

DIAMAX

**CYCLONE
ULTRA**

**14"
10mm**

**DEKTON
SINTERED
ULTRA-
COMPACT**

DIAMAXINC.COM

2024

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

BLADES

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 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

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
EMBSL7Q	7"	5/8" - 7/8" - 20 mm	8,730

* Comes with DKO and 4 holes

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

BLADES

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



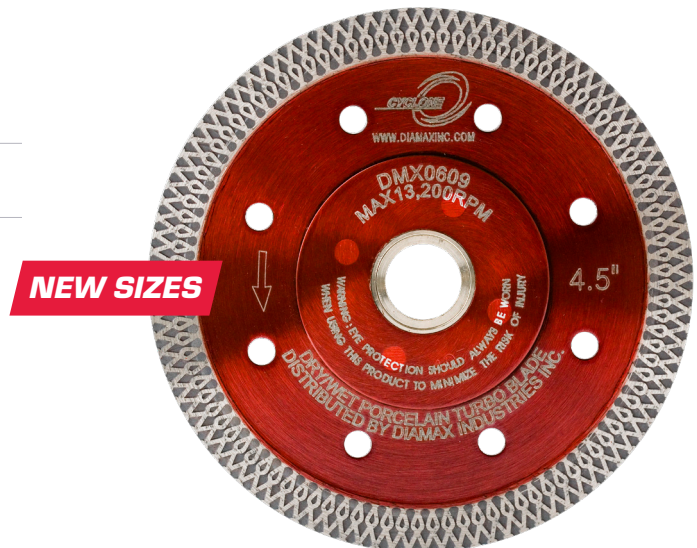
CYCLONE PORCELAIN TURBO BLADE

- 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
TBP35	3.5"	5/8"- 7/8", 5/8"- 11" flange	14,000
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"- DK0, reinforced hub	8,600
TBP70	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



NEW SIZES

GRINDERS/POLISHERS

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

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		WET MAX RPM	DRY MAX RPM
			BACKER	BOND		
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 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
BGC512	5"	Fine 100 / 120	5/8" - 11 thread	7,500

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

GRINDERS/POLISHERS

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

DIAMOND CONE



NEW SIZES

- 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
- Braised 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
CDC300	3" (75mm - 55mm)	Fine 100	5/8" - 11	3,000-4,000

CYCLONE BRAZED STOCK REMOVAL WHEEL



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

TOOLS: 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

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 (WET ONLY), 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

CORE BITS

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 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
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

CYCLONE ULTRA NON CORE BIT



NEW SIZES

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

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



Relief slot for core removal

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 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 ULTRA INCREMENTAL BIT

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



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)



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