



DIAMAX

2020 v2

**DIAMOND ABRASIVES FOR PORCELAIN
PANEL & ULTRA COMPACT PRODUCTS**

BLADES

Cyclone Continuous Rim Tile Blade

- Versatile blade that cuts granite, marble, porcelain and ceramic tile
- Ideal for cleaning seams and preparing material for miter joints
- Slotted for aggressive cutting with minimal chipping

Item #	Size	Arbor	Max RPM
CSRO40	4"	5/8" + 7/8" + 20 mm	15,300
CSRO45	4.5"	5/8" + 7/8" + 20 mm	13,200
CSRO50	5"	5/8" + 7/8" + 20 mm	12,200
CSRO60	6"	5/8" + 7/8" + 20 mm	10,000
CSRO70	7"	5/8" + DKO	8,600
CSRO80	8"	5/8" + 7/8" + 20 mm	7,500
CSRO10	10"	5/8" + 7/8" + 1"	6,100
CSR120	12"	5/8" + 7/8" + 1"	6,300
CSR140	14"	5/8" + 1"	5,400

Application
Glass
Porcelain panel
Ultra compact



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

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

Application
Marble
Porcelain panel
Ultra compact

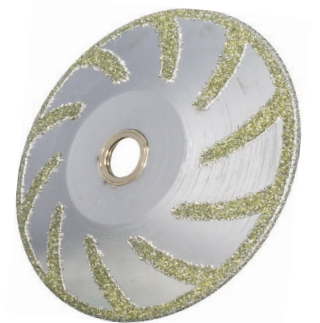


Cyclone Electroplated Contour Blade

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

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

Application
Marble
Porcelain panel
Ultra compact



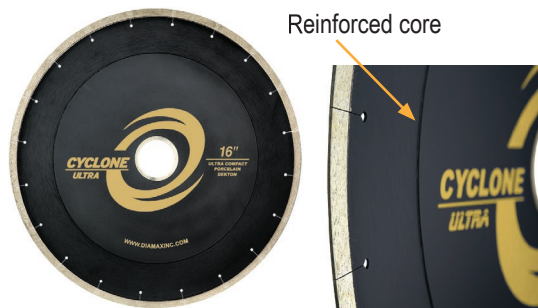
BLADES

Silent Core and Large Diameter Blades

- Designed for use on Sintered Stone and Porcelain Panels.
- New Cyclone Ultra bond & diamond concentration make cuts fast & chip free
- Ultra's new reinforced core adds stability during miter cuts

Item #	Size	Description	Arbor
Cyclone Ultra Large Diameter			
CUSB14	14"	Continuous - slot	50/60 mm
CUSB16	16"	Continuous - slot	50/60 mm

Application
Glass
Porcelain panel
Ultra compact



Material →	14"/6 mm Material	16"/6 mm Material	14"/2 cm Material	16"/2 cm Material
RPM	2,000 - 2,200	1,800 - 2,000	2,000 - 2,200	1,800 - 2,000
Feedrate	80" - 85" per min.	80" - 85" per min.	40" - 45" per min.	40" - 45" per min.
Miter Feedrate	40" - 45" per min.	40" - 45" per min.	20" - 25" per min.	20" - 25" per min.

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" + DKO	8,600
CUTB10	10"	5/8" + 7/8" + 20 mm	6,100

Application
Marble
Porcelain panel
Ultra compact



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" + DKO	8,600
TBP100	10"	5/8" + 7/8" + 1"	6,100
TBP120	12"	50/60 mm	6,300

Application
Marble
Porcelain panel
Ultra compact



GRINDERS/POLISHERS

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



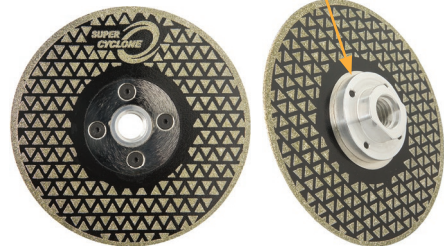
Super Cyclone Multi-Cutter Grinder

- 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

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

Application
 Glass
 Marble
 Porcelain/tile
 Ultra compact

Flush mount adapter

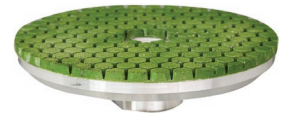


Cyclone S Resin Cup Wheel

- 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
PDCS430	4"	30	5/8" - 11	7,000	4,000 - 5,000
PDCS450	4"	50	5/8" - 11	7,000	4,000 - 5,000
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



GRINDERS/POLISHERS

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



Application

E.S. tile
Granite tile
Marble tile
Ultra compact



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

Application

Engineered stone
Granite
Marble
Porcelain tile
Quartzite
Ultra compact



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
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
CUDB200	2"	5/8" - 11	2.25"	5,000

Application

Granite
Marble
Porcelain panel
Ultra compact



Tapered segment

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

Application

Granite
Marble
Porcelain panel
Ultra compact



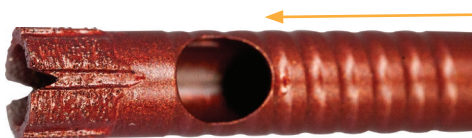
Cyclone Porcelain Tile Bit

- 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

Application

Granite
Marble
Porcelain panel
Quartz
Ultra compact



Relief slot for core removal

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

Application
Granite
Marble
Porcelain pane
Ultra compact



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

Application
Granite
Marble
Porcelain panel
Ultra compact



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
FBSM-RT	Cyclone mandrel reverse thread, 70 mm	M12 female - 1/2 gas male
FBSM-RT25	Cyclone mandrel with reverse thread, 25 mm	M12 female - 1/2 gas male

Application
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Marble
Porcelain panel
Ultra compact





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