DIAMAX

CYCLONE ULTRA

14"
10mm

DEKTON
SINTERED
ULTRA-COMPACT

DIAMAXINC.COM

2023 V1

DIAMOND ABRASIVES FOR PORCELAIN PANEL & ULTRA COMPACT PRODUCTS

Cyclone Ultra Blade

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

NEW

Donatoni & Denver Pin holes standard

16" DEKTON SINTERED ULTRA COMPACT

diamaxinc.com

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

*Suggested feed rates.

Super Cyclone Electroplated Blade

- Thick enough for quad adapters
- Cuts engineered glass composite materials
- Side protection ensures a clean 90° cut
- GE grade diamonds provide cleanest cut on porcelain

SUPER CYCLONE
www.diamaxinc.com
WARNING
EYE PROTECTION SHOULD ALWAYS BE WORN WHEN USING THIS PRODUCTION TO MINIMIZE THE RISK OF INJURY
MAX 12,000 R.P.M
5"

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" + DK0	8,730
EMBSL7Q	7"	5/8" + 7/8" + 20 mm	8,730

Application
Marble
Porcelain panel
Ultra compact

Cyclone Electroplated Contour Blade

- Redesigned with vortex side protection for smoother cutting
- Advanced and highly secretive production process separates Cyclone electroplated products from the restv

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

Application
Marble
Porcelain panel
Ultra compact

Cyclone Ultra Turbo Blade

- 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

Item #	Size	Arbor	Max RPM
CUTB40	4"	5/8" + 7/8" + 20 mm	13,200
CUTB45	4.5"	5/8" + 7/8" + 20 mm	13.200
CUTB50	5"	5/8" + 7/8" + 20 mm	12,200
CUTB60	6"	5/8" + 7/8" + 20 mm	10,000
CUTB70	7"	5/8" + DK0	8,600
CUTB10	10"	5/8" + 7/8" + 20 mm	6,100

Application
Marble
Porcelain panel
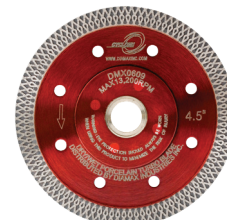Ultra compact

DEKTON
APPROVED

Cyclone Turbo Porcelain Blade

- 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

Item #	Size	Arbor	Max RPM
TBP40	4"	5/8" + 7/8" + 20 mm	13,200
TBP45	4.5"	5/8" + 7/8" + 20 mm	13.200
TBP50	5"	5/8" + 7/8" + 20 mm	12,200
TBP60	6"	5/8" + 7/8" + 20 mm	10,000
TBP70	7"	5/8" + DK0	8,600
TBP100	10"	5/8" + 7/8" + 1"	6,100
TBP120	12"	50/60 mm	6,300

TBP100

TBP50

Application
Marble
Porcelain panel
Ultra compact

GRINDERS/POLISHERS

Cyclone S RockBuster

- Gets rid of silicon carbide
- NEW radius edge designed to replicate the most common shape
- Aluminum body makes this cup wheel lightweight
- 100/200 grit work great for clean up on seams or miters and perform very well on ultra-compact materials

NEW

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

Cyclone S Resin Cup Wheel

- 30 and 50 grit are aggressive enough for rapid stock removal
- 100 and 200 grit work well for clean up on seams or miters
- Look and feel of a pad but have the performance and durability of a cup wheel
- Use wet or dry

Item #	Size	Grit	Aluminum Backer	Wet Max RPM	Dry Max RPM
PDCS4100	4"	100	5/8" - 11	7,000	4,000 - 5,000
PDCS4200	4"	200	5/8" - 11	7,000	4,000 - 5,000
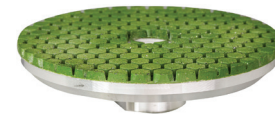
Application
Granite tile
Marble tile
Porcelain panel
Ultra compact

Cyclone Ultra Cup Wheel

- Fine diamond grit gives you chip-free grinding
- Fiberglass backing absorbs vibration to reduce chipping
- Great for prepping seam joints, miter clean up or a beveled edge profile
- Light weight design allows for use on pneumatic polishers
- Can be run wet or dry

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

Application
Granite tile
Marble tile
Porcelain panel
Ultra compact

GRINDERS/POLISHERS

Super Cyclone Multi-Cutter Grinder

- Makes clean and aggressive cuts like a sharp blade
- Versatile shaping blade which grinds fragile material well
- Cuts clean miters
- Safer side grinding alternative to regular sintered tile blades.
- Will not break under pressure
- Flush mount adapter comes standard on each blade.
- Use wet or dry
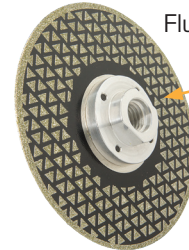
Flush mount adapter

Item #	Size	Grit	Fitting	Max RPM
EMC50	5"	Coarse	5/8" - 11	7,500

Cyclone Brazed Stock Removal Wheel

- Vacuum brazed diamonds
- Fastest tool for shaping a radius on the outside edge or remove material from a sink cut-out
- Comes with center water feed

Item #	Size	Grit	Fitting	Max RPM
SRVB2038	2" x 3/8"	Coarse 30	5/8" - 11	4,000
SRVB2034	2" x 3/4"	Coarse 30	5/8" - 11	4,000

Available in large 2" diameter

SRVB2034   SRVB2038

Cyclone Ultra Wet/Dry Polishing System

- Maximum diamond content allows these pads to polish ultra compact and porcelain tile edges very efficiently
- Great flexibility for tight radius work
- White Resin
- Wet/dry use

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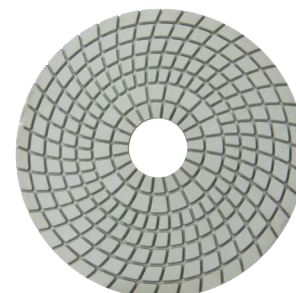
CORE BITS

Cyclone Ultra Core Bit

- Specific metal bond and diamond composition provides a fast clean hole in porcelain and ultra compact material
- Thin tapered segments prevent blow-outs when coring
- Wet or dry use

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

Application
Granite
Marble
Porcelain panel
Ultra compact

Cyclone Ultra Non Core Bit

- Designed with a special bond for large format porcelain and ultra compact material
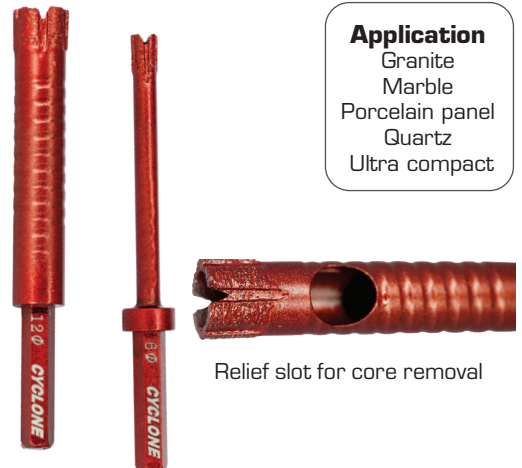- Thin tapered segments give clean cuts
- Wet or dry use

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

NEW SIZES

Application
Granite
Marble
Porcelain panel
Ultra compact

Cyclone Porcelain Tile Bit

- First ever dry bit for porcelain tile
- Sintered turbo rim for faster cuts and longer life
- Comes with hexagonal chuck

Item #	Size (mm)	Fitting	Usable Length	RPM
TDBC316	3/16" (5 mm)	Hex chuck	2.25"	1,500 - 2000
TDBC14	1/4" (6 mm)	Hex chuck	2.25"	1,500 - 2000
TDBC516	5/16" (8 mm)	Hex chuck	2.25"	1,500 - 2000
TDBC38	3/8" (10 mm)	Hex chuck	2.25"	1,500 - 2000
TDBC12	1/2" (12 mm)	Hex chuck	2.25"	1,500 - 2000

Relief slot for core removal

Application
Granite
Marble
Porcelain panel
Quartz
Ultra compact

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

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

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

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 Ultra Incremental Bit

- Specific metal bond and diamond composition provide fast and clean milling in porcelain and ultra compact material
- **Micro incremental bits** are designed for cutting at faster speeds. Used to mill tight corners and outlet holes.

Item #	Size	Usable Length	Fitting	Bond	RPM
FBTU2020	20 mm	20 mm	M12	Medium	4,200
FBTU20RT	20 mm	20 mm	M12 reversed	Medium	4,200
Micro Incremental Bits					
FBTU08RT	8 mm	15 mm	1/2 gas reversed	Medium	4,200
FBTU10RT	10 mm	15 mm	1/2 gas reversed	Medium	4,200

Mandrels	Description	Fitting
FBSTIP-M	Cyclone Mandrel with sleeve, 70 mm length	M12 female - 1/2 gas male
FBSM-RT	Cyclone mandrel reverse thread, 70 mm length	M12 female - 1/2 gas male
FBSM-RT25	Cyclone mandrel with reverse thread, 25 mm length	M12 female - 1/2 gas male