPACC60	Air pipe	2.5
MVPACC06	Bearing	1	MVPACC24	Bearing	2	MVPACC43	Valve lever	2	MVPACC68	Air inlet connector Nut	1
MVPACC07	Bevel gear	1	MVPACC25	Front bearing case	1	MVPACC44	Spring	2	MVPACC70	Quick coupling	1
MVPACC08	Wave washer	2	MVPACC27	Cylinder	1	MVPACC45	Ball bearing	2	MVPACC71	Nozzle	1
MVPACC09	Snap ring	2	MVPACC28	Rotor	1	MVPACC46	Screw [M3x8]	2	MVPACC72	O-Ring	1
MVPACC10	Bearing	2	MVPACC29	Vane	5	MVPACC47	Water pipe	1	MVPACC73	O-Ring	1
MVPACC11	Motor housing	1	MVPACC30	Spring pin	2	MVPACC48	Washer	4	MVPACC74	Pipe hoop	1
MVPACC12	O-ring	2	MVPACC31	Rear bearing case	1	MVPACC49	Screw [M4x16]	4	MVPACC75	Nut	1
MVPACC13	Screw [M6x5]	2	MVPACC32	Bearing	1	MVPACC50	Water hose joint	1	MVPACC76	Nut	1
MVPACC14	Oil seal	1	MVPACC33	Retaining ring	1	MVPACC51	Water hose nipple	1	MVPACC77	Connector	1
MVPACC15	O-Ring	1	MVPACC34	Bearing cap	1	MVPACC52	Nut	1	MVPACC78	Bushing	1
MVPACC16	Inner pipe	1	MVPACC35	Air inlet case	1	MVPACC53	Water hose	1	MVPACC90	Oil Spray	1
MVPACC17	Pipe-joint assembly	1	MVPACC36	Wrench	1	MVPACC54	Air-hose joint	1			
MVPACC18	Screw [M4x12]	2	MVPACC37	Body packing	1	MVPACC55	Nut	2			

GRINDERS/ SHAPERS

KEY FEATURES

Perfect balance and zero vibration comes standard

All router shapes in stock for immediate delivery

Zero tolerance wheels available with or without resin



Super Cyclone Multi Cutter



Tools



- Versatile shaping blade for trimming and grinding porcelain and softer, fragile materials
- Makes fast, clean and aggressive cuts like a sharp blade
- Safer grinding alternative to regular sintered tile blades
- Will not break under pressure
- Flush mount adapter included
- Cuts clean miters

Material:



Item #	Size	Grit	Fitting	Max RPM
EMC50	5"	Medium 50/60	5/8" - 11 thread	15,000

Cyclone S Resin Cup Wheel



Tools



- 30/50 grit are aggressive enough for rapid stock removal with minimal effort
- 100/200 grit work great for clean up on seams or miters. They also perform very well on ultra compact materials.
- These wheels have the look and feel of a pad but have the performance and durability of a cup wheel
- Aluminum body makes this cup wheel light
- Use wet or dry

Material:



Item #	Size	Grit	Aluminum Backer	Bond	Wet Max RPM	Dry Max RPM
PDCS4030	4"	30	5/8" - 11	Hard	7,000	4,000 - 5,000
PDCS4050	4"	50	5/8" - 11	Hard	7,000	4,000 - 5,000
PDCS4100	4"	100	5/8" - 11	Hard	7,000	4,000 - 5,000
PDCS4200	4"	200	5/8" - 11	Hard	7,000	4,000 - 5,000

Cyclone S Rock Buster

NEW

- Gets rid of silicon carbide
- NEW radius edge designed to replicate the most common shape
- Aluminum body makes this cup wheel lightweight
- 30/50 grit are aggressive enough for rapid stock removal with minimal effort
- 100/200 grit work great for clean up on seams or miters and perform very well on ultra-compact materials

Tools



Material:



Item #	Size	Grit	Fitting Body	RPM
PDRX4030	4"	30	5/8" - 11 thread, aluminum	5,000
PDRX4050	4"	50	5/8" - 11 thread, aluminum	5,000
PDRX4100	4"	100	5/8" - 11 thread, aluminum	5,000
PDRX4200	4"	200	5/8" - 11 thread, aluminum	5,000

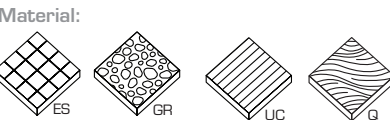
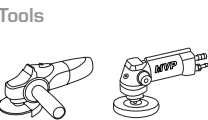


GRINDERS/SHAPERS

Cyclone Hex Flat Resin Cup Wheel



- Resin surface gives a smooth feel when grinding
- More aggressive than the Cyclone Flat Resin Cup Wheel
- Flat 90° surface allows for corner shaping and grinding
- Aluminum body makes this cup wheel light
- Wet or dry use

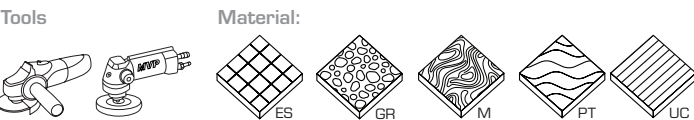


Item #	Size	Grit	Fitting	Max RPM
CFRCW40	4"	Coarse 30	5/8"- 11 thread	3,500 - 4000
CFRCW4M	4"	Medium 50/60	5/8"- 11 thread	3,500 - 4000
CFRCW4F	4"	Fine 80/100	5/8"- 11 thread	3,500 - 4000

Cyclone Ultra Cup Wheel



- Fine diamond grit allows a chip-free grind on porcelain, marble and troublesome granite
- Fiber backing absorbs vibration to reduce chipping
- Great for prepping seam joints, miter clean up or a beveled edge profile
- Light weight design allows for usage on pneumatic polishers
- Can be run wet or dry

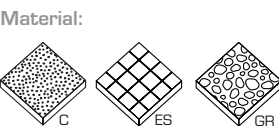


Item #	Size	Grit	Fitting	Max RPM
CUFCN4C	4"	Coarse 30/40	5/8"- 11	3,200 - 6,500
CUFCN4M	4"	Medium 50/60	5/8"- 11	3,200 - 6,500
CUFNC4F	4"	Fine 80/100	5/8"- 11	3,200 - 6,500

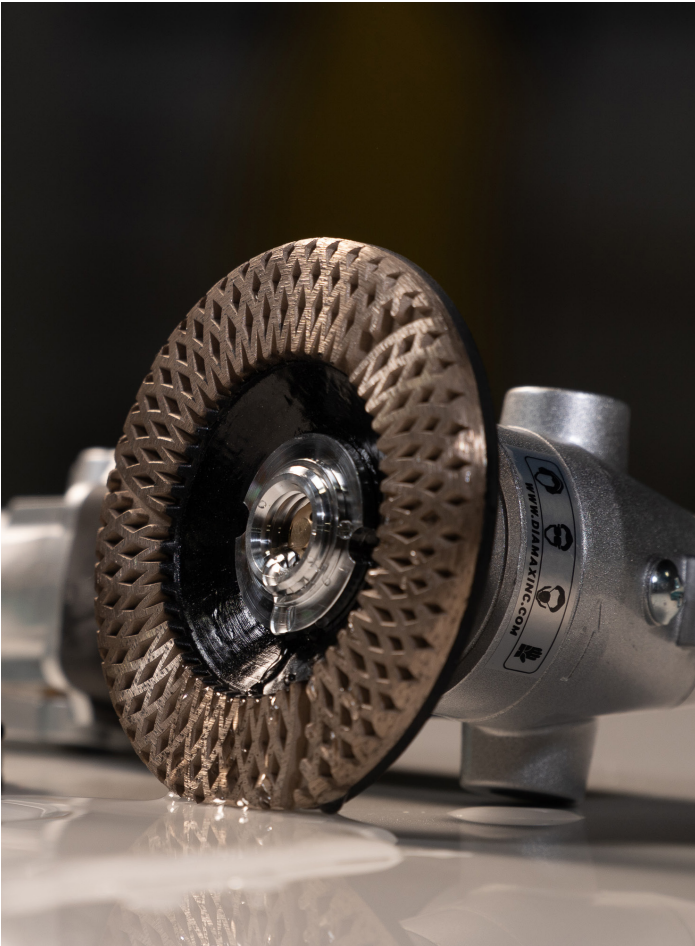
Cyclone Flat Resin Cup Wheel



- Updated coarse grit is more aggressive
- Longest lasting cup wheel available
- Designed to be used dry or wet
- Safer than silicone carbide wheels
- Beveled edge helps grind over curved edges with ease
- Wet or dry use



Item #	Size	Grit	Fitting	Max RPM
CWFRN4C	4"	Coarse 30	5/8"- 11 thread	11,000
CWFRN4M	4"	Medium 50	5/8"- 11 thread	11,000
CWFRN4F	4"	Fine 100	5/8"- 11 thread	11,000
CWFR50	5"	Coarse 30	5/8"- 11 thread	7,500
CWFR5M	5"	Medium 50	5/8"- 11 thread	7,500
CWFR5F	5"	Fine 100	5/8"- 11 thread	7,500



Cyclone Turbo Cup Wheel

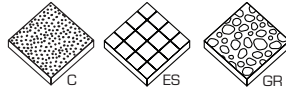


- Balanced to eliminate vibration and chipping when shaping
- Aggressive design with thick turbo segments and diamond content

Tools



Material:



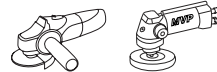
Item #	Size	Grit	Fitting	Max RPM
CW40	4"	Coarse 30	5/8"- 11 thread	8,000
CW40M	4"	Medium 50	5/8"- 11 thread	8,000
CW40F	4"	Fine 100	5/8"- 11 thread	8,000
CW50	5"	Coarse 30	5/8"- 11 thread	7,500
CW60	6"	Coarse 30	5/8"- 11 thread	6,000
CW70	7"	Coarse 30	5/8"- 11 thread	5,500

Hurricane Cup Wheel



- Balanced to eliminate vibration and chipping when shaping
- Aggressive design with thick turbo segments and diamond content

Tools



Material:



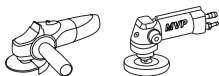
Item #	Size	Grit	Fitting	Max RPM
HCW4C	4"	Coarse 30	5/8"- 11 thread	8,000
HCW4M	4"	Medium 50	5/8"- 11 thread	8,000
HCW4F	4"	Fine 100	5/8"- 11 thread	8,000

Cyclone V1 Cutter/Grinder

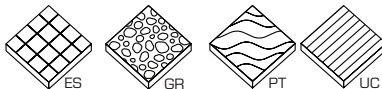


- Vacuum brazed, extremely aggressive & versatile tool for edge shaping
- Cuts like a blade and shapes like a cup wheel easily with a few passes
- Not meant for flat surface grinding

Tools



Material:



Item #	Size	Grit	Fitting	Max RPM
BGC430	4"	Coarse 30	5/8"- 11 thread	8,000
BGC450	4"	Medium 50	5/8"- 11 thread	8,000
BGC530	5"	Coarse 30	5/8"- 11 thread	7,500
BGC550	5"	Medium 50	5/8"- 11 thread	7,500

Cyclone V2 Grinder

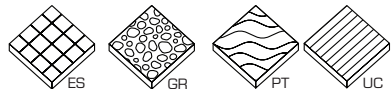


- Vacuum brazed and extremely aggressive for flat edge prep before wet polishing
- Can be used in substitution to silica carbide wheels wet or dry
- Minimizes dust in shops
- Light-weight and easy to use

Tools



Material:



Item #	Size	Grit	Fitting	Max RPM
BVG430	4"	Coarse 30	Velcro back	1,500
BVG450	4"	Medium 50	Velcro back	1,500
BVG4100	4"	Fine 100	Velcro back	1,500

GRINDERS/SHAPERS

Cyclone Zero Tolerance Wheel

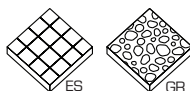


- The most reliable tool for truing vanity sink cut-outs
- Available with resin to reduce vibration or segmented for aggressive stock removal
- Balanced to eliminate vibration
- Oscillate wheel up/down for even wear

Tools



Material:



Item #	Size	Grit	Describe	Fitting	Max RPM
SRWC1158	1"	Coarse 40	Resin	5/8"- 11	8,000
SRWC1NR	1"	Coarse 40	No resin	5/8"- 11	8,000
SRWC2158	2"	Coarse 40	Resin	5/8"- 11	8,000
SRWC2NR	2"	Coarse 40	No resin	5/8"- 11	8,000
SRWC3158	3"	Coarse 40	Resin	5/8"- 11	8,000
SRWC3NR	3"	Coarse 40	No resin	5/8"- 11	8,000

Cyclone Stock Removal Wheel

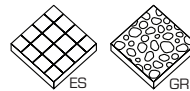


- Available in 36, 60 and 120 grit
- Removes radius stock chip-free
- Zero vibration
- Recommended use: Oscillate wheel up and down to wear evenly and avoid grooves

Tools



Material:



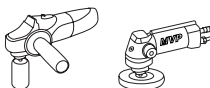
Item #	Size	Grit	Fitting	Max RPM
SRW236	2"	Coarse 36	5/8"- 11 thread	4,000
SRW260	2"	Medium 60	5/8"- 11 thread	4,000
SRW2120	2"	Fine 120	5/8"- 11 thread	4,000
SRW3036	3"	Course 36	5/8"- 11 thread	4,000

Cyclone Brazed Stock Removal Wheel

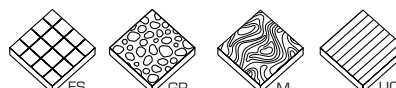


- Fastest way to shape a radius on the outside edge or remove material from a sink cut out
- Vacuum brazed, wet or dry use
- Available in 3 grits: 30, 60 & 100
- Comes with center water feed

Tools



Material:



Item #	Size	Grit	Fitting	Max RPM
SRVB230	2"x 2"	Coarse 30	5/8"- 11 thread	4,000
SRVB260	2"x 2"	Medium 60	5/8"- 11 thread	4,000
SRVB2100	2"x 2"	Fine 100	5/8"- 11 thread	4,000
SRVB2038	2"x 3/8"	Coarse 30	5/8"- 11 thread	4,000
SRVB2034	2"x 3/4"	Coarse 30	5/8"- 11 thread	4,000



SRWC3NR



SRWC1158



SRWC1NR



SRVB2034



SRVB2038

Cyclone Router Bit Series

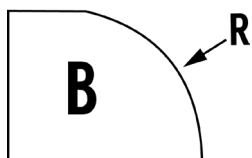
Tools



Material:



Cyclone Demi Bull Router Bit



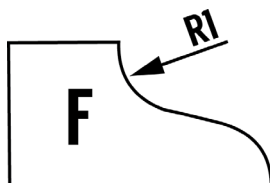
Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RDBC20	20 mm	B	#1	75	R = 20	BCDEOG
RDBM20	20 mm	B	#2	75	R = 20	BCDEOG
RDBF20	20 mm	B	#3	75	R = 20	BCDEOG
RDBC30	30 mm	B	#1	95	R = 30	BCDEOG
RDBM30	30 mm	B	#2	95	R = 30	BCDEOG
RDBF30	30 mm	B	#3	95	R = 30	BCDEOG

Cyclone Full Bull Router Bit



Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RFBC20	20 mm	V	#1	65	R = 10	BCFBUL
RFBM20	20 mm	V	#2	65	R = 10	BCFBUL
RFBC30	30 mm	V	#1	70	R = 15	BCFBUL
RFBM30	30 mm	V	#2	70	R = 15	BCFBUL
RFBC40	40 mm	V	#1	75	R = 20	BCFB40
RFBM40	40 mm	V	#2	75	R = 20	BCFB40

Cyclone Ogee Router Bit



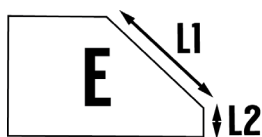
Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
ROGC20	20 mm	F	#1	75	R = 20	BCDEOG
ROGM20	20 mm	F	#2	75	R = 20	BCDEOG
ROGC25	25 mm	F	#1	85	R = 25	BCDEOG
ROGM25	25 mm	F	#2	85	R = 25	BCDEOG
ROGC30	30 mm	F	#1	95	R = 30	BCDEOG
ROGM30	30 mm	F	#2	95	R = 30	BCDEOG

Cyclone Breaker Bit



- For use on 2 cm - 4 cm material
- Ultra-aggressive segmented diamond "breaks" the edge of the hardest granite to extend the life of your sintered profiles
- Max RPM 6,000

Cyclone Bevel Router Bit

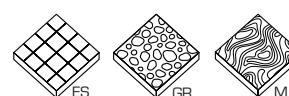


Item	Size	Shape	Pos.	Outer Diameter	Length	Bearing #
RBVZ20	20 mm	E	0	65	L1 = 20, L2 = 5	BCDEOG
RBVC20	20 mm	E	1	65	L1 = 20, L2 = 5	BCDEOG
RBVC25	25 mm	E	1	75	L1 = 30, L2 = 5	BCDEOG

Tools



Material:



Item #	Size	Description	Bearing
RDBB	30 mm - 50 mm	Double bevel breaker bit	BCDEOG

GRINDERS/SHAPERS

Hurricane Router Bit Series

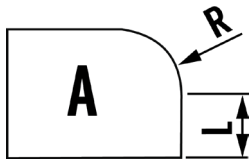
Tools



Material:

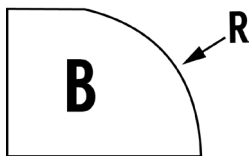


Hurricane Half Bull Router



Item #	Size	Shape	Pos.	Outer Diameter	Radius/Length	Bearing #
RHHB20Z	20 mm	A	0	65	R = 10, L = 10	BHHALF
RHHB20C	20 mm	A	1	65	R = 10, L = 10	BHHALF
RHHB30Z	30 mm	A	0	75	R = 15, L = 15	BHHALF
RHHB30C	30 mm	A	1	75	R = 15, L = 15	BHHALF
RHHB30M	30 mm	A	2	75	R = 15, L = 15	BHHALF
RHHB30F	30 mm	A	3	75	R = 15, L = 15	BHHALF

Hurricane Demi Bull Router



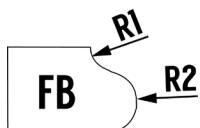
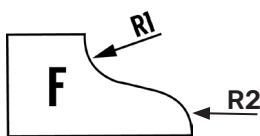
Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RHDB20Z	20 mm	B	0	85	R = 20	BHDEOG
RHDB20C	20 mm	B	1	85	R = 20	BHDEOG
RHDB20M	20 mm	B	2	85	R = 20	BHDEOG
RHDB20F	20 mm	B	3	85	R = 20	BHDEOG
RHDB30Z	30 mm	B	0	105	R = 30	BHDEOG
RHDB30C	30 mm	B	1	105	R = 30	BHDEOG
RHDB30F	30 mm	B	3	105	R = 30	BHDEOG

Hurricane Bevel Router



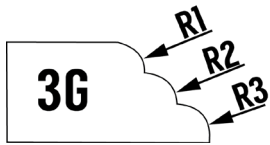
Item #	Size	Shape	Pos.	Outer Diameter	Length	Bearing #
RHBV20Z	20 mm	E	0	75	L = 28, L2 = 1	BHDEOG
RHBV20C	20 mm	E	1	75	L = 28, L2 = 1	BHDEOG
RHBV25C	25 mm	E	1	85	L = 35, L2 = 2	BHDEOG
RHBV30Z	30 mm	E	0	90	L = 40, L2 = 3	BHDEOG
RHBV30M	30 mm	E	2	90	L = 40, L2 = 3	BHDEOG

Hurricane Ogee Router



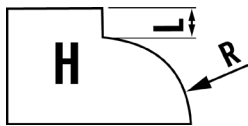
Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RHOG20Z	20 mm	F	0	80	R1 = R2 = 10	BHDEOG
RHOG20C	20 mm	F	1	80	R1 = R2 = 10	BHDEOG
RHOG20M	20 mm	F	2	80	R1 = R2 = 10	BHDEOG
RHOG20F	20 mm	F	3	80	R1 = R2 = 10	BHDEOG
RHOG25Z	25 mm	F	0	90	R1 = R2 = 12.5	BHDEOG
RHOG25C	25 mm	F	1	90	R1 = R2 = 12.5	BHDEOG
RHOG25M	25 mm	F	2	90	R1 = R2 = 12.5	BHDEOG
RHOG30Z	30 mm	F	0	90	R1 = R2 = 16.5	BHDEOG
RHOG30C	30 mm	F	1	90	R1 = R2 = 16.5	BHDEOG
RHOG30M	30 mm	F	2	90	R1 = R2 = 16.5	BHDEOG
RHOG30F	30 mm	F	3	90	R1 = R2 = 16.5	BHDEOG
RHOB40C	40 mm	FB	1	90	R1 = 12, R2 = 16	BHFBUL

Hurricane Waterfall Router



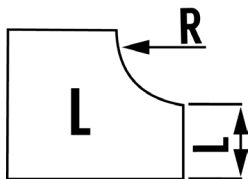
Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RHWF30Z	30 mm	3G	0	100	R = R2 = R3 = 10	BHHALF
RHWF30C	30 mm	3G	1	100	R = R2 = R3 = 10	BHHALF
RHWF30M	30 mm	3G	2	100	R = R2 = R3 = 10	BHHALF
RHWF30F	30 mm	3G	3	100	R = R2 = R3 = 10	BHHALF

Hurricane Dupont Router



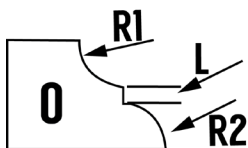
Item #	Size	Shape	Pos.	Outer Diameter	Radius/Length	Bearing #
RHH20Z	20 mm	H	0	70	R = 15, L = 5	BHDEOG
RHH20C	20 mm	H	1	70	R = 15, L = 5	BHDEOG
RHH30Z	20 mm	H	0	70	R = 15, L = 5	BHDEOG
RHH30C	30 mm	H	1	70	R = 15, L = 5	BHDEOG

Hurricane Cove Router



Item #	Size	Shape	Pos.	Outer Diameter	Radius/Length	Bearing #
RHC20C	20 mm	L	1	60	R = 10, L = 10	BHB001
RHC20F	20 mm	L	3	60	R = 10, L = 10	BHB001

Hurricane Cove Dupont Router



Item #	Size	Shape	Pos.	Outer Diameter	Radius/Length	Bearing #
RHCD20Z	20 mm	O	0	79	R1 = R2 = 8.5, L = 3	BHDEOG
RHCD30Z	30 mm	O	0	90	R1 = R2 = 12, L = 6	BHDEOG
RHCD30F	30 mm	O	3	90	R1 = R2 = 12, L = 6	BHDEOG

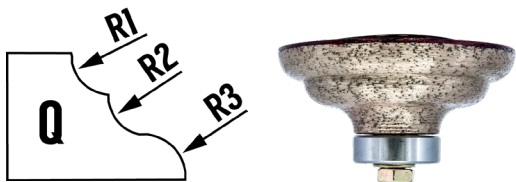
Hurricane Pencil Router



Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RHPEN30C	30 mm	PE	1	50	R = 28	BHB002
RHPEN30M	30 mm	PE	2	50	R = 28	BHB002
RHPEN40C	40 mm	PE	1	55	R = 35	BHB002
RHPEN40M	40 mm	PE	2	55	R = 35	BHB002

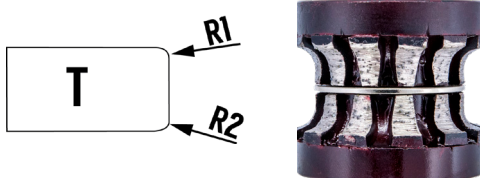
GRINDERS/SHAPERS

Hurricane Cove/Ogee Router



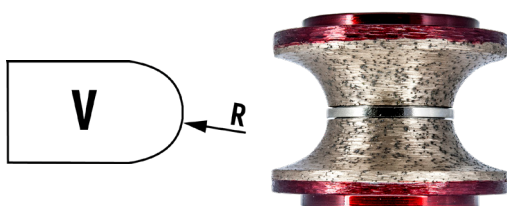
Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RHCO30Z	30 mm	Q	0	100	R1 = R2 = R3 = 11.5	BHDEOG
RHCO30C	30 mm	Q	1	100	R1 = R2 = R3 = 11.5	BHDEOG
RHCO30F	30 mm	Q	3	100	R1 = R2 = R3 = 11.5	BHDEOG

Hurricane Double Eased Router



Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RHDE20Z	20 mm	T	0	50	R1 = R2 = 5	BHB002

Hurricane Full Bull Router



Item #	Size	Shape	Pos.	Outer Diameter	Radius	Bearing #
RHFB20C	20 mm	V	1	60	R = 10	BHFBUL
RHFB20F	20 mm	V	3	60	R = 10	BHFBUL
RHFB30Z	30 mm	V	0	65	R = 15	BHFBUL
RHFB30C	30 mm	V	1	65	R = 15	BHFBUL
RHFB30M	30 mm	V	2	65	R = 15	BHFBUL
RHFB30F	30 mm	V	3	65	R = 15	BHFBUL
RHFB40Z	40 mm	V	0	80	R = 20	BHFBUL
RHFB40C	40 mm	V	1	80	R = 20	BHFBUL
RHFB40M	40 mm	V	2	80	R = 20	BHFBUL
RHFB40F	40 mm	V	3	80	R = 20	BHFBUL
RHFB60Z	60 mm	V	0	95	R = 30	BHFBUL
RHFB60C	60 mm	V	1	95	R = 30	BHFBUL

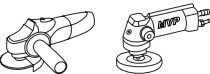


Cyclone Diamond Cluster Grinding Wheel



- First lightweight grinding wheel for pneumatic tools
- Diamond cluster points rip away epoxy and fiberglass backing
- Great for removing resin polish to prepare slab for honing and can be used effectively for fast edge shaping
- Can be used Wet or Dry

Tools:



Material:



Item #	Size	Body	Grit	Fitting	RPM
SCRG4	4"	Fiberglass	Medium 50	5/8"- 11	15,300
SCRG5	5"	Fiberglass	Medium 50	5/8"- 11	12,200
SCRG5C	5"	Fiberglass	Coarse 30	5/8"- 11	12,200
SCRG5F	5"	Fiberglass	Fine 100	5/8"- 11	12,200
SCRG6	6"	Fiberglass	Medium 50	5/8"- 11	10,000
SCRG7	7"	Fiberglass	Medium 50	5/8"- 11	5,500
SCRG5MB	5"	Steel	Medium 50	5/8"- 11	12,200
SCRG6MB	6"	Steel	Medium 50	5/8"- 11	10,000
SCRG7MB	7"	Steel	Medium 50	5/8"- 11	5,500

Cyclone PCD (polycrystalline diamond) Wheel



PCD grinding wheels are designed for aggressive removal of hard and tacky surfaces such as:

- Urethane epoxy
- Waterproofing membrane
- Pool deck coating
- Thick mastic
- Paint
- VCT/carpet glues

Tools:



Material:



Item #	Size	Arbor	Grit	Segments	Body
CPCDM5	5"	7/8"	Medium 50/60	Steel	Steel
CPCDM7	7"	7/8"	Medium 50/60	Steel	Steel



Rubber gasket included

CNC TOOLING



KEY FEATURES

Wide range of sizes and lengths available

Get 700 holes from the Cyclone S CNC core bit

First finger bits to come with a bottom segment

Extra strong welds lock segments into place

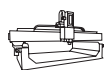


Cyclone Ultra CNC Core Bit

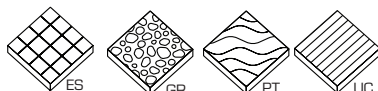


- T-segment design with new diamond technology increases life and minimizes segment loss
- Designed with slot-openings on each side which prevents blow-outs

Tools:



Material:



Item #	Size	Fitting	Usable Length	Max RPM
CUBYH138	1 3/8"	1/2" gas	2.25"	2,300
CUBYH114	1 1/4"	1/2" gas	2.25"	2,300
CUBYH112	1 1/2"	1/2" gas	2.25"	2,300

Cyclone CNC Core Bit

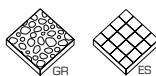


- T-segment design with new diamond technology increases life and minimizes segment loss
- Designed with slot-openings on each side which prevents blow-outs
- Feed Rate: 30 mm slab/2 IPM

Tools:



Material:



Item #	Size	Fitting	Usable Length	Max RPM
CDBYH114	1 1/4"	1/2 gas male	3"	2300
CDBYH138	1 3/8"	1/2 gas male	3"	2300
CDBYH112	1 1/2"	1/2 gas male	3"	2300
CDBYR183	1 1/2"	1/2 gas male, reverse	3"	2300
CDBYH012	1/2"	1/2 gas male	3"	2300
CDBYH014	1/4"	1/2 gas male	3"	2300
CDBYH034	3/4"	1/2 gas male	3"	2300
CDBYH036	3/16"	1/2 gas male	3"	2300
CDBYH038	3/8"	1/2 gas male	3"	2300
CDBYH100	1"	1/2 gas male	3"	2300
CDBHR014	1/4"	1/2 gas male, reverse	3"	2300

Cyclone S CNC Core Bit

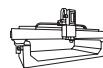


- Designed with a very fine diamond
- Gives you clean, fast holes every time
- Thin continuous rim segment

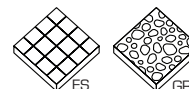
Cyclone S CNC Core Bit Parameters

RPM	Feed rate
1,250	1"-2"/ minute

Tools:



Material:



Item #	Size	Fitting	Usable Length	Max RPM
CDBHTW114	1 1/4"	1/2 gas male	2 1/2"	1,250
CDBHTW138	1 3/8"	1/2 gas male	2 1/2"	1,250
CDRTW138	1 3/8"	1/2 gas male, reverse	2 1/2"	1,250
CDBHTW112	1 1/2"	1/2 gas male	2 1/2"	1,250

Cyclone Z Wheel

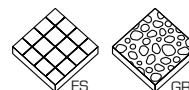


- Available in both 60 mm and 80 mm diameters
- Ultra-aggressive design for fast work at minimal spindle load
- Extends the life of the first position of profile bits

Tools:



Material:



Item #	Diameter	Fitting	Segment	Feed rate	Max RPM
CNZW6045	60mm x 40mm	35mm bore	15	110 IPM at 5 mm per pass	6,000
CNZW8035	80mm x 35mm	35mm bore	21		6,000
CNZW8045	80mm x 45mm	35mm bore	21		6,000

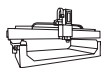
CNC TOOLING

Cyclone Ultra CNC Finger Bit

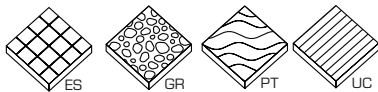


- Specific metal bond and diamond composition provide fast and clean milling in porcelain and ultra compact material
- 8 segment design ensures well balanced smooth cut

Tools:



Material:



Item #	Segment Size	Segment #	Fitting	Max RPM
CUFD2025	20 mm x 25L mm	8	1/2"gas	4,500
CUFD2030	20 mm x 30L mm	8	1/2"gas	4,500
CUFD2035	20 mm x 35L mm	8	1/2"gas	4,500
CUFD2040	20 mm x 40L mm	8	1/2"gas	4,500



Cyclone Finger Bit



- Bottom segment gives the CNC operator the option of drilling into the slab
- The 6 segment finger bit has the first ever reverse apple core design which is thicker in the middle

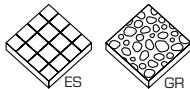
6 Segment Parameters

RPM	Feed rate
5,500	12"/ minute
5,000	10"/ minute
4,500	8"/ minute

Tools:



Material:



Item #	Segment Size	Segment	Fitting	Max RPM
FB158	1 5/8" x 22 mm segment length 40 mm	6 with bottom	1/2 gas male	4,500 - 5,000
FB1212	2 1/2" x 22 mm segment length 65 mm	5 with bottom	1/2 gas male	4,500 - 5,000
FBRT158	Reverse-thread 1 5/8" x 22 mm segment length 40 mm	6 with bottom	1/2 gas male	4,500 - 5,000

Super Cyclone High-Speed Finger Bit



- The Super Cyclone Seven Segment Finger Bit has a smaller diameter designed to cut even faster
- Bottom segment enables drilling into slab like a core bit

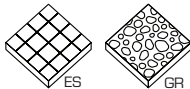
HIGH-SPEED Parameters

RPM	Feed rate
5,500	20"/ minute
5,000	15"/ minute
4,500	12"/ minute

Tools:



Material:



Item #	Segment Size	Segment	Fitting	Max RPM
FBSHS158	1 5/8" x 22 mm segment length 40 mm	7 with bottom	1/2 gas male	4,500 - 6,000
FB158TS	1 5/8" x 22 mm segment length 40 mm	8 twin	1/2 gas male	4,500 - 6,000
FBSHS200	2" x 22 mm segment length 50 mm	7 with bottom	1/2 gas male	4,500 - 6,000

Cyclone CNC Calibrating Wheel

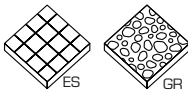


- CNC Calibration Wheels prepare the slab by reducing the thickness
- Approximate Recommended Feed Rate is .87" to 1.75" per minute

Tools:



Material:

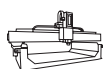


Item #	Size	Fitting	Segments	Max RPM
CGW025	4"	50 mm, 3+3 holes	25	4,000 - 5,000
CGW032	4"	50 mm, 3+3 holes	32	4,000 - 5,000

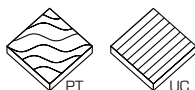
Cyclone Ultra Incremental Bit



Tools:



Material:



- For use on sink cut-out machines
- Specific metal bond and diamond composition provide fast and clean milling in porcelain and ultra compact material
- Micro incremental bits are designed for cutting at faster speeds. Used to mill tight corners and outlet holes.
- Reverse thread options available



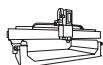
FBSM-RT25 (mandrel)

Item #	Diameter	Usable Length	Fitting	Bond	RPM
FBTU2020	20 mm	20 mm	M12	Medium	4,200
FBTU20RT	20 mm	20 mm	Reverse M12	Medium	4,200
Micro Incremental Bits					
FBTU08RT	8 mm	15 mm	Reverse 1/2 gas	Medium	4,200
FBTU10RT	10 mm	15 mm	Reverse 1/2 gas	Medium	4,200
Mandrels	Description				Fitting
FBSTIP-M	Cyclone Mandrel with sleeve, 70 mm length				M12 female - 1/2 gas male
FBSM-RT	Cyclone mandrel reverse thread, 70 mm length				M12 female - 1/2 gas male
FBSM-RT25	Cyclone mandrel with reverse thread, 25 mm length				M12 female - 1/2 gas male

Cyclone Incremental Bit & Mandrel

- For use on sink cut-out machines
- Super Cyclone screw on tip is taller and lasts longer for more cutouts with less glazing issues
- Reverse thread options available

Tools:



Material:



FBSTIP-M (mandrel)

Item #	Size	Fitting	Usable Length	Bond	RPM	Feed Rate
FBSTIP	20 mm	M12	20 mm	Medium	4,000	30 - 40 IPM
FBSTIP-S	20 mm	M12	22 mm	Soft	4,000	30 - 40 IPM
FBSTIP-T	20 mm	M12	15 mm	Medium	4,000	30 - 40 IPM
FBSTIP-RT	20 mm	M12 Reverse thread	22 mm	Medium	5,500	30 - 40 IPM

Item #	Description	Shaft Length	Fitting
FBSTIP-M	Cyclone mandrel with sleeve	70 mm	M12 female - 1/2 gas male
FBSM-RT	Super Cyclone mandrel reverse thread	70 mm	M12 female - 1/2 gas male
FBSM35	Super Cyclone Mandrel Thread (short)	35 mm	M12 female - 1/2 gas male
FBSM-RT25	Super Cyclone mandrel with reverse thread (short)	25 mm	M12 female - 1/2 gas male



FBSTIP

Soft Bond



FBSTIP-S

Hard Bond



FBSTIP-T

Hard Bond



FBSTIP-RT

Hard Bond

AUTO MACHINE TOOLING

KEY FEATURES

Cyclone s comes with white resin and 15 mm segments

Specs for every machine included with wheels with Cyclone S

Field tested for a minimum of 3,500 linear feet of polishing

Honeycomb design traps water for extra life & high polish on Cyclone Straight Wheels





Cyclone Ultra Straight Edge Snail Lock Wheel

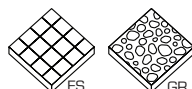


- Provides all the great features of the Cyclone version at a more competitive price
- Outperforms other industry brands at the same price point level
- More forgiving when polishing engineered stone with minimal water

Tools



Material:



Grit	5"	6"	Fitting	RPM
50	CUW50050	CUW60050	Snail lock	Reference your machine specifications
100	CUW50100	CUW60100	Snail lock	
200	CUW50200	CUW60200	Snail lock	
400	CUW50400	CUW60400	Snail lock	
800	CUW50800	CUW60800	Snail lock	
1,500	CUW51500	CUW61500	Snail lock	
3,000	CUW53000	CUW63000	Snail lock	

Cyclone Ultra Straight Edge Velcro Wheel

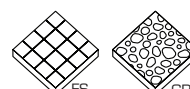


- Provides all the great features of the Cyclone version at a more competitive price
- Outperforms other industry brands at the same price point level
- More forgiving when polishing engineered stone with minimal water

Tools



Material:



Grit	5"	6"	Fitting	RPM
50	CUV50050	CUV60050	Velcro	Reference your machine specifications
100	CUV50100	CUV60100	Velcro	
200	CUV50200	CUV60200	Velcro	
400	CUV50400	CUV60400	Velcro	
800	CUV50800	CUV60800	Velcro	
1,500	CUV51500	CUV61500	Velcro	
3,000	CUV53000	CUV63000	Velcro	
Accessory	BPSL50	BPSL60	Snail lock	

AUTO MACHINE TOOLING

Cyclone S Hybrid Wheels

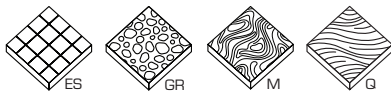


- Designed for straight & bull nose edges
- White resin to polish white quartz as well as granite.
- 15 mm thickness for Diamax's longest lasting auto edge wheel.
- For use on all multi-head in-line polishing machines

Tools



Material:



Grit	5"	6"	Fitting	RPM
60	CSH50060	CSH60060	Snail lock	Reference your machine specifications
100	CSH50120	CSH60120	Snail lock	
200	CSH50220	CSH60220	Snail lock	
400	CSH50400	CSH60400	Snail lock	
800	CSH50800	CSH60800	Snail lock	
1,800	CSH51800	CSH61800	Snail lock	
3,500	CSH53500	CSH63500	Snail lock	



New Cyclone S Hybrid Wheel
15 mm thickness



Old Cyclone S Hybrid Wheel



Cyclone S Wheels Suggested Parameters

BRETON EASYEDGE V 7S	BRETON PLATINUM EDGE V 7S
STRAIGHT EDGE	BULLNOSE & STRAIGHT EDGE
Cyclone S Straight Edge	Cyclone S Hybrid Straight & Profile Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500	Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 1.75 – 2 BAR	Pressure: 1.75 – 2 BAR
Speed: 35-45 CM/MIN	Speed: 35-40 CM/MIN

COMANDULLI OMEGA 60	COMANDULLI OMEGA 100	COMANDULLI PENTA	COMANDULLI SYNTHESIS
BULLNOSE & STRAIGHT EDGE	BULLNOSE & STRAIGHT EDGE	STRAIGHT EDGE	BULLNOSE & STRAIGHT EDGE
Cyclone S Hybrid Straight & Profile Edge	Cyclone S Hybrid Straight & Profile Edge	Cyclone S Straight Edge	Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500	Grits: 60, 120, 220, 400, 800, 1800, 3500	Grits: 220, 400, 800, 1800, 3500	Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 2.5 – 3.0 BAR	Pressure: 2.5 – 3.0 BAR	Pressure: 2.6 – 3.0 BAR	Pressure: 2.5 – 3.0 BAR
Speed: 20-25 CM/MIN	Speed: 25-35 CM/MIN	Speed: 30-35 CM/MIN	Speed: 25-35 CM/MIN

MARMO MECCANICA LCT521	MARMO MECCANICA LCT522	MARMO MECCANICA LCV711	MARMO MECCANICA LTV
BULLNOSE & STRAIGHT EDGE	BULLNOSE & STRAIGHT EDGE	STRAIGHT EDGE	BULLNOSE & STRAIGHT EDGE
Cyclone S Hybrid Straight & Profile Edge	Cyclone S Hybrid Straight & Profile Edge	Cyclone S Straight Edge	Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800	Grits: 120, 220, 400, 800, 1800, 3500	Grits: 120, 220, 400, 800, 1800, 3500	Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 2.5 – 3.0 BAR	Pressure: 2.6 – 2.8 BAR	Pressure: 2.6 – 3.0 BAR	Pressure: 2.6 – 2.8 BAR
Speed: 35-45 CM/MIN	Speed: 20-25 CM/MIN	Speed: 30-40 CM/MIN	Speed: 20-25 CM/MIN

PARK INDUSTRIES FASTBACK	PARK INDUSTRIES VELOCITY
STRAIGHT EDGE	BULLNOSE AND STRAIGHT EDGE
Cyclone S Straight Edge	Cyclone S Hybrid Straight & Profile Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500	Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 45 – 50 PSI	Pressure: 36 – 40 PSI
Speed: 13-17"/MIN	Speed: 9.8"/MIN
	Speed Control: 18%
	Miter Speed: 98 Degrees/sec
	Speed Control: 70%
	Active Size: 1.625"
	Hold down Pressure: 55 Psi

MONTRESOR LARA 60	MONTRESOR LARA 80	MONTRESOR LUNA 740, LUNA 780 and LUNA 880
BULLNOSE & STRAIGHT EDGE	BULLNOSE & STRAIGHT EDGE	BULLNOSE & STRAIGHT EDGE
Cyclone S Hybrid Straight & Profile Edge	Cyclone S Hybrid Straight & Profile Edge	Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500	Grits: 60, 120, 220, 400, 800, 1800, 3500	Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 2.6 – 2.8 BAR	Pressure: 2.5 – 3.0 BAR	Pressure: 2.6 – 2.8 BAR
Speed: 20-25 CM/MIN	Speed: 25-35 CM/MIN	Speed: 20-25 CM/MIN

SASSO MECCANICA FLYING BULL	SASSO MECCANICA FLYING FLAT	SASSO MECCANICA TE EXPERIENCE
BULLNOSE & STRAIGHT EDGE	STRAIGHT EDGE	BULLNOSE & STRAIGHT EDGE
Cyclone S Hybrid Straight & Profile Edge	Cyclone S Straight Edge	Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500	Grits: 60, 120, 220, 400, 800, 1800, 3500	Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 4.0 – 4.2 BAR	Pressure: 4.0 – 4.2 BAR	Pressure: 4.0 – 4.2 BAR
Speed: 30-35 CM/MIN	Speed: 35-40 CM/MIN	Speed: 30-35 CM/MIN

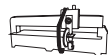
AUTO MACHINE TOOLING

Cyclone Hybrid Wheels



The Cyclone Hybrid Wheel is specially designed to do edge profiling and straight edge polishing with excellent results. This will save you time from having to change disks for straight and profiling jobs.

Tools



Material:



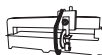
Grit	5"	6"	Fitting	Operating Parameters
50	SPEW50050	SPEW60050	Snail lock	• Start at 40-60 cm/min for granite. Find suitable speed according to stone material
100	SPEW50100	SPEW60100	Snail lock	
200	SPEW50200	SPEW60200	Snail lock	
400	SPEW50400	SPEW60400	Snail lock	
800	SPEW50800	SPEW60800	Snail lock	
1,500	SPEW51500	SPEW61500	Snail lock	• 40-60 cm/min for profile polishing on engineered stone
3,000	SPEW53000	SPEW63000	Snail lock	
Black buff	SPEW5BB	SPEW6BB	Snail lock	• Water: 50 liter/min
White buff	SPEW5BW	SPEW6BW	Snail lock	

Cyclone Straight Edge Wheels



The Cyclone Straight Edge Wheels work on most automatic back-splash machines. They give an exceptional and superior smooth finish in comparison to epoxy wheels. Their long life reduces pad change downtime.

Tools

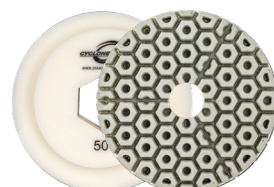


Material:



Grit	4"	5"	Fitting	Operating Parameters
50	SEW40050	SEW50050	Snail lock	• Start at 40-60 cm/min for granite. Find suitable speed according to stone material
100	SEW40100	SEW50100	Snail lock	
200	SEW40200	SEW50200	Snail lock	
400	SEW40400	SEW50400	Snail lock	
800	SEW40800	SEW50800	Snail lock	
1,500	SEW41500	SEW51500	Snail lock	• 40-60 cm/min for profile polishing on engineered stone
3,000	SEW43000	SEW53000	Snail lock	
Black buff	SEW4BB	SEW5BB	Snail lock	• Water: 50 liter/min

Cyclone White Straight Edge Wheels



- Designed to be used on white and light colored materials without bleeding
- Gives an exceptional and superior smooth finish in comparison to epoxy wheels.

Tools



Material:



Grit	4"	Fitting	Operating Parameters
50	SEWR40050	Snail lock	• Start at 40-60 cm/min for granite. Find suitable speed according to stone material
100	SEWR40100	Snail lock	
200	SEWR40200	Snail lock	
400	SEWR40400	Snail lock	
800	SEWR40800	Snail lock	
1,500	SEWR41500	Snail lock	• 40-60 cm/min for profile polishing on engineered stone
3,000	SEWR43000	Snail lock	
Black buff	SEWR4BB	Snail lock	• Water: 50 liter/min

Cyclone Snail Lock System

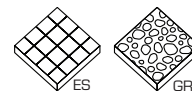


- Fits most auto-edge profile machines with new formula which ensures even wear and longer life
- Best for bull nose shaping & polishing
- Copper bonded pos. 3 ensures longer life compared to standard resin
- For RPM please consult your machine technical specs

Tools



Material:



Item #	Size	Pos.	Bond	Fitting	Working Parameter
CCWSL41	4"	1	Metal	Snail lock	90 - 100 PSI
CCWSL42	4"	2	Metal	Snail lock	90 - 100 PSI
CWSLP3	4"	3	Resin	Velcro back	30 - 35 PSI
CWSLP3C	4"	3	Copper	Velcro back	30 - 35 PSI
CWSLP4	4"	4	Resin	Velcro back	30 - 35 PSI
CWSLP5	4"	5	Resin	Velcro back	30 - 35 PSI
CWSLP6	4"	6	Resin	Velcro back	30 - 35 PSI



***IF THE SUPER CYCLONE
MULTI CUTTER CAN DO
THIS TO DEKTON...***

***IMAGINE WHAT IT CAN DO TO
EVERYTHING ELSE YOU CUT.***



THE EYE OF INNOVATION

***VISIT DIAMAXINC.COM FOR YOUR
NEAREST DISTRIBUTOR***



ULTRA-COMPACT TILE, & GLASS

KEY FEATURES

**Innovative tools for your
tile needs**

**First ever dry porcelain
drill bit**

**Cyclone mesh turbo never
gets hot when dry cutting**



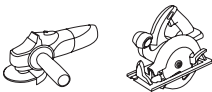


Cyclone Ultra Mesh Turbo Blade

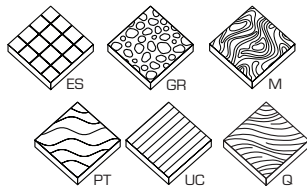
- The Cyclone Ultra Mesh Turbo blade is designed to cut Ultra Compact surfaces at a fast speed with minimal chipping
- Ultra thin rim assures a fast clean cut
- Turbo mesh design allows for optimal cooling
- Center hub reinforcement keeps the blade cutting straight



Tools



Material:



Item #	Size	Arbor	Max RPM
CUTB40	4"	7/8" + 20 mm + 5/8", reinforced hub	13,200
CUTB45	4 1/2"	7/8" + 20 mm + 5/8", reinforced hub	13,200
CUTB50	5"	7/8" + 20 mm + 5/8", reinforced hub	12,200
CUTB60	6"	7/8" + 20 mm + 5/8", reinforced hub	10,000
CUTB70	7"	5/8" + DKO, reinforced hub	8,600
CUTB10	10"	1" + 5/8" + 7/8", reinforced hub	6,100

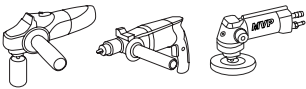
ULTRA-COMPACT, TILE & GLASS

Cyclone Ultra Core Bit

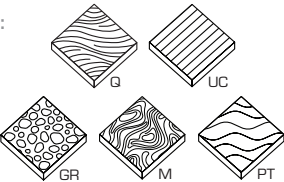


- Specific grit & bond composition provides a fast clean hole through porcelain & other ultra compact material
- Featuring thin beveled segments for ease of entry into material
- Shortened overall length for added controllability
- Wet or dry use

Tools



Material:



Item #	Size	Fitting	Usable Length	Max RPM
CUDB014	1/4" non-coring	5/8"- 11 thread	2"	5,000
CUDB516	5/16" non-coring	5/8"- 11 thread	2"	5,000
CUDB038	3/8" non-coring	5/8"- 11 thread	2 3/4"	5,000
CUDB012	1/2"	5/8"- 11 thread	2 3/4"	5,000
CUDB058	5/8"	5/8"- 11 thread	2 3/4"	5,000
CUDB114	1-1/4"	5/8"- 11 thread	2 1/4"	5,000
CUDB138	1 3/8"	5/8"- 11 thread	2 1/4"	5,000
CUDB112	1 1/2"	5/8"- 11 thread	2 1/4"	5,000
CUDB200	2"	5/8"- 11 thread	2 1/4"	5,000

Cyclone Porcelain Tile Bit

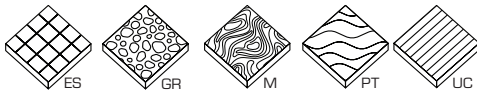


- First ever dry bit for porcelain tile
- Sintered turbo rim for faster cuts and longer life
- Comes with hexagonal chuck
- Can be used on ultra compact material with water

Tools



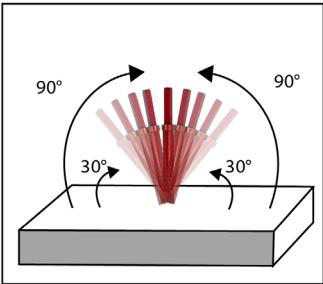
Material:



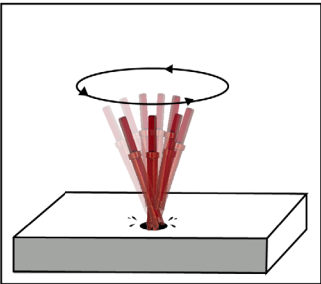
Item #	Size (mm)	Fitting	Usable Length	RPM
TDBC316	3/16" [5 mm]	Hexagonal chuck	2 1/4"	1,500 - 2000
TDBC14	1/4" [6 mm]	Hexagonal chuck	2 1/4"	1,500 - 2000
TDBC516	5/16" [8 mm]	Hexagonal chuck	2 1/4"	1,500 - 2000
TDBC38	3/8" [10 mm]	Hexagonal chuck	2 1/4"	1,500 - 2000
TDBC12	1/2" [12 mm]	Hexagonal chuck	2 1/4"	1,500 - 2000



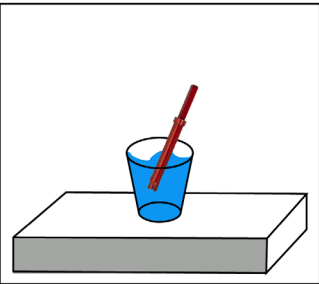
Recommended Tile Bit operating instructions:



1. Angle core bit to 30°. Begin drilling and slowly move to 90°.



2. Oscillate core bit as you drill into the material. Keep drilling speed constant.



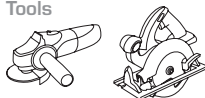
3. After completing hole, cool down in water and remove any material stuck in core. Do not force or overheat while in use.

Cyclone Porcelain Turbo Blade

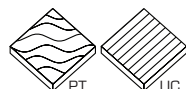


- The new mesh turbo rim minimizes heat caused by friction
- Cooler rim temperatures increase life and speed of your cut
- New diamond bond makes this the best continuous rim ever
- 60 mm to 1" arbor reducer bushings are available for larger blades

Tools



Material:



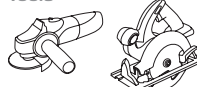
Item #	Size	Arbor	RPM
TBP40	4"	5/8"- 7/8"- 20 mm, reinforced hub	13,200
TBP45	4.5"	5/8"- 7/8"- 20 mm, reinforced hub	13,200
TBP50	5"	5/8"- 7/8"- 20 mm, reinforced hub	12,200
TBP60	6"	5/8"- 7/8"- 20 mm, reinforced hub	10,000
TBP70	7"	5/8"- DKO, reinforced hub	8,600
TBP7Q	7"	5/8"- 7/8"- 20 mm, reinforced hub	8,600
TBP100	10"	5/8"- 7/8"- 1"	6,100
TBP1260	12"	50/60 mm, reinforced hub	6,300
TBP1460	14"	50/60 mm, reinforced hub	5,400
TBP1660	16"	50/60 mm	4,800

Cyclone Continuous Rim Blade

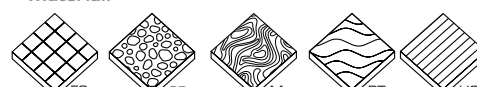


- Most versatile blade that cuts granite, marble, porcelain, and ceramic tile
- Also used widely in counter top fabrication for granite, engineered stone and marble
- Ideal for cleaning seams and preparing material for miter joints
- Slotted for more aggressive cutting with minimal chipping

Tools



Material:



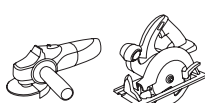
Item #	Size	Arbor	RPM
CSR040	4"	5/8"- 7/8"- 20 mm	15,300
CSR045	4.5"	5/8"- 7/8"- 20 mm	13,200
CSR050	5"	5/8"- 7/8"- 20 mm	12,200
CSR060	6"	5/8"- 7/8"- 20 mm	10,000
CSR070	7"	5/8"- DKO	8,600
CSR080	8"	5/8"- 7/8"- 20 mm	7,500
CSR100	10"	5/8"- 7/8"- 1"	6,100
CSR120	12"	5/8"- 7/8"- 1"	6,300
CSR140	14"	5/8"- 7/8"- 1"	5,400

Cyclone Continuous Rim Glass Blade

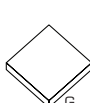


- Diamond bond specifically made for glass tile
- For clean and precise cuts in glass
- Cuts glass and white backing chip-free
- For wet cuts only

Tools

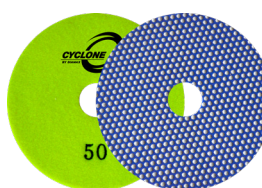


Material:



Item #	Size	Arbor	RPM
CRGB045	4.5"	5/8"- 7/8"	13,300
CRGB07	7"	5/8"- DKO	8,500
CRGB10	10"	5/8"- 7/8"- 1"	6,100

Cyclone Electroplated Pad



- Electroplated diamonds on thin pad provides excellent flexibility
- Last about 150 times longer than general sandpaper
- Excellent option for honing
- Wet use only

Tools



Material:



Item #	Size	Grit	Bond	Max RPM
PDE450	4"	50	Electroplated	3,000
PDE4100	4"	100	Electroplated	3,000
PDE4200	4"	200	Electroplated	3,000
PDE4400	4"	400	Electroplated	3,000
PDE4800	4"	800	Resin	3,000
PDE41500	4"	1500	Resin	3,000
PDE43000	4"	3000	Resin	3,000

ACCESSORIES

Apron



- Waterproof design
- Vinyl material
- One size only

Item #	Description
APRON	Cyclone waterproof apron

Adapters



We carry a wide range of adapters. These are our most common. If you require something special please contact us.

Item #	Description
BA4H	4 hole adapter for blade with 5/8" - 11 female thread
CBADPTR	1/2" shaft to 5/8" - 11 male thread
CNCADP	5/8" - 11 male to 1/2" gas CNC male adapter

Cyclone Backer Pads

Tools



- Backer pads are available in 3", 4" and 5"
- Choose from soft or hard rubber, ultra thin or hard plastic
- New aluminum backer now available in 4"

Item #	Size	Body	Description	Fitting
BP30	3"	Soft rubber	Velcro backer pad	5/8" - 11
BPR30	3"	Firm rubber	Velcro backer pad	5/8" - 11
BPC40	4"	Soft rubber	Velcro backer pad	5/8" - 11
BPR40	4"	Firm rubber	Velcro backer pad	5/8" - 11
BPP40	4"	Hard plastic	Velcro backer pad	5/8" - 11
BPT40	4"	Soft rubber	Velcro backer pad	5/8" - 11
BPA40	4"	Aluminum	Velcro backer pad	5/8" - 11
BP50	5"	Soft rubber	Velcro backer pad	5/8" - 11
BPR50	5"	Firm rubber	Velcro backer pad	5/8" - 11
BPSL40T	4"	Hard plastic	Velcro backer pad	Snail lock
BPSL50	5"	Hard plastic	Velcro backer pad	Snail lock
BPSL60	6"	Hard plastic	Velcro backer pad	Snail lock



TROUBLESHOOTING

BLADE TROUBLESHOOTING:

Blade worn out of round Cause: Shaft bearings are worn / Blade arbor is damaged from previous improper mounting
Remedy: Install new blade shaft as required / Replace worn shaft or mount an arbor reducer

Blade will not cut Cause: The bond is too hard for the material being cut / Blade has become dull (glazed) as a result of being used on too hard of a material / Machine has insufficient horsepower / Cutting is slow
Remedy: Use a blade with a softer bond / Glazed blades can be re-opened by cutting a soft, abrasive material such as concrete / Change to a lower horsepower blade

Uneven Segment Wear Cause: Insufficient water (usually on one side of the blade) / Equipment defects cause the segments to wear unevenly / Saw is improperly aligned
Remedy: Flush out water system and check flow and distribution to both sides of the blade / Replace bad bearings, worn arbor or misalignment to the spindle / Check saw head aligned for squareness both vertically and horizontally

Arbor hole out of round Cause: Blade collar is not tightened, allowing blade rotation or vibration of shaft / Blade collar is not tightened, allowing blade clamping / Blade is not properly mounted
Remedy: Tighten the shaft nut with your wrench to make certain the blade is adequately secured / Clean blade collars, making certain they are not worn / Make sure the blade is mounted on the proper shaft diameter before tightening the shaft nut

Segment cracks Cause: The bond is too hard for the material being cut
Remedy: Use a blade with a softer bond

Blade wobbles Cause: Blade is running at improper speed / Blade collar diameters are not identical / Blade is bent as a result of dropping or twisting
Remedy: Make certain the blade shaft is running at the recommended RPM to match tensioned speed of the blade / Check blade collars to make sure they are clean, flat, and the correct diameter / Get a new blade or have the blade re-tensioned

Segment loss Cause: Overheating due to lack of water / Steel center is worn from undercutting / Defective blade collars are causing improper blade alignment / Bond is too hard for material being cut / Blade is cutting out of round, causing a pounding motion improper blade tension
Remedy: Check water feed lines and make sure water flow is adequate on both sides / Use sufficient water to flush out the cut / Clean blade collars or replace / Use a blade with a softer bond / Replace worn bearing / Ensure blade is running at a correct RPM and that the blade is tensioned for correct RPM

Cracks in Steel Center Cause: Blade flutters during cutting as a result of losing tension / Blade specification is too hard for the material being cut / Bad blade shaft bearing / Steel center has been overheating as a result of blade spinning on arbor
Remedy: Tighten the shaft nut and have the blade re-tensioned / Use softer bond to eliminate stress which created cracks / Replace bad shaft bearing / Check water flow, distribution and lines, and make sure to tighten blade shaft nut

Loss of tension Cause: Steel center has been overheating from rubbing the side of the material being cut / Unequal pressure at the blade clamping collars / Bond is too hard for material being cut
Remedy: Make certain the blade RPM is correct so the blade operates at its tensioned speed / Blade clamping collars must be identical in diameter and the recommended size / Use a blade with a softer bond

DRY POLISHING DISK TROUBLESHOOTING

Dryflex-5: Disk has short life during polishing Cause: RPMs are too high
Remedy: Polish wet or dry at constant 4000 RPM

Disk burns the stone Cause: RPMs too high during polishing
Remedy: Polish wet or dry at constant 4000 RPM

Disk leaves a dull finish Cause: Low RPM and/or time spent polishing per step
Remedy: Polish wet/dry at 4000 RPM and/or polish with more time.

Disk is coming apart Cause: Disk is new and used too aggressively
Remedy: Polish flat edges first before complex edges

Tread comes apart Cause: Polishing over sharp corners
Remedy: Grind down or avoid polishing sharp corners

Velcro comes apart Cause: Constantly pulling disk off backer pad by tread instead of velcro
Remedy: Pull pad off backer pad by velcro

Disk is not staying fixed to backer pad Cause: Velcro on backer pad and/or on disks is exhausted
Remedy: Replace with new backer pad and/or replace with new polishing disk

Dry pads excluding Dryflex-5: **Disk has short polishing life** Cause: RPMs too high
Remedy: Polish dry at constant 2000 RPM & wet at 3000 RPM

Disk bleeds and/or burns the stone Cause: RPMs too high during polishing
Remedy: Polish dry at constant 2500 RPM and wet polish at 3000 RPM
Disk comes apart Cause: Disk is new and used aggressively
Remedy: Polish flat edges first before complex edges

Tread comes apart Cause: Polishing over sharp corners
Remedy: Grind down or avoid polishing sharp corners

Disk does not polish Cause: Not enough diamond contact on stone surface
Remedy: Expose more diamonds in resin with a dressing stone

Velcro comes apart Cause: Constantly pulling disk off backer pad by tread instead of velcro
Remedy: Pull pad off backer pad by velcro

Disk is not staying fixed to backer pad Cause: Velcro on backer pad and/or on disks is exhausted
Remedy: Replace with new backer pad and/or replace with new polishing disk

WET POLISHING DISK TROUBLESHOOTING

Tread comes apart from Velcro Cause: Disk is new and is being used too aggressively / Polishing over sharp corners
Remedy: Polish flat edges first before complex edges / Grind down or avoid polishing sharp corners

Velcro comes apart from tread Cause: Repetitive removal of disk off backer pad by tread instead of velcro
Remedy: Pull disk off backer pad by velcro

Resin bleeds on stone surface Cause: Not enough water supply used during polishing
Remedy: Increase water disbursement out of machine

WET POLISHING DISK TROUBLESHOOTING:

Disk does not polish Cause: Not enough diamond contact on stone surface Remedy: Expose more diamond contact from resin with a dressing stone

Disk has short polish life Cause: RPMs are too high when polishing and or not enough water dispersed Remedy: Polish with consistent 3500-3000 RPMs with substantial water disbursement on stone

Disk leaves scratches on stone Cause: Polishing too fast with lower grit disks, which may leave noticeable scratches Remedy: Spend more time polishing at lower grits to effectively avoid scratching

Disk is not staying fixed to backer pad Cause: Velcro on backer pad and or on disks is exhausted Remedy: Replace with new backer pad and or replace with new polishing disk

CORE DRILL BIT TROUBLESHOOTING:

Segment Loss Cause: Core bit dropped / RPM is too high causing weld to melt and segments to detach from core / Not enough water to cool drilling process Remedy: Replace with new bit. Using a bit with a missing segment can be dangerous / Spin at recommended RPM depending on the diameter and style of bit

Bit not drilling and or "turning blue" Cause: Segments glazed over / RPM is too high / Not enough water to cool drilling process Remedy: Expose more diamond on segment with a dressing stone / Spin at a recommended RPM depending on the diameter and style of bit / Increase water while drilling / Drill into stone at an angle then keep at a consistent 90 degree angle on stone

Segments rounding Cause: Constant Boring or maneuvering grinder in excess of 90 degrees around stone Remedy Drill into stone at an angle then keep at a consistent 90 degree angle on stone

GRINDERS/SHAPERS TROUBLESHOOTING:

Cyclone V1: **Not cutting or grinding but still can see diamonds** Cause: Vacuum braided technology is a process where the diamonds are all exposed on the metal therefore what you see on the tool is all the diamond contained / Flat grinding on stone Remedy: Replace with a new V1 - diamond sharpness is used up / Replace with a new V1 and use only for edge shaping

Cyclone V2'S: **Not grinding but still can see diamonds** Cause: Vacuum braided technology is a process where the diamonds are all exposed on the metal therefore what you see on the tool is all the diamond contained / Flat grinding on stone Remedy: Replace with a new V2 because diamond sharpness is used up / Replace with a new V2 and use tool only for edge shaping and maneuver disk in a circular motion

Cyclone Stock Removal Wheels: **Uneven groove like wear in wheel** Cause: Stock removing in a constant position Remedy Osculate wheel up and down for even wear on wheel
Wheel vibrating/bouncing on stone Cause: Uneven wear on wheel Remedy Osculate wheel up and down for even wear on wheel or reshape with a dressing stone
Wheel not removing stock aggressively Cause: Stone dust hindering the sinter Remedy: Change to coarser grit or redress tool with a dress stone
Wheel removing stock too aggressively Cause: Grit being used is too aggressive Remedy: Change to finer grit

Cyclone Zero Tolerance Wheels: **Uneven groove like wear in wheel** Cause: Stock removing in a constant position Remedy: Osculate wheel up and down for even wear on wheel
Wheel vibrating or bouncing on stone Cause: Uneven wear on wheel Remedy: Osculate up and down for even wear or reshape with a dressing stone
Wheel not removing stock aggressively Cause: Using a resin filled wheel / Segments glazed over Remedy: Change to a non-resin wheel for optimal stock removal / Expose diamond with a dressing stone
Wheel removing stock too aggressively Cause: Using a non-resin filled wheel Remedy: Change to resin-filled
Bottom segments or resin chipping Cause: Dropping of wheel on the ground Remedy: Replace with a new wheel using it can result in chipping the stone and even personal injury

Cyclone Turbo Cup Wheel: **Cup wheel not grinding or turning blue** Cause: Cup wheels spinning above the recommended RPM / Not using enough water to cool the cup wheel during the grinding process. Remedy: Expose more diamonds on the segment with a dressing stone / Spin at the recommended RPM / Increase the amount of water used during grinding

Cyclone Finger Bit: **Grooves in finger bit** Cause: Finger constantly being used in the same place Remedy: Osculate bit up & down for even wear
Finger bit wearing in the middle Cause: Finger constantly being used in the same place Remedy: Osculate bit up and down for bit to wear evenly
Finger bit breaking Cause: Bit constantly used in the same place with strong feed rate Remedy: Slow down feed rate on hard granite. You may use faster feed rate on softer granite
Melting of finger bit thread Cause: Bit not properly inserted or CNC cone defective Remedy: Replace CNC cone or thread in finger bit accurately

Cyclone Router Bits: **Router bit not shaping** Cause: RPM is too fast on stone Remedy: Spin at recommended RPM
Router bit is getting uneven grooves inside Cause: More edge prepping needed before Pos. 1 Remedy: Prep the edge of the stone with a cup wheel and/or a Pos. 0

Cyclone 6 Step Snail Lock Cup Wheels: **Not effectively doing straight edge polishing** Cause Our snail lock cup wheels are designed for beveling and bull nosing Remedy Use an appropriate tool for straight edge polishing


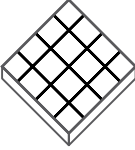


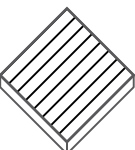
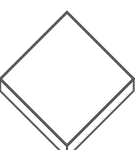
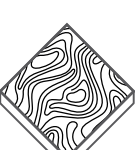
TURBO BLADES



TURBO BLADES

BEST ★★ ★
BETTER ★ ★
GOOD ★

MATERIALS

		Cyclone Continuous Rim Blade	Cyclone Porcelain Turbo Blade	Cyclone Side Segment Turbo Blade	Cyclone Turbo Blade	Hurricane Turbo Blade	Cyclone S Arrowtek Turbo Blade	Super Cyclone Electroplated Blade	Typhoon Turbo Blade
	PORCELAIN / TILE	★★★	★★★					★★	
	ENGINEERED STONE	★★	★★	★★★	★★	★★	★★	★	★★
	GRANITE	★★	★★	★★	★★★	★★★	★★★		★★★
	QUARTZITE	★★	★★	★★	★★	★★	★★★		★★
	ULTRA-COMPACT	★★★	★★★					★★★	
	GLASS	★★	★★					★★★	
	MARBLE	★★★	★★					★★★	





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