

DIAMAX

HURRICANE
BY DIAMAX



16"
20mm

GRANITE
ENGINEERED
STONE
QUARTZITE

DIAMAXINC.COM

2024 CATALOG

HOME OF THE #1 BRANDS IN STONE

TO OUR ESTEEMED CUSTOMERS AND LOYAL DISTRIBUTORS,

The Diamax staff and I wish to send a sincere thank you to all of our distributors as well as all of the loyal fabricators.

For 2024, we are building on the success of our silent cores with the introduction of a new **HURRICANE** blade from 14"-18". This will be a preview of new blades to come that offer faster performance on all quartzites with an easy transition to granite and engineered stones. The latest **QZT Turbo** blade in 4.5"-7" will offer a much-needed solution for hand fabricating quartzites using the same bonding that has made the silent core so successful. The **RockBuster** has new rubber backing to eliminate vibrations as well as a coarse 20 grit (early 2024). We will never stop evolving and improving our products to keep our customers productive and safe!

Thank you to all of our customers and vendors for trusting us to be a partner in success. We look forward to a successful 2024 with you!

Sincerely,
Justin & Simon Hong
Founders
Diamax Industries Inc.



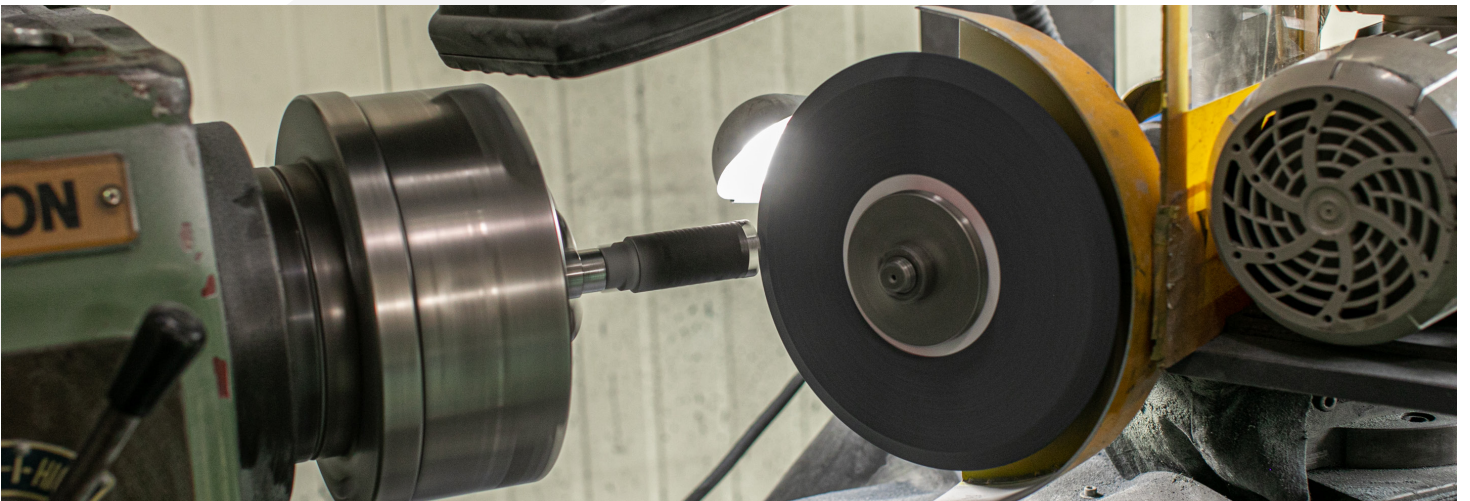
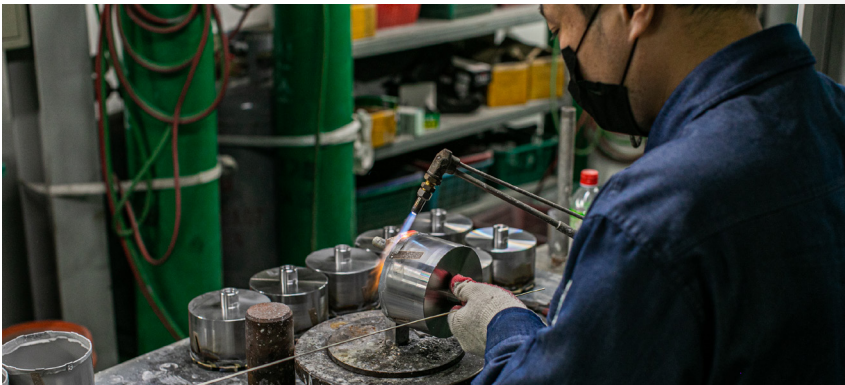


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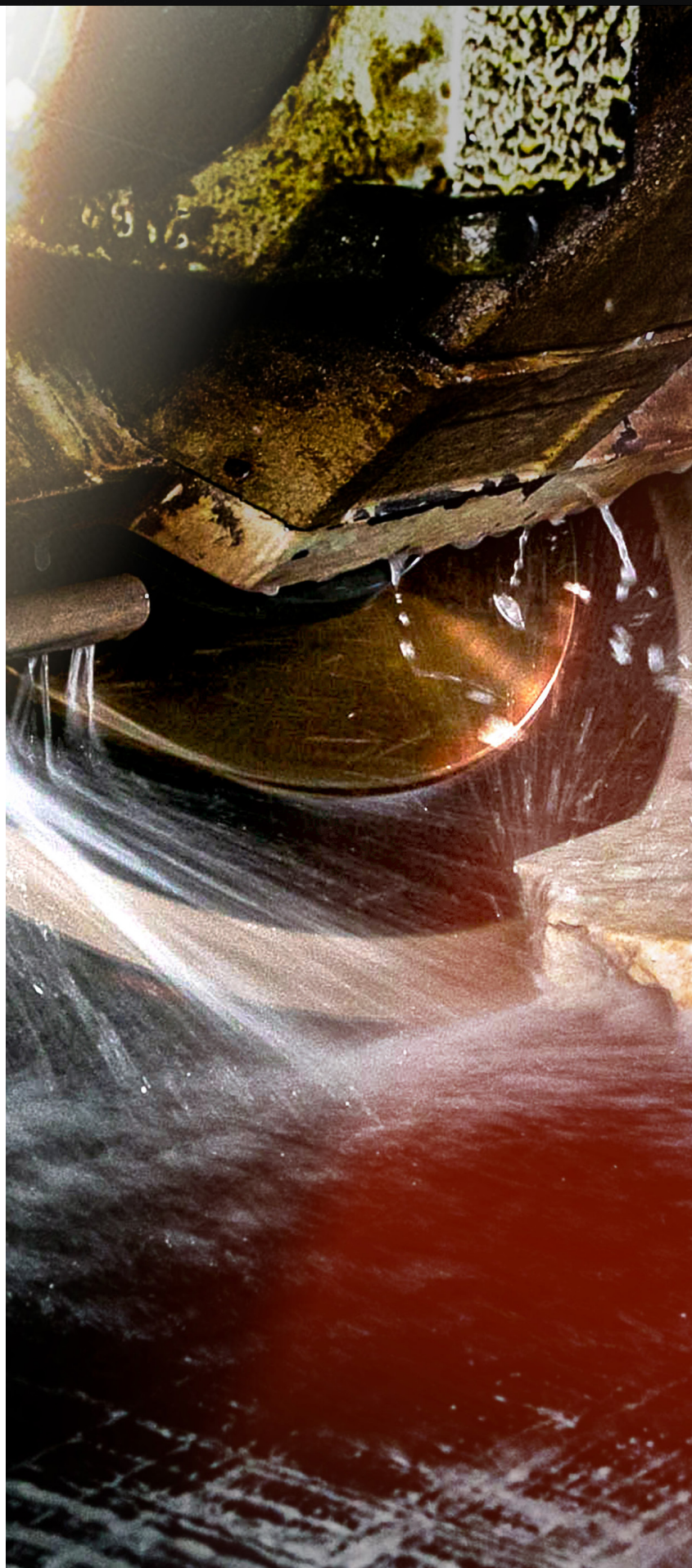
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WHAT'S NEW FROM DIAMAX



ROCKBUSTER

No more carbide. No more dust. New rubber backing reduces vibration.

PG 40



PG 42

DIAMOND CONE

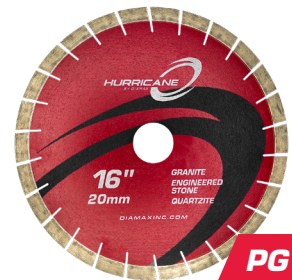
Never loses shape. Expands and smooths.



PG 36

HURRICANE AIR POLISHER

Ready for your toughest polishing projects.



PG 04

HURRICANE BLADE

The highest ROI of any blade on the market.



PG 54

CYCLONE COMBO FINGER BIT

Fastest cutting finger bit for 5 axis saws.



PG 61

COPPER EDGE WHEEL

Transition bond from bridge saw to resin.



PG 06

QZT TURBO

Contains the highest grade of super abrasive diamonds.

BRIDGE SAW BLADE FEED RATES



CYCLONE S #SCDA

SIZE	QUARTZITE	GRANITE / ES	DEKTON	RPM
14"	118" min MAX	200" min MAX	--	1,900
16"	118" min MAX	200" min MAX	--	1,750
18"	118" min MAX	200" min MAX	--	1,700
Miter	74" min MAX	--	--	



CYCLONE QZT #SCQ2

SIZE	QUARTZITE	GRANITE / ES	DEKTON	RPM
14"	72" min MAX	120" min MAX	--	1,900
16"	72" min MAX	120" min MAX	--	1,800
18"	72" min MAX	120" min MAX	--	1,700
Miter	42" min MAX	74" min MAX	--	



CYCLONE ULTRA #CUCS

SIZE	QUARTZITE	GRANITE / ES	DEKTON	RPM
14"	35 - 70" min MAX	--	35 - 70" min MAX	2,000
16"	35 - 70" min MAX	--	35 - 70" min MAX	2,000
18"	35 - 70" min MAX	--	35 - 70" min MAX	1,800
Miter	12 - 30" min MAX	--	12 - 30" min MAX	



CYCLONE SILENT CORE BLADE #SCDA

SIZE	QUARTZITE	GRANITE / ES	DEKTON	RPM
12"	--	200" min MAX	--	1,600 - 1,800
14"	--	200" min MAX	--	1,400 - 1,600
16"	--	200" min MAX	--	1,200 - 1,400
18"	--	200" min MAX	--	1,000 - 1,200
Miter	--	150" min MAX	--	



CYCLONE SUPER Q #SCQU

SIZE	QUARTZITE	GRANITE / ES	DEKTON	RPM
14"	118" min MAX	225" min MAX	--	1,900
16"	118" min MAX	225" min MAX	--	1,750
18"	118" min MAX	225" min MAX	--	1,700
Miter	74" min MAX	175" min MAX	--	



HURRICANE SILENT CORE #HSCB

SIZE	QUARTZITE	GRANITE / ES	DEKTON	RPM
14"	90" min MAX	150" min MAX	--	1,900
16"	90" min MAX	150" min MAX	--	1,750
18"	90" min MAX	150" min MAX	--	1,700
Miter			--	

BLADES



KEY FEATURES

Less than 1% return ratio
on all turbo blade lines

Evolving Technology to
cut the hardest materials

Flawless, straight
cuts every time

Performance you can trust



BLADES

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

Donatoni and Denver pin holes standard on 16" blade

TOOLS: BRIDGE SAW

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE. QUARTZITE

ITEM #	SIZE	SEGMENT	ARBOR	RPM	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

*Feed rates based on single pass in quartzite.

SUGGESTED FEED RATE



Donatoni & Denver Pin holes standard

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 and Denver pin holes standard on 16" blade

TOOLS: BRIDGE SAW

MATERIALS: MARBLE, QUARTZITE, ULTRA-COMPACT

ITEM #	SIZE	SEGMENT	ARBOR	RPM	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 RATE



Donatoni & Denver Pin holes standard

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: BRIDGE SAW

MATERIALS: ENGINEERED STONE, GRANITE, QUARTZITE

ITEM #	SIZE	SEGMENT	ARBOR	RPM	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

SUGGESTED FEED RATE

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*

TOOLS: BRIDGE SAW

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, QUARTZITE

ITEM #	SIZE	SEGMENT	ARBOR	RPM	MAX FEEDRATE
SCDA1420S	14"	20 mm	50/60 mm	1,900	21' / min
SCDA1426S	14"	26 mm	50/60 mm	1,900	21' / min
SCDA1620S	16"	20 mm	50/60 mm	1,750	21' / min
SCDA1626S	16"	26 mm	50/60 mm	1,750	21' / min
SCDA9016S	16"	26 mm	50/60 mm	1,750	21' / min
SCDT1626	16"	26 mm	50/60 mm	1,750	21' / min
SCDA1826S	18"	26 mm	50/60 mm	1,700	21' / min

* Proper dressing needed when cutting materials with varying densities



BLADES

HURRICANE SILENT CORE

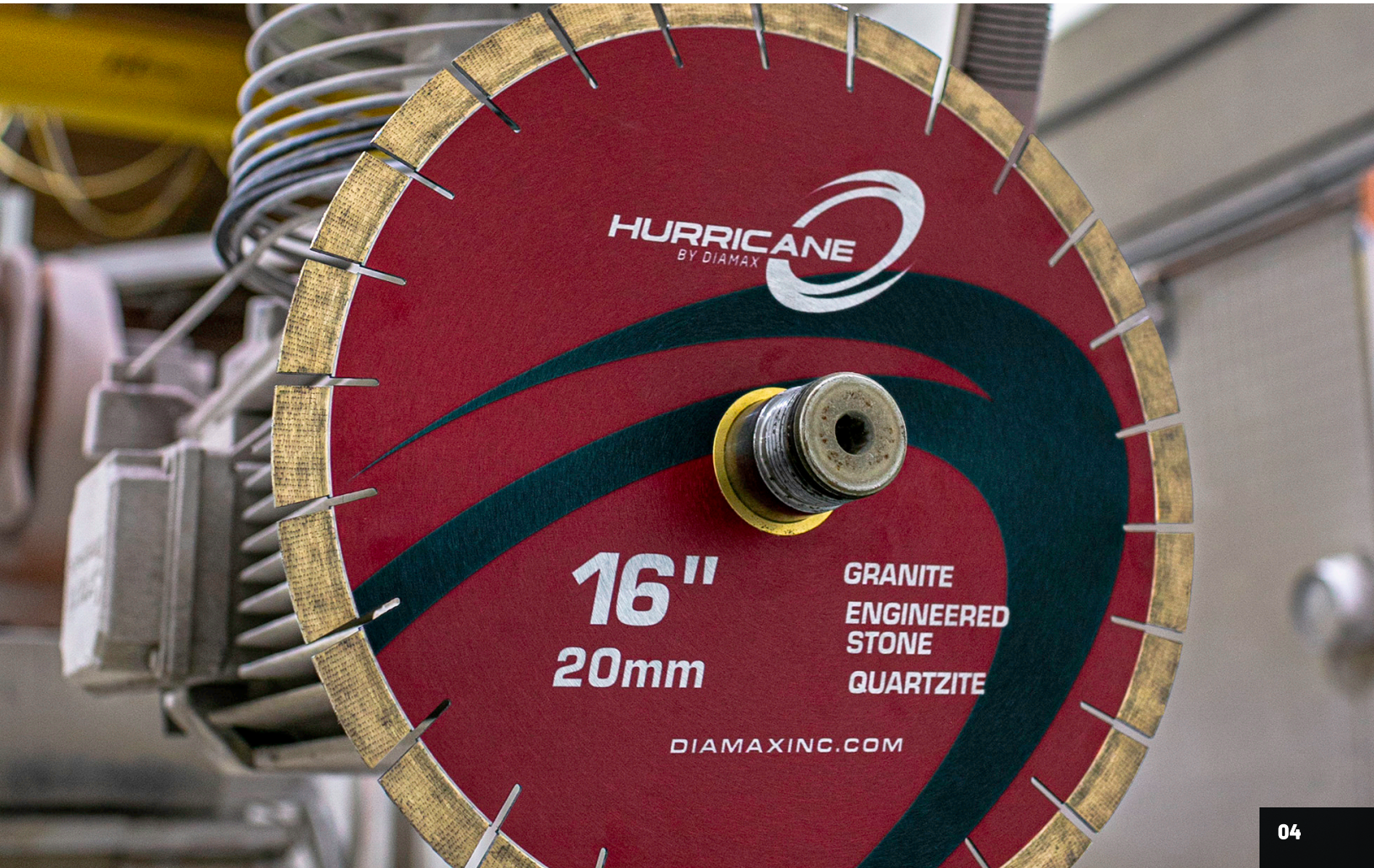
- Cost-effective high-performance blade
- Versatile segment for fast cutting from Quartzite to Engineered Stone
- Same performance from 10 - 25hp saw
- Capable of high feed rates with 2,000+ RPMs!
- The highest ROI of any blade on the market!

TOOLS: BRIDGE SAW
MATERIALS: ENGINEERED STONE, GRANITE, QUARTZITE

ITEM #	SIZE	SEGMENT	ARBOR	RPM
HSCB1420	14"	20 mm	50/60 mm	1,900
HSCB1620	16"	20 mm	50/60 mm	1,750
HSCB1820	18"	20 mm	50/60 mm	1,700

CATEGORY 5 SPEEDS

SIZE	ES / GRAINTE	QUARTZITE	RPM
16"	226" / min	120" / min	2,200



BLADES

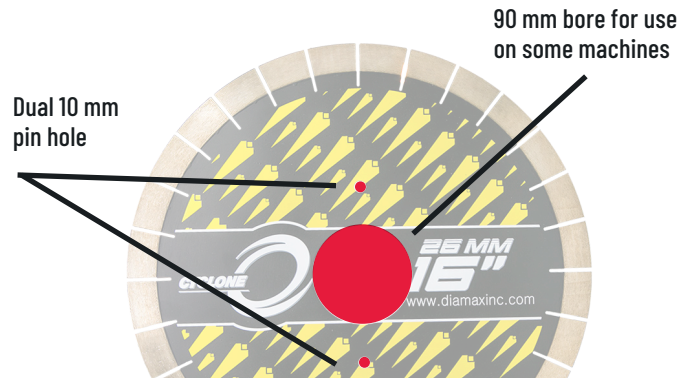
CYCLONE SILENT CORE BLADE



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: BRIDGE SAW

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

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

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: BRIDGE SAW

MATERIALS: ENGINEERED STONE, GRANITE, QUARTZITE

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

TOOLS: BRIDGE SAW

MATERIALS: MARBLE

ITEM #	SIZE	SEGMENT	BOND	ARBOR	RPM
SCMARB14	14"	10 mm	Med	50/60 mm	2,000
SCMARB16	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: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE, QUARTZITE

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: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE, QUARTZITE

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

QZT TURBO



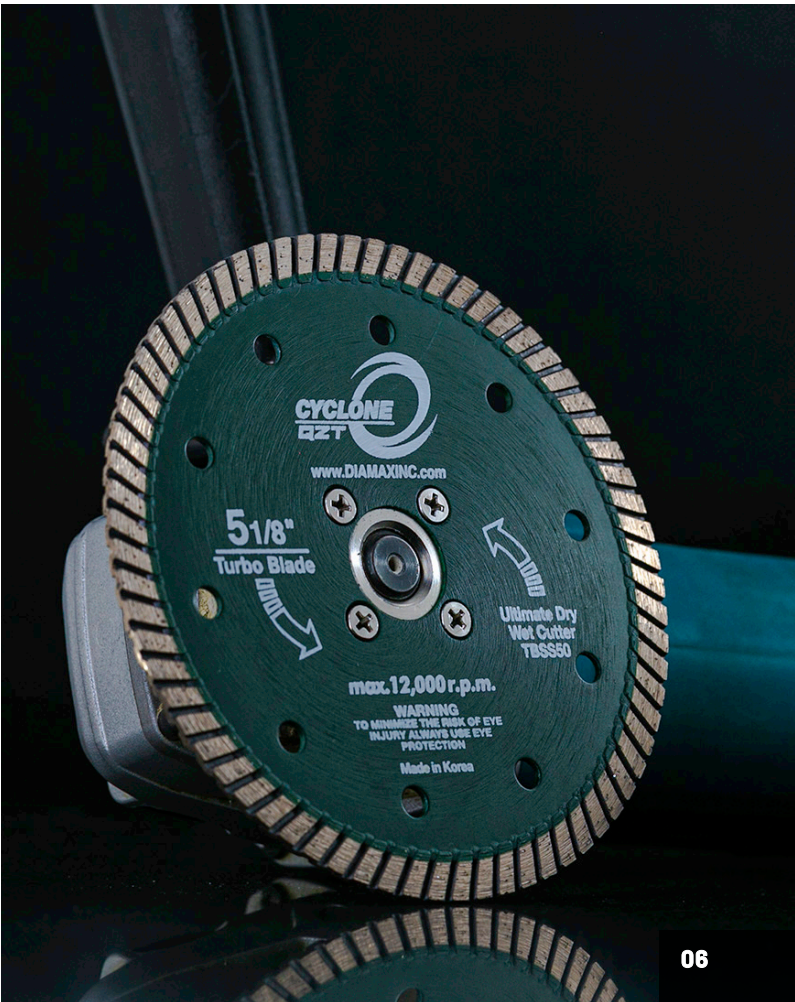
Contains the highest grade of super abrasive diamonds.

9.5mm rim for longer life

Cuts quartzite with ease

TOOLS: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE, QUARTZITE

ITEM #	SIZE	ARBOR	RPM
TBSQ50	5 1/8"	5/8" - 7/8" - 20mm	12,000
TBSQ60	6"	5/8" - 7/8" - 20mm	10,185



BLADES

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: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE

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
TBS70	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: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE

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
HTB70	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: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

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

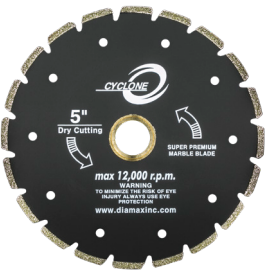
Cleanest cutting Dekton
blade on the market

TOOLS: ANGLE GRINDER, HAND SAW
MATERIALS: MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

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
EMBSL70	7"	5/8" - 7/8" - 20 mm	8,730

* Comes with DKO and 4 holes

CYCLONE ELECTROPLATED BLADE



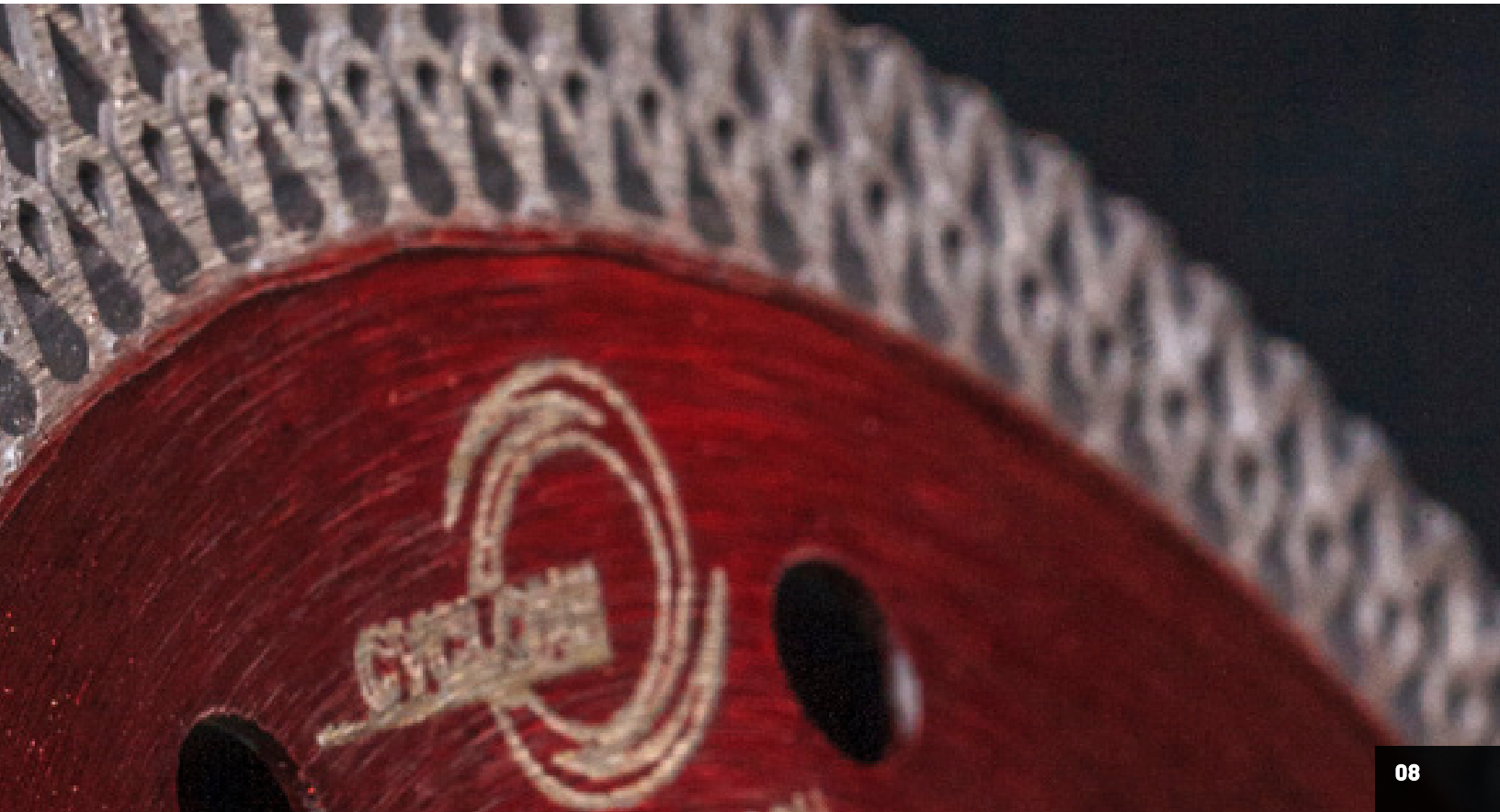
Thin core allows for sharp,
clean cuts in all marbles

Special electroplating
process separates this blades
performance from all others

For straight cuts only

TOOLS: ANGLE GRINDER, HAND SAW
MATERIALS: MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

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



BLADES

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: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE

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: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE

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: ANGLE GRINDER, HAND SAW
MATERIALS: MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

ITEM #	SIZE	ARBOR	RPM
CTEB5	5"	5/8" - 7/8"	12,000





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!



WET POLISHING



KEY FEATURES

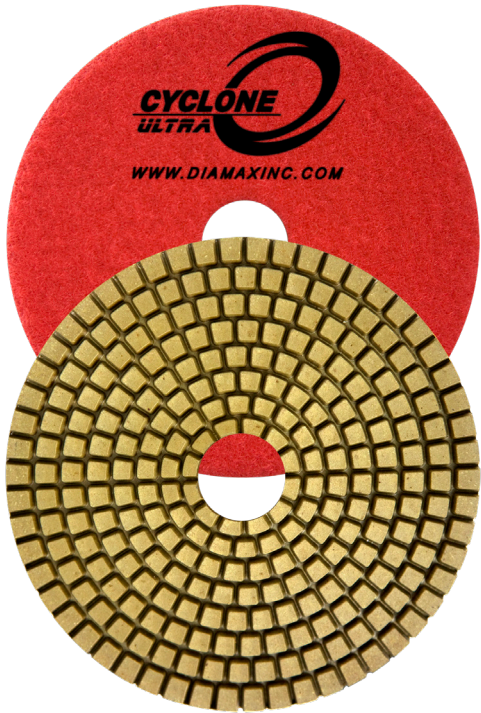
Wet resin velcro
polishing pads available
in 3", 4", and 5"

Options available for
granite, marble &
engineered stone

Always in stock



WET POLISHING



CYCLONE ULTRA WET POLISHING SYSTEM

The Cyclone Ultra is the highest quality wet polishing system produced by Diamax

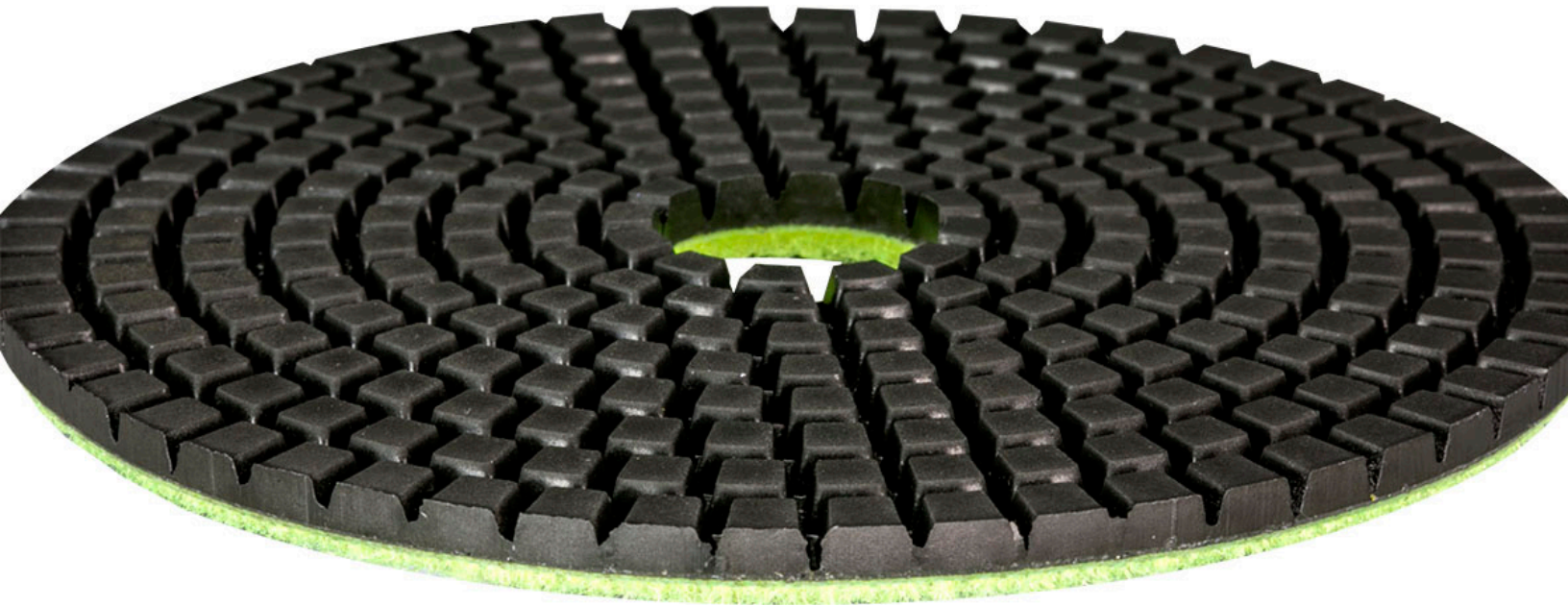
With its new resin and heavier diamond formula, the Ultra System delivers longer life & minimizes polishing time at a great value

Used to polish all engineered and natural stone materials with minimal resin bleeding

3 mm thick resin with R Series Tread

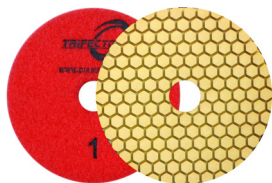
TOOLS: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE, GRANITE**

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: ANGLE GRINDER, AIR POLISHER

MATERIALS: **ENGINEERED STONE**, GRANITE, MARBLE

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: ANGLE GRINDER, AIR POLISHER

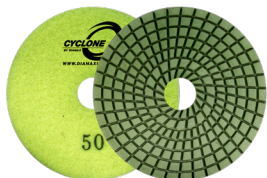
MATERIALS: **ENGINEERED STONE**, GRANITE, MARBLE

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



WET POLISHING

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: ANGLE GRINDER, AIR POLISHER

MATERIALS: **ENGINEERED STONE, GRANITE, MARBLE**

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: ANGLE GRINDER, AIR POLISHER

MATERIALS: **ENGINEERED STONE, GRANITE, MARBLE**

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: ANGLE GRINDER, AIR POLISHER

MATERIALS: **ENGINEERED STONE, GRANITE, MARBLE**

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: ANGLE GRINDER, AIR POLISHER

MATERIALS: **ENGINEERED STONE, GRANITE, MARBLE**

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE, GRANITE**

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE, GRANITE**

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

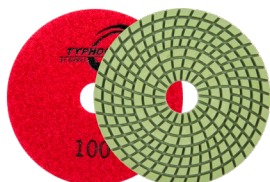
3 mm thick resin

TOOLS: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE, GRANITE**

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

WET POLISHING

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE, GRANITE**

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE, GRANITE**

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 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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE, GRANITE, MARBLE**

GRIT	ITEM #	SIZE (W X L)	DUAL FITTING	RPM
50	SRD250	3/4" x 11/2"	1/2 gas & 5/8"-11	3,000
100	SRD2100	3/4" x 11/2"	1/2 gas & 5/8"-11	3,000
200	SRD2200	3/4" x 11/2"	1/2 gas & 5/8"-11	3,000
400	SRD2400	3/4" x 11/2"	1/2 gas & 5/8"-11	3,000
800	SRD2800	3/4" x 11/2"	1/2 gas & 5/8"-11	3,000
1500	SRD21500	3/4" x 11/2"	1/2 gas & 5/8"-11	3,000
3000	SRD23000	3/4" x 11/2"	1/2 gas & 5/8"-11	3,000

ITEM #	SIZE	FITTING
SRDAPT	4" adapter length	5/8" Inner thread + 1/2" gas outer

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE, GRANITE**

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

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

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

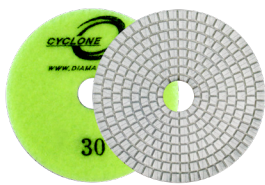


Position 0 available in 4"



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: ANGLE GRINDER, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

GRIT	ITEM #	SIZE	DESCRIPTION	RPM
30	ESHWP40050	4"	Velcro back, 3 mm resin	4,000
60	ESHWP40100	4"	Velcro back, 3 mm resin	4,000
150	ESHWP40200	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



ENGINEERED STONE POLISHING

TYPHOON ES WHITE 3 STEP POLISHING SYSTEM



New Clover tread design traps water for a high polish

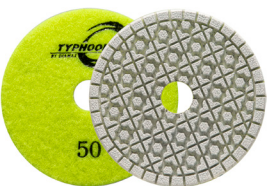
Pads are highly flexibility with clover tread

Rounded pad edges eliminate any accidental scratches

TOOLS: ANGLE GRINDER, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

GRIT	ITEM #	SIZE	DESCRIPTION	RPM
50	EW40050	4"	Velcro back, 3 mm resin	4,000
100	EW40100	4"	Velcro back, 3 mm resin	4,000
200	EW40200	4"	Velcro back, 3 mm resin	4,000
400	EW40400	4"	Velcro back, 3 mm resin	4,000
800	EW40800	4"	Velcro back, 3 mm resin	4,000
1500	EW41500	4"	Velcro back, 3 mm resin	4,000
3000	EW43000	4"	Velcro back, 3 mm resin	4,000



DRY POLISHING



KEY FEATURES

First to introduce
dry polishing pads
to North America

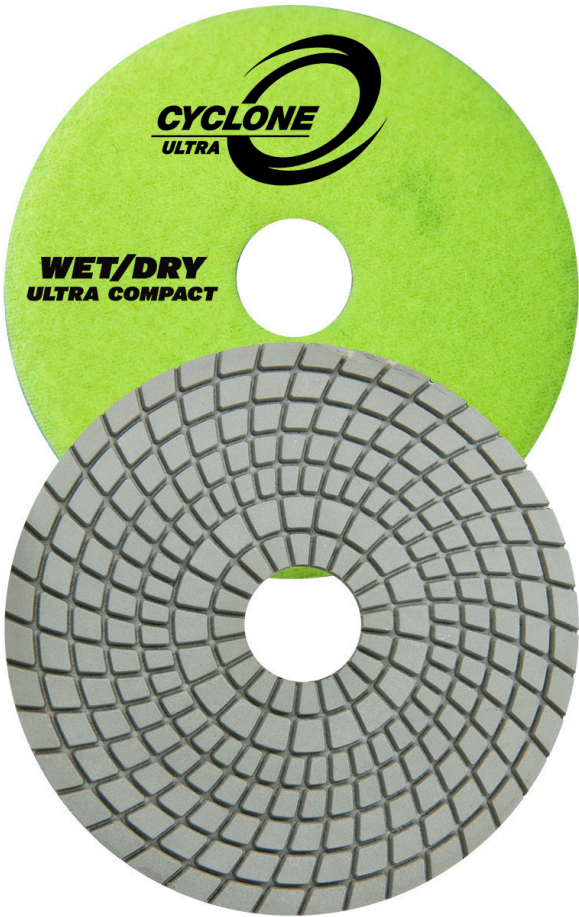
3, 5, and 8 step
systems available

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

TOOLS: ANGLE GRINDER, AIR POLISHER

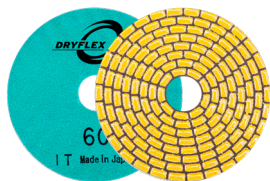
MATERIALS: **ENGINEERED STONE**, GRANITE, MARBLE, PORCELAIN/TILE, ULTRA-COMPACT, QUARTZ

ITEM #	SIZE	GRIT	PAD/BOND	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

MAX RPM

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

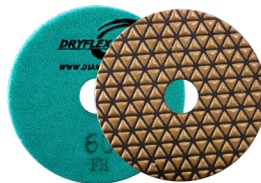
Excellent set of pads to have at the job site for quick touch-ups

Gains flexibility after continual use

TOOLS: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE**, GRANITE

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE**, GRANITE

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

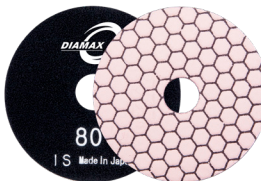
Polish lighter stone materials w/ 4 steps

Best system to polish engineered stone (ES). Test first on ES. Some ES may turn black.

TOOLS: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE**, GRANITE

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE**, GRANITE

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

DRY POLISHING

CYCLONE DRY POLISHING SYSTEM

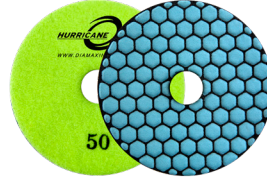


Best selling dry polishing disk in our line

Thinner velcro offers more flexibility for polishing complex edges

Great for polishing engineered stone wet

HURRICANE DRY POLISHING SYSTEM



Specially formulated adhesive keeps the pad together even under high heat

Use dry or wet

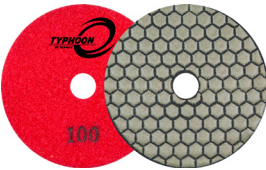
TOOLS: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE**, GRANITE

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

TOOLS: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE**, GRANITE

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: ANGLE GRINDER, AIR POLISHER
MATERIALS: **ENGINEERED STONE**, GRANITE

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



CORE DRILL BITS



KEY FEATURES

Cyclone, the #1 core
drill brand in America

Our non coring bits are
the fastest around

Segments can be used
through to the end

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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE, QUARTZITE

ITEM #	SIZE	FITTING	USABLE LENGTH	MAX RPM
CDBQZ114	1 1/4"	5/8" - 11 thread	3"	6,500
CDBQZ138	1 3/8"	5/8" - 11 thread	3"	6,500
CDBQZ112	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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

ITEM #	SIZE	USABLE LENGTH	RPM HAND GRINDER STONE HARD / SOFT	RPM DRILL PRESS,CNC 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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, PORCELAIN/TILE, QUARTZITE, ULTRA-COMPACT

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
CUDB400	4"	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

Heavy vacuum brazed side protection

For wet or dry use

5/8" - 11 female thread

TOOLS: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

ITEM #	SIZE	USABLE LENGTH	RPM HAND GRINDER STONE HARD / SOFT	RPM DRILL PRESS,CNC 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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE, PORCELAIN/TILE, ULTRA-COMPACT

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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

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

NEW SIZES

TOOLS: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: GRANITE, MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

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

CORE DRILL BITS

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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE, PORCELAIN/TILE, ULTRA-COMPACT

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
CDBS512	5 1/2"	5/8" - 11 thread	3"	1,600
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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE

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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: ENGINEERED STONE, GRANITE, QUARTZITE

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
	STONE HARD / SOFT	STONE HARD / SOFT
3/16"	3,200 - 6,500	2,000 - 2,500
1/4"	3,200 - 6,500	2,000 - 2,500
5/16"	3,200 - 6,500	2,000 - 2,500
3/8"	3,200 - 6,500	2,000 - 2,500
1/2"	3,200 - 6,500	2,000 - 2,500
5/8"	3,200 - 6,500	2,000 - 2,500
3/4"	3,200 - 6,500	2,000 - 3,200
1"	3,200 - 6,500	2,000 - 3,200
1 1/8"	4,800 - 6,500	2,000 - 3,200
1 1/4"	4,800 - 6,500	2,000 - 3,200
1 3/8"	4,800 - 6,500	2,000 - 3,200
1 1/2"	4,800 - 6,500	2,000 - 3,200
1 5/8"	4,800 - 6,500	2,000 - 3,200
1 3/4"	4,500 - 5,300	2,200 - 2,700
2"	4,500 - 5,300	2,200 - 2,700
2 1/4"	3,700 - 4,200	1,800 - 2,100
2 3/8"	3,700 - 4,200	1,800 - 2,100
2 1/2"	3,700 - 4,200	1,800 - 2,100
2 3/4"	3,000 - 3,600	1,600 - 1,800
3"	2,700 - 3,000	1,400 - 1,600
3 1/2"	2,400 - 2,700	1,200 - 1,400
4"	2,100 - 2,400	1,100 - 1,200
4 1/2"	1,800 - 2,000	900 - 1,000
5"	1,700 - 1,800	800 - 900
6"	1,300 - 1,400	700

Not applicable for vacuum brazed core bits (CDBM)



CYCLONE S QZT CORE BIT

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





ULTRA-COMPACT HIGHLIGHTS



PG 26, 27

CYCLONE ULTRA BIT

Fast and clean. Wet or dry.



PG 64

CYCLONE ULTRA MESH TURBO BLADE

Fast and clean cuts. Optimal cooling.



PG 41

CYCLONE ULTRA CUP WHEEL

Chip free grinds. Light weight.



PG 22

CYCLONE ULTRA WET / DRY POLISHING

Great flexibility for tight radius work.

ULTRA-COMPACT HIGHLIGHTS



PG 52

CYCLONE ULTRA CNC CORE BIT

Long life. No blow outs.



PG 53

CYCLONE ULTRA CNC FINGER BIT

Fast and clean milling.



PG 56

CYCLONE ULTRA INCREMENTAL BIT

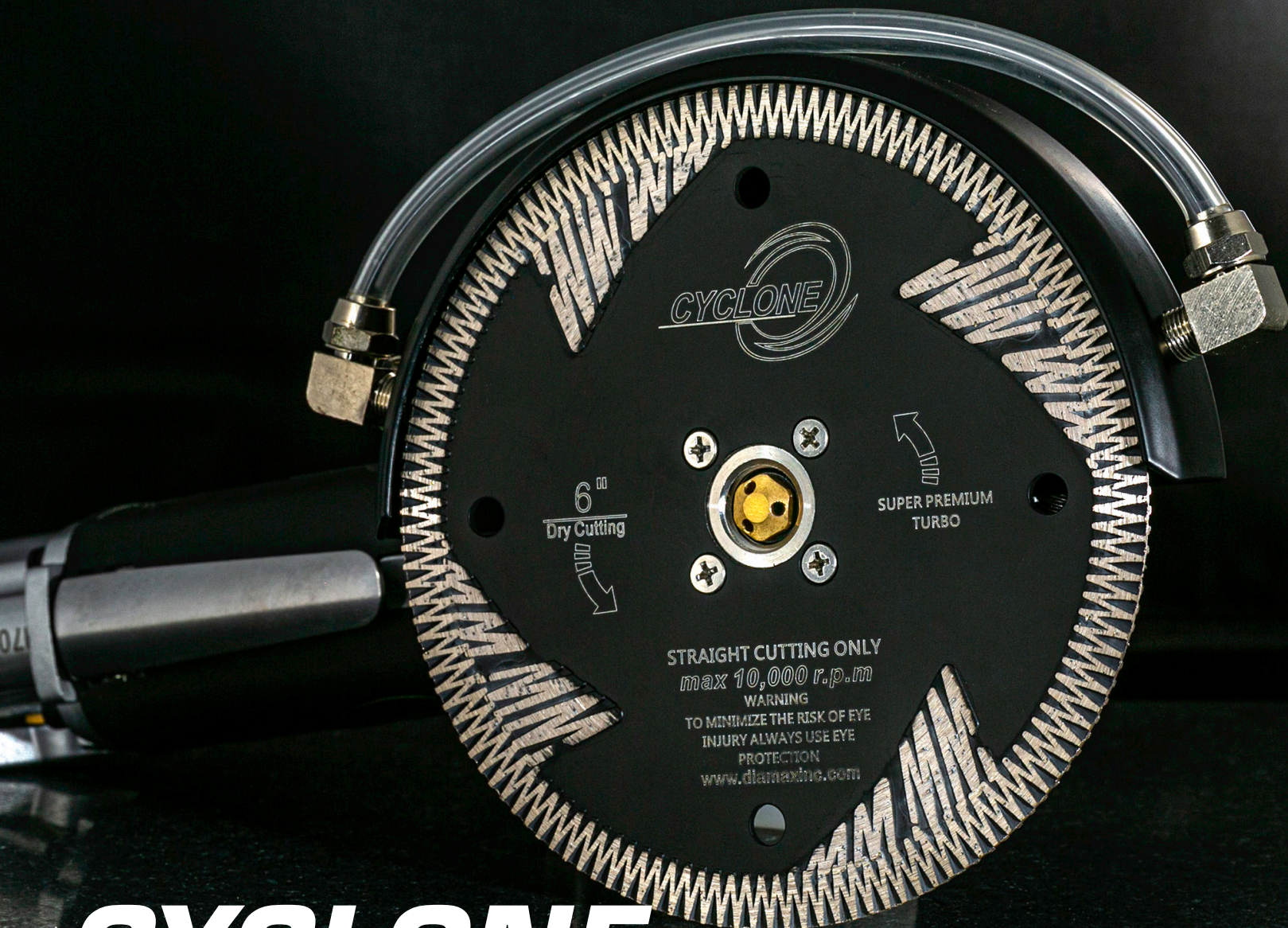
Sink cut-outs. Fast speeds, tight corners.



PG 2

CYCLONE ULTRA BLADE

Donatoni and Denver ready. Straight or miter.



CYCLONE PNEUMATIC AIR GRINDER

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

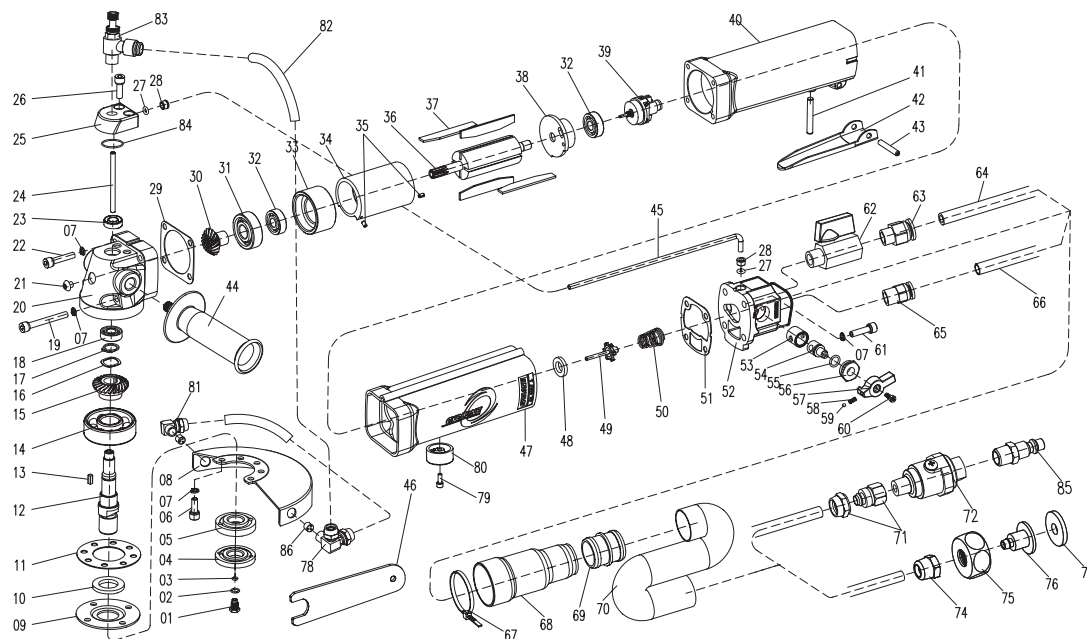
10,000 rpms





CYCLONE PNEUMATIC AIR GRINDER

ITEM #	RPMS
MVG60	10,000



PARTS #	DESCRIPTION	QTY	PARTS #	DESCRIPTION	QTY	PARTS #	DESCRIPTION	QTY	PARTS #	DESCRIPTION	QTY
MVGAC01	Nozzle	1	MVGAC24	Inner pipe	1	MVGAC45	Water pipe	1	MVGAC68	Exhaust cover	1
MVGAC02	O-Ring [01.5x7]	1	MVGAC25	Pipe-joint assembly	1	MVGAC46	Wrench	1	MVGAC69	Connector	1
MVGAC03	O-Ring (02x3)	1	MVGAC26	Screw (M5X16)	2	MVGAC47	Body cover	1	MVGAC70	Exhaust hose	1
MVGAC04	The outer plate	1	MVGAC27	O-Ring (01.9X3.4)	2	MVGAC48	Valve seat	1	MVGAC71	Fast twist joint (PCF12-02)	1
MVGAC05	The inner plate	1	MVGAC28	Pipe bush	2	MVGAC49	Valve	1	MVGAC72	Oil spray	1
MVGAC06	Screw (M5X12)	4	MVGAC29	Gasket	1	MVGAC50	Valve spring	1	MVGAC74	Nut	1
MVGAC07	Washer	12	MVGAC30	Spiral bevel pinion (16T)	1	MVGAC51	Gasket	1	MVGAC75	Nut	1
MVGAC08	Disc Cover	1	MVGAC31	Bearing	1	MVGAC52	End case	1	MVGAC76	Connector	1
MVGAC09	Retainer	1	MVGAC32	Bearing	2	MVGAC53	Valve bush	1	MVGAC77	Bushing	1
MVGAC10	Felt Seal	1	MVGAC33	Front breaing case	1	MVGAC54	Water valve	1	MVGAC78	Tee joint	1
MVGAC11	Gasket	1	MVGAC34	Cylinder	1	MVGAC55	O-Ring (01.5X8)	1	MVGAC79	Screw (M4x12)	1
MVGAC12	Gear shaft (5/8-11)	1	MVGAC35	Spring pin (0.25X5)	2	MVGAC56	Nut	1	MVGAC80	Exhaust knob	1
MVGAC13	Key	1	MVGAC36	Rotor	1	MVGAC57	Valve lever	1	MVGAC81	Joint KLL8-01	1
MVGAC14	Bearing	1	MVGAC37	Vane	4	MVGAC58	Spring	1	MVGAC82	Water hose	2
MVGAC15	Bevel gear (23T)	1	MVGAC38	Rear bearing case	1	MVGAC59	Ball bearing (03)	1	MVGAC83	Throttle valve	1
MVGAC16	Wave washer (012)	1	MVGAC39	Governor	1	MVGAC60	Screw (M3x8)	1	MVGAC84	O-Ring (01.0x14)	1
MVGAC17	Snap ring (012)	1	MVGAC40	Motor housing	1	MVGAC61	Screw (M5x20)	4	MVGAC85	Quick coupling	1
MVGAC18	Bearing	1	MVGAC41	Valve pin (05x35)	1	MVGAC62	Ball valve	1	MVGAC86	Plug	2
MVGAC19	Screw (M5X50)	2	MVGAC42	Throttle lever	1	MVGAC63	Hose joint (PC12-2)	1			
MVGAC20	Angle head	1	MVGAC43	Roll pin (04X22)	1	MVGAC64	Air pipe	1			
MVGAC21	Screw (M6x5)	1	MVGAC44	Grip	1	MVGAC65	Hose joint (PC8-01)	1			
MVGAC22	Screw (M5x25)	2				MVGAC66	Water hose	1			
MVGAC23	Oil seal (TC8X15X5)	1				MVGAC67	Clamp	1			



CYCLONE MVP PNEUMATIC AIR POLISHER

First air polisher
to be completely
assembled by hand

Will not lose power
even when pushing
hard on stone

60 day warranty from
date of purchase

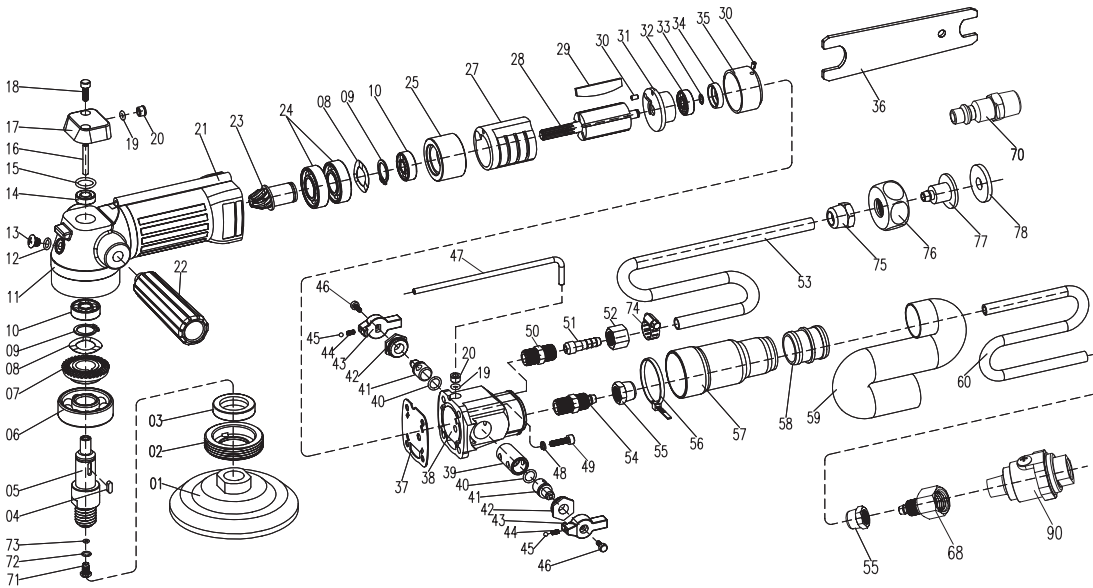
Automatic oil
injection system

Recommended RPM
4,500, Max RPM 5,500



CYCLONE MVP PNEUMATIC AIR POLISHER

ITEM #	MAX RPMS
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	1
MVPACC07	Bevel gear	1	MVPACC25	Front bearing case	1	MVPACC44	Spring	2		Nut	
MVPACC08	Wave washer	2	MVPACC27	Cylinder	1	MVPACC45	Ball bearing	2	MVPACC70	Quick coupling	1
MVPACC09	Snap ring	2	MVPACC28	Rotor	1	MVPACC46	Screw (M3x8)	2	MVPACC71	Nozzle	1
MVPACC10	Bearing	2	MVPACC29	Vane	5	MVPACC47	Water pipe	1	MVPACC72	O-Ring	1
MVPACC11	Motor housing	1	MVPACC30	Spring pin	2	MVPACC48	Washer	4	MVPACC73	O-Ring	1
MVPACC12	O-ring	2	MVPACC31	Rear bearing case	1	MVPACC49	Screw (M4x16)	4	MVPACC74	Pipe hoop	1
MVPACC13	Screw (M6x5)	2	MVPACC32	Bearing	1	MVPACC50	Water hose joint	1	MVPACC75	Nut	1
MVPACC14	Oil seal	1	MVPACC33	Retaining ring	1	MVPACC51	Water hose nipple	1	MVPACC76	Nut	1
MVPACC15	O-Ring	1	MVPACC34	Bearing cap	1	MVPACC52	Nut	1	MVPACC77	Connector	1
MVPACC16	Inner pipe	1	MVPACC35	Air inlet case	1	MVPACC53	Water hose	1	MVPACC78	Bushing	1
MVPACC17	Pipe-joint asseby	1	MVPACC36	Wrench	1	MVPACC54	Air-hose joint	1	MVPACC90	Oil Spray	1
MVPACC18	Screw (M4x12)	2	MVPACC37	Body packing	1	MVPACC55	Nut	2			



HURRICANE AIR POLISHER

Side exhaust - Specially designed to be 20% lighter than a rear exhaust, the Hurricane Air Polisher is ready for your toughest polishing projects.

ITEM #	RPM	AIR PRESSURE / CONSUMPTION	MAX PAD DIAMETER
HAP45	4,500	16 CFM @ 90 PSI	5"





ROCKBUSTER

Eliminate dust...
with the RockBuster
resin cup wheel!

NEW radius edge
designed to replicate the
most common shape

New rubber body
eliminates vibration

Diamax created a tool
that can get rid of silicon
carbide grinding wheels

10mm radius allows usage
for tight sink radius work



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



GRINDERS/SHAPERS

SUPER CYCLONE MULTI CUTTER



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

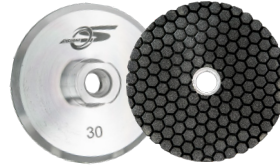
Cuts clean miters

TOOLS: ANGLE GRINDER, AIR POLISHER

MATERIALS: MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

ITEM #	SIZE	GRIT	FITTING	MAX RPM
EMC50	5"	Medium 50/60	5/8" - 11 thread	15,000
EMC60	6"	Medium 50/60	5/8" - 11 thread	15,000

CYCLONE S RESIN CUP WHEEL



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

TOOLS: ANGLE GRINDER, AIR POLISHER

MATERIALS: CONCRETE, ENGINEERED STONE, GRANITE, MARBLE, ULTRA-COMPACT

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 ROCKBUSTER

Gets rid of silicon carbide grinding wheels

NEW radius edge designed to replicate the most common shape

New rubber body eliminates vibration

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: ANGLE GRINDER, AIR POLISHER

MATERIALS: CONCRETE, ENGINEERED STONE, GRANITE, MARBLE, ULTRA-COMPACT

ITEM #	SIZE	GRIT	FITTING BODY	RPM
PDRX4030	4"	30	5/8" - 11 thread, rubber	5,000
PDRX4050	4"	50	5/8" - 11 thread, rubber	5,000
PDRX4100	4"	100	5/8" - 11 thread, rubber	5,000
PDRX4200	4"	200	5/8" - 11 thread, rubber	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

TOOLS: ANGLE GRINDER, AIR POLISHER

MATERIALS: ENGINEERED STONE, GRANITE, ULTRA-COMPACT, QUARTZITE

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

TOOLS: ANGLE GRINDER, AIR POLISHER

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

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

TOOLS: ANGLE GRINDER, AIR POLISHER

MATERIALS: CONCRETE, ENGINEERED STONE, GRANITE

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: ANGLE GRINDER

MATERIALS: CONCRETE, ENGINEERED STONE, GRANITE

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

GRINDERS/SHAPERS

HURRICANE CUP WHEEL



Balanced to eliminate vibration and chipping when shaping

Aggressive design with thick turbo segments and diamond content

TOOLS: ANGLE GRINDER, AIR POLISHER

MATERIALS: CONCRETE, ENGINEERED STONE, GRANITE

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

DIAMOND CONE



Perfect tool for expanding small holes

Premium diamond leaves a smooth hole

1/4" tip to 1 3/8" diameter

Great for UCS and small tile

Braided diamond so the tool never loses original shape

TOOLS: ANGLE GRINDER, AIR POLISHER

MATERIALS: GRANITE, PORCELAIN/TILE, ULTRA-COMPACT

ITEM #	SIZE	GRIT	FITTING	MAX RPM
CDC100	1/4" tip to 1 3/8" diameter	Fine 100	5/8"- 11	3,000-4,000

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: ANGLE GRINDER, AIR POLISHER

MATERIALS: ENGINEERED STONE, GRANITE, PORCELAIN/TILE, ULTRA-COMPACT

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
BGC512	5"	Fine 100	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: ANGLE GRINDER, AIR POLISHER

MATERIALS: ENGINEERED STONE, GRANITE, PORCELAIN/TILE, ULTRA-COMPACT

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

**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 you nearest distributor.



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

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: PNEUMATIC MACHINE

MATERIALS: ENGINEERED STONE, GRANITE

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

TOOLS: PNEUMATIC MACHINE

MATERIALS: ENGINEERED STONE, GRANITE

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



SRWC3NR



SRWC1158



SRWC1NR

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: PNEUMATIC MACHINE, AIR POLISHER

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, ULTRA-COMPACT

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



SRVB2034



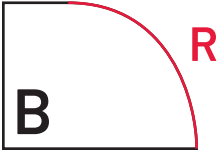
SRVB2038

GRINDERS/SHAPERS

CYCLONE ROUTER BIT SERIES

TOOLS: ROUTER
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

CYCLONE DEMI BULL ROUTER BIT



CYCLONE FULL 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

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



CYCLONE BEVEL 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

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

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

ITEM #	SIZE	DESCRIPTION	BEARING
RDBB	30 mm - 50 mm	Double bevel breaker bit	BCDEOG

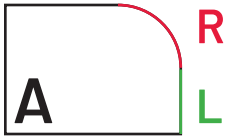
GRINDERS/SHAPERS

HURRICANE ROUTER BIT SERIES

TOOLS: ROUTER

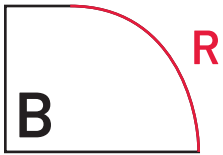
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

HURRICANE HALF BULL ROUTER



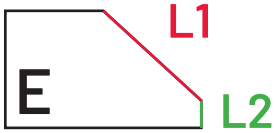
ITEM #	SIZE	SHAPE	POS.	OUTER DIAMETER	RADIUS/LENGTH	BEARING #
RHHB20Z	20 mm	A	0	65	R = 10, L = 10	BHHALF
RHHB20C	20 mm	A	1	65	R = 10, L = 10	BHHALF
RHHB30Z	30 mm	A	0	75	R = 15, L = 15	BHHALF
RHHB30C	30 mm	A	1	75	R = 15, L = 15	BHHALF
RHHB30M	30 mm	A	2	75	R = 15, L = 15	BHHALF
RHHB30F	30 mm	A	3	75	R = 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

GRINDERS/SHAPERS

HURRICANE ROUTER BIT SERIES

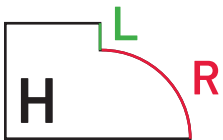
TOOLS: ROUTER
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

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



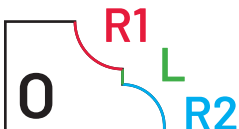
ITEM #	SIZE	SHAPE	POS.	OUTER DIAMETER	RADIUS/LENGTH	BEARING #
RHH20Z	20 mm	H	0	70	R = 15, L = 5	BHDEOG
RHH20C	20 mm	H	1	70	R = 15, L = 5	BHDEOG
RHH30Z	20 mm	H	0	70	R = 15, L = 5	BHDEOG
RHH30C	30 mm	H	1	70	R = 15, L = 5	BHDEOG

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

GRINDERS/SHAPERS

HURRICANE ROUTER BIT SERIES

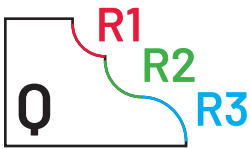
TOOLS: ROUTER
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

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

HURRICANE COVE/OGEE ROUTER



ITEM #	SIZE	SHAPE	POS.	OUTER DIAMETER	RADIUS	BEARING #
RHC030Z	30 mm	Q	0	100	R1 = R2 = R3 = 11.5	BHDE0G
RHC030C	30 mm	Q	1	100	R1 = R2 = R3 = 11.5	BHDE0G
RHC030F	30 mm	Q	3	100	R1 = R2 = R3 = 11.5	BHDE0G

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: ANGLE GRINDER, AIR POLISHER

MATERIALS: CONCRETE, ENGINEERED STONE, GRANITE

ITEM #	SIZE	BODY	GRIT	FITTING	RPM
SCR64	4"	Fiberglass	Medium 50	5/8"- 11	15,300
SCR65	5"	Fiberglass	Medium 50	5/8"- 11	12,200
SCR65C	5"	Fiberglass	Coarse 30	5/8"- 11	12,200
SCR65F	5"	Fiberglass	Fine 100	5/8"- 11	12,200
SCR66	6"	Fiberglass	Medium 50	5/8"- 11	10,000
SCR67	7"	Fiberglass	Medium 50	5/8"- 11	5,500
SCR65MB	5"	Steel	Medium 50	5/8"- 11	12,200
SCR66MB	6"	Steel	Medium 50	5/8"- 11	10,000
SCR67MB	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: ANGLE GRINDER

MATERIALS: CONCRETE

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

First finger bits to come
with a bottom segment

Get 700 holes from the
Cyclone S CNC core bit

Extra strong welds lock
segments into place



CNC TOOLING

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: CNC MACHINE

MATERIALS: ENGINEERED STONE, GRANITE, PORCELAIN/TILE, ULTRA-COMPACT

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 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: CNC MACHINE

MATERIALS: ENGINEERED STONE, GRANITE

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, <i>reverse</i>	2 1/2"	1,250
CDBHTW112	1 1/2"	1/2 gas male	2 1/2"	1,250

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: CNC MACHINE

MATERIALS: ENGINEERED STONE, GRANITE

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
CDBYHR183	1 1/2"	1/2 gas male, <i>reverse</i>	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, <i>reverse</i>	3"	2300
CDBYH200	2"	1/2 gas male	3"	2300

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: CNC MACHINE
MATERIALS: ENGINEERED STONE, GRANITE, PORCELAIN/TILE, ULTRA-COMPACT

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: CNC MACHINE
MATERIALS: ENGINEERED STONE, GRANITE

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: CNC MACHINE

MATERIALS: ENGINEERED STONE, GRANITE

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 COMBO FINGER BIT



Faster incremental cutting with larger bottom segment

Up to 3/8" stock removal per pass

Overall cutting time shorter by 60%

Fastest cutting finger bit for 5 axis saws

TOOLS: CNC MACHINE

MATERIALS: ENGINEERED STONE, GRANITE

ITEM #	SEGMENT SIZE	SEGMENT	FITTING	MAX RPM	FEED RATE
FBCC158	1 5/8" x 22 mm segment length 40mm	8 twin w/ bottom non-core	1/2"gas	4,500-5,200	12'-17"/min

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



FBSTIP-M (mandrel)

TOOLS: CNC MACHINE
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

MANDRELS			
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



Soft Bond

FBSTIP



Hard Bond

FBSTIP-S



Hard Bond

FBSTIP-T



Hard Bond

FBSTIP-RT

ITEM #	SIZE	FITTING	USABLE LENGTH	BOND	RPM	FEED RATE
FBSTIP	20 mm	M12	20 mm	Soft	4,000	30 - 40 IPM
FBSTIP-S	20 mm	M12	22 mm	Hard	4,000	30 - 40 IPM
FBSTIP-T	20 mm	M12	15 mm	Hard	4,000	30 - 40 IPM
FBSTIP-RT	20 mm	M12 reverse thread	22 mm	Hard	5,500	30 - 40 IPM

CYCLONE ULTRA INCREMENTAL BIT



TOOLS: CNC MACHINE
MATERIALS: PORCELAIN/TILE, ULTRA-COMPACT

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

ITEM #	DIAMETER	USABLE LENGTH	FITTING	BOND	RPM
FBTU08RT	8 mm	15 mm	Reverse 1/2 gas	Medium	4,200
FBTU10RT	10 mm	15 mm	Reverse 1/2 gas	Medium	4,200
FBTU0815	8 mm	15 mm	1/2 gas	Medium	4,200
FBTU1015	10 mm	15 mm	1/2 gas	Medium	4,200

MANDRELS

ITEM #	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
FBSM35	Super Cyclone Mandrel Thread (short)	M12 female - 1/2 gas male
FBSM-RT25	Cyclone mandrel with reverse thread, 25 mm length	M12 female - 1/2 gas male



FBSM-RT25 (mandrel)

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: CNC MACHINE
MATERIALS: ENGINEERED STONE, GRANITE

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

110" / MIN @ 5MM removal per pass

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: CNC MACHINE
MATERIALS: ENGINEERED STONE, GRANITE

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

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



AUTO MACHINE TOOLING

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: AUTO-EDGE MACHINE
MATERIALS: ENGINEERED STONE, GRANITE

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: AUTO-EDGE MACHINE
MATERIALS: ENGINEERED STONE, GRANITE

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



New Cyclone S Hybrid Wheel 15 mm thickness



Old Cyclone S Hybrid Wheel

TOOLS: AUTO-EDGE MACHINE

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, QUARTZITE

GRIT	5"	6"	FITTING	RPM
60	CSH50060	CSH60060	Snail lock	
120	CSH50120	CSH60120	Snail lock	
220	CSH50220	CSH60220	Snail lock	
400	CSH50400	CSH60400	Snail lock	
800	CSH50800	CSH60800	Snail lock	Reference your machine specifications
1,800	CSH51800	CSH61800	Snail lock	
3,500	CSH53500	CSH63500	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.

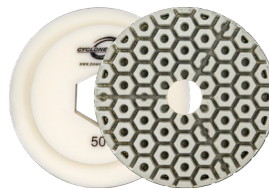
TOOLS: AUTO-EDGE MACHINE

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, QUARTZITE

GRIT	4"	5"	FITTING
50	SEW40050	SEW50050	Snail lock
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
3,000	SEW43000	SEW53000	Snail lock
Black buff	SEW4BB	SEW5BB	Snail lock

OPERATING PARAMETERS: Start at 40-60 cm/min for granite. Find suitable speed according to stone material. 40-60 cm/min for profile polishing on engineered stone. 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: AUTO-EDGE MACHINE

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE

GRIT	4"	FITTING
50	SEWR40050	Snail lock
100	SEWR40100	Snail lock
200	SEWR40200	Snail lock
400	SEWR40400	Snail lock
800	SEWR40800	Snail lock
1,500	SEWR41500	Snail lock
3,000	SEWR43000	Snail lock
White buff	SEWR4W	Snail lock

OPERATING PARAMETERS: Start at 40-60 cm/min for granite. Find suitable speed according to stone material. 40-60 cm/min for profile polishing on engineered stone. Water: 50 liter/min.

CYCLONE S WHEELS SUGGESTED PARAMETERS

BRETON EASYEDGE V 7S **STRAIGHT EDGE**

Cyclone S Straight Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 1.75 – 2 BAR
Speed: 35-45 CM/MIN

BRETON PLATINUM EDGE V 7S **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 1.75 – 2 BAR
Speed: 35-40 CM/MIN

COMANDULLI OMEGA 60 **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 2.5 – 3.0 BAR
Speed: 20-25 CM/MIN

COMANDULLI OMEGA 100 **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 2.5 – 3.0 BAR
Speed: 25-35 CM/MIN

COMANDULLI PENTA **STRAIGHT EDGE**

Cyclone S Straight Edge
Grits: 220, 400, 800, 1800, 3500
Pressure: 2.6 – 3.0 BAR
Speed: 30-35 CM/MIN

COMANDULLI SYNTHESIS **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 2.5 – 3.0 BAR
Speed: 25-35 CM/MIN

MARMO MECCANICA LCT521 **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800
Pressure: 2.5 – 3.0 BAR
Speed: 35-45 CM/MIN

MARMO MECCANICA LCT522 **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 2.6 – 2.8 BAR
Speed: 20-25 CM/MIN

MARMO MECCANICA LCV711 **STRAIGHT EDGE**

Cyclone S Straight Edge
Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 2.6 – 3.0 BAR
Speed: 30-40 CM/MIN

MARMO MECCANICA LTV **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 2.6 – 2.8 BAR
Speed: 20-25 CM/MIN

PARK INDUSTRIES FASTBACK **STRAIGHT EDGE**

Cyclone S Straight Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 45 – 50 PSI
Speed: 13-17"/MIN

PARK INDUSTRIES VELOCITY **BULLNOSE AND STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 36 – 40 PSI
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 **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 2.6 – 2.8 BAR
Speed: 20-25 CM/MIN

MONTRESOR LARA 80 **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 2.5 – 3.0 BAR
Speed: 25-35 CM/MIN

MONTRESOR LUNA 740, LUNA 780 AND LUNA 880 **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 2.6 – 2.8 BAR
Speed: 20-25 CM/MIN

SASSO MECCANICA FLYING BULL **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 120, 220, 400, 800, 1800, 3500
Pressure: 4.0 – 4.2 BAR
Speed: 30-35 CM/MIN

SASSO MECCANICA FLYING FLAT **STRAIGHT EDGE**

Cyclone S Straight Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 4.0 – 4.2 BAR
Speed: 35-40 CM/MIN

SASSO MECCANICA TE EXPERIENCE **BULLNOSE & STRAIGHT EDGE**

Cyclone S Hybrid Straight & Profile Edge
Grits: 60, 120, 220, 400, 800, 1800, 3500
Pressure: 4.0 – 4.2 BAR
Speed: 30-35 CM/MIN

AUTO MACHINE TOOLING

CYCLONE COPPER EDGE WHEEL

Save your resin wheel! Transition bond from bridge saw to resin

Increases polish speed by 40%

Aggressive copper hybrid bond easily trues out imperfect edges

Faster and longer lasting at over 10k linear feet @ 65"/min +

TOOLS: AUTO-EDGE MACHINE

MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, QUARTZITE

GRIT	5" ITEM #	6" ITEM #	FEED RATE	PRESSURE
30	CHW50030	CHW60030	65"/min	38 psi
50	CHW50050	CHW60050	65"/min	38 psi
100	CHW50100	CHW60100	65"/min	24 psi
200	CHW50200	CHW60200	65"/min	24 psi
400	CHW50400	CHW60400	65"/min	20 psi
800	CHW50800	CHW60800	65"/min	20 psi
1500	CHW51500	CHW61500	65"/min	20 psi
3000	CHW53000	CHW63000	65"/min	20 psi



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

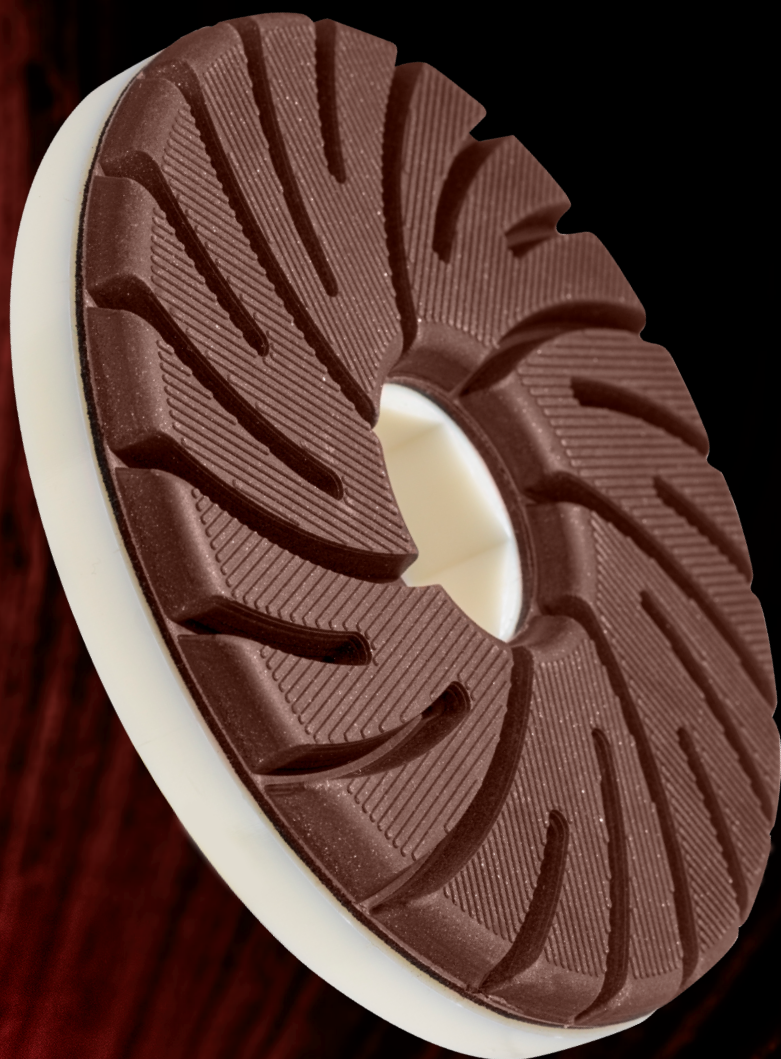
For RPM please consult your machine technical specs

TOOLS: AUTO-EDGE MACHINE

MATERIALS: ENGINEERED STONE, GRANITE

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





CYCLONE COPPER EDGE WHEEL

Save your resin wheel!
Transition bond from
bridge saw to resin

Aggressive copper
hybrid bond easily trues
out imperfect edges

Increases polish
speed by 40%

Faster and longer
lasting at over 10k linear
feet @ 65"/min +



TILE & GLASS



KEY FEATURES

Innovative tools for your
tile needs

Cyclone mesh turbo never
gets hot when dry cutting

First ever dry porcelain
drill bit





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: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE,
PORCELAIN/TILE, QUARTZITE, ULTRA-COMPACT

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" + DK0, reinforced hub	8,600
CUTB10	10"	1" + 5/8" + 7/8", reinforced hub	6,100



TILE & GLASS

CYCLONE ULTRA CORE BIT



NEW SIZES

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

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: PNEUMATIC MACHINE, DRILL, AIR POLISHER
MATERIALS: GRANITE, MARBLE, PORCELAIN/TILE, QUARTZITE, ULTRA-COMPACT

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

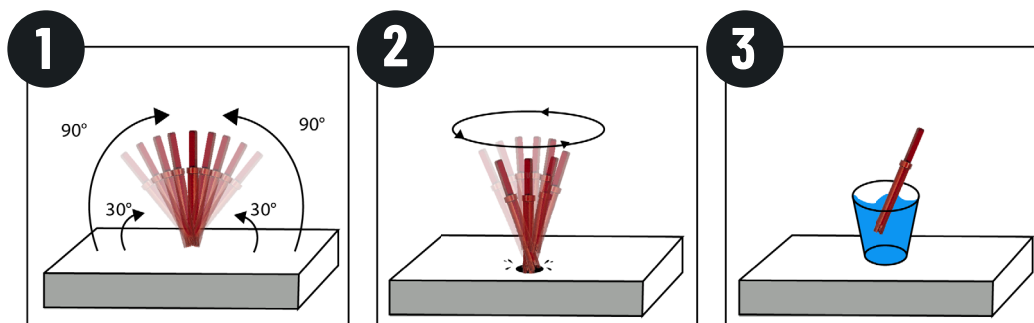
ITEM #	SIZE	FITTING	USABLE LENGTH	MAX RPM	BOND
CUDB014	1/4"	5/8" - 11	2"	5,000	Medium
CUDB516	5/16"	5/8" - 11	2"	5,000	Medium
CUDB038	3/8"	5/8" - 11	2.75"	5,000	Medium
CUDB012	1/2"	5/8" - 11	2.75"	5,000	Medium
CUDB058	5/8"	5/8" - 11	2.75"	5,000	Medium
CUDB034	3/4"	5/8" - 11	2.75"	5,000	Medium

TOOLS: PNEUMATIC MACHINE
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

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



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

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

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

TILE & GLASS

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: ANGLE GRINDER, HAND SAW
MATERIALS: PORCELAIN/TILE, ULTRA-COMPACT

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



IMPROVED

New reinforced Hub!

Most versatile blade that cuts granite, marble, porcelain, and ceramic tile

Also used widely in counter top fabrication for granite, engineered stone and marble

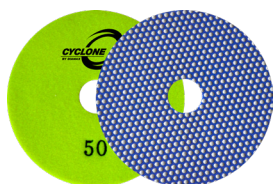
Ideal for cleaning seams and preparing material for miter joints

Slotted for more aggressive cutting with minimal chipping

TOOLS: ANGLE GRINDER, HAND SAW
MATERIALS: ENGINEERED STONE, GRANITE, MARBLE, PORCELAIN/TILE, ULTRA-COMPACT

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 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: ANGLE GRINDER, AIR POLISHER
MATERIALS: GRANITE, MARBLE, PORCELAIN/TILE, QUARTZITE, ULTRA-COMPACT

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

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: ANGLE GRINDER, HAND SAW
MATERIALS: GLASS

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

ACCESSORIES

ADAPTERS



CNCADP



CBADPTR



BA4H

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

APRON



ITEM #	DESCRIPTION
APRON	Cyclone waterproof apron

Waterproof design

Vinyl material

One size only

CYCLONE BACKER PADS

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"

TOOLS: ANGLE GRINDER, AIR POLISHER

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



3" RUBBER BACKER



4" RUBBER BACKER



5" RUBBER BACKER



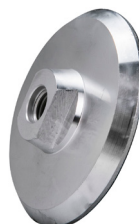
BPC40



BPT40



BPP40



BPA40


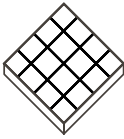


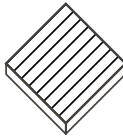
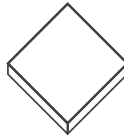
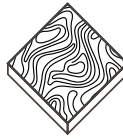

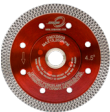








BPSL40T



SNAIL LOCK BACKER

TURBO BLADES

<div> <div>BEST ★★★</div> <div>BETTER ★★</div> <div>GOOD ★</div> </div>		 PORCELAIN /TILE	 ENGINEERED STONE	 GRANITE	 QUARTZITE	 ULTRA-COMPACT	 GLASS	 MARBLE
	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		★★	★★★★	★★			

TROUBLESHOOTING

BLADE

Blade worn out of round: 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: 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: 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: 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: The bond is too hard for the material being cut

Remedy: Use a blade with a softer bond

Blade wobbles: 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: 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: 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: 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

Disk has short life during polishing: RPMs are too high

Remedy: Polish dry at constant 2000 RPM & wet at 3000 RPM (Dryflex 5: Polish wet or dry at constant 4000 RPM)

Disk burns the stone: RPMs too high during polishing

Remedy: Polish wet or dry at constant 4000 RPM

Disk leaves a dull finish: 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: Disk is new and used too aggressively

Remedy: Polish flat edges first before complex edges

Tread comes apart: Polishing over sharp corners

Remedy: Grind down or avoid polishing sharp corners

Velcro comes apart: 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: Velcro on backer pad and or on disks is exhausted Remedy: Replace with new backer pad and/or replace with new polishing disk

Disk bleeds and or burns the stone: RPMs too high during polishing

Remedy: Polish dry at constant 2500 RPM and wet polish at 3000 RPM

Disk does not polish: Not enough diamond contact on stone surface

Remedy: Expose more diamonds in resin with a dressing stone

Resin bleeds on stone surface: Not enough water supply used during polishing

Remedy: Increase water disbursement out of machine

WET POLISHING DISK

Disk does not polish: Not enough diamond contact on stone surface

Remedy: Expose more diamond contact from resin with a dressing stone

TROUBLESHOOTING

Disk has short polish life: 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: 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: 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

Segment Loss: 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": 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: 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

Cyclone V1 – Not cutting or grinding but still can see diamonds: Vacuum

braised 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: Vacuum braised 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: Stock removing in a constant position

Remedy: Osculate wheel up and down for even wear on wheel

Wheel vibrating/bouncing on stone: 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: Stone dust hindering the sinter

Remedy: Change to coarser grit or redress tool with a dress stone

Wheel removing stock too aggressively: Grit being used is too aggressive

Remedy: Change to finer grit

Cyclone Zero Tolerance Wheels – Uneven groove like wear in wheel: Stock removing in a constant position

Remedy: Osculate wheel up and down for even wear on wheel

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: 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: Finger constantly being used in the same place

Remedy: Osculate bit up & down for even wear

Finger bit wearing in the middle: Finger constantly being used in the same place

Remedy: Osculate bit up and down for bit to wear evenly

Finger bit breaking: 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: 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: RPM is too fast on stone

Remedy: Spin at recommended RPM

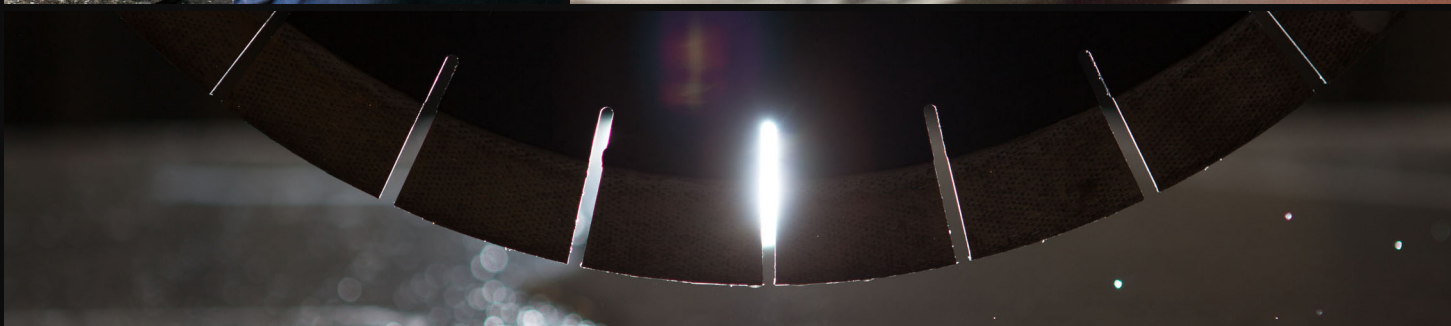
Router bit is getting uneven grooves inside: More edge prepping needed before Pos. 1

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: Our snail lock cup wheels are designed for beveling and bull nosing Remedy Use an appropriate tool for straight edge polishing

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