

CONCRETE TOOLS



- Diamond Saw Blade
- Diamond Core Drill Bit
- Diamond Cup Wheel
- Diamond Grinding Plate
- Diamond Polishing Pad

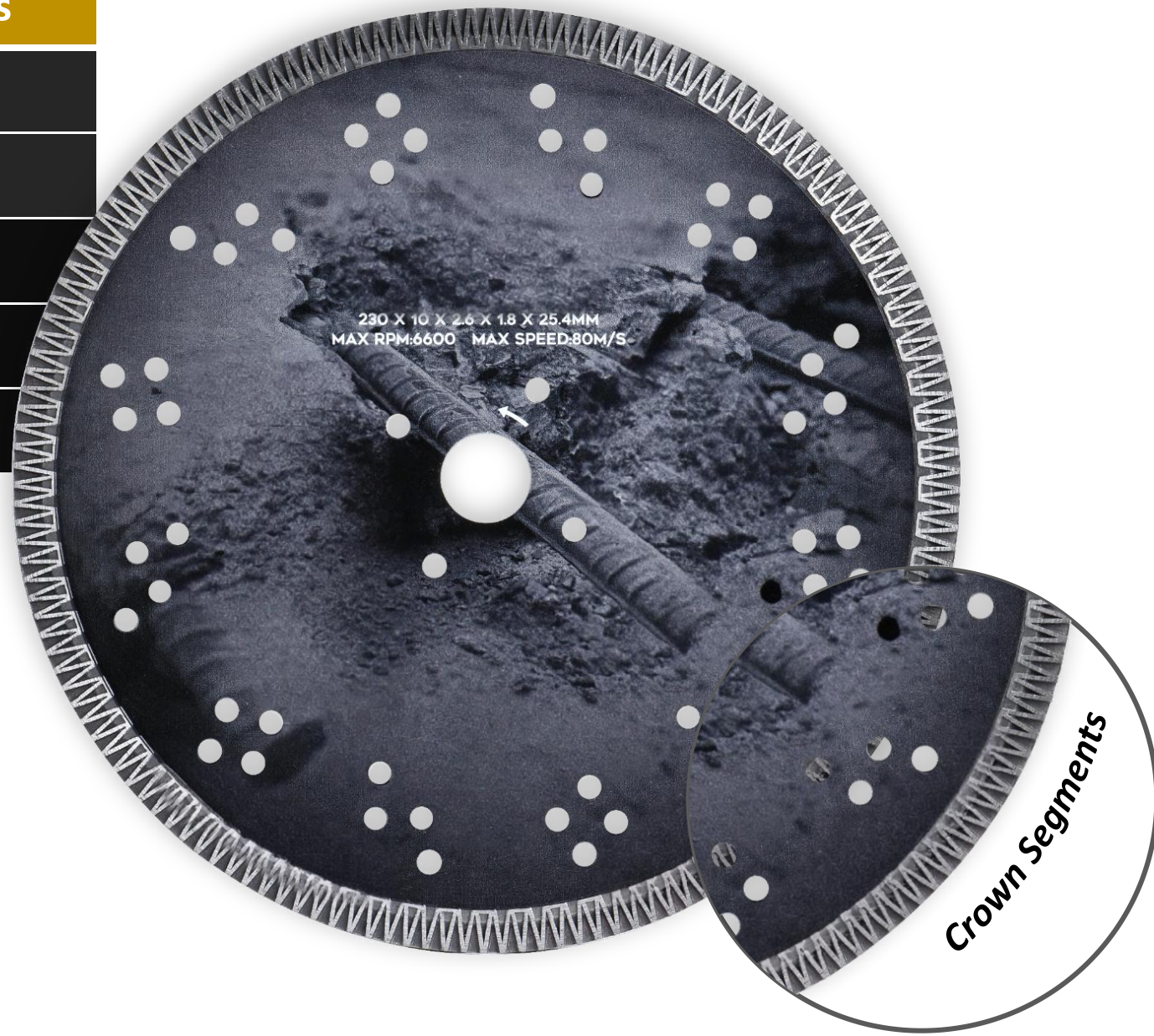
Diamond Saw Blade

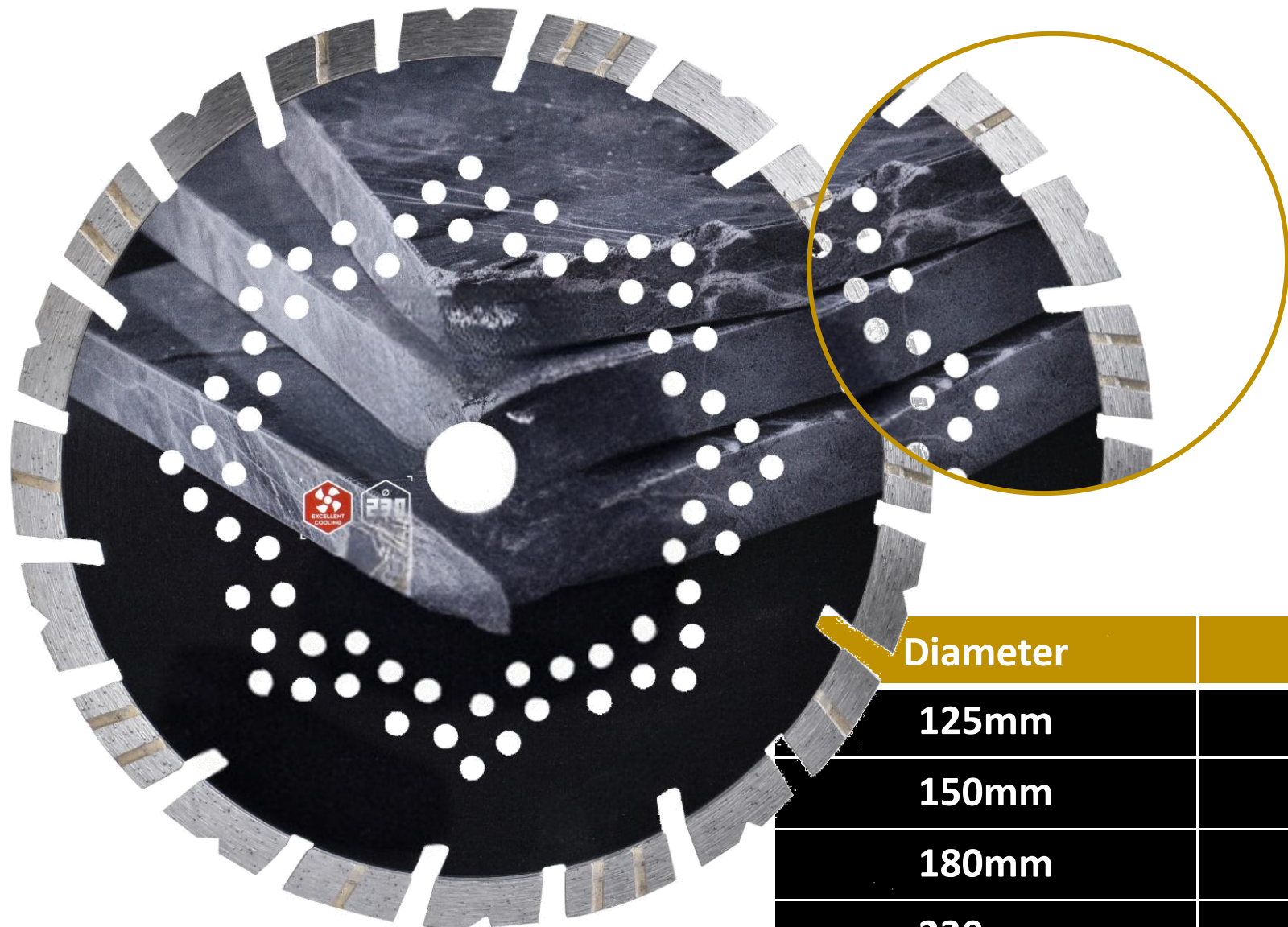
Diameter	Height	Thickness
115mm	10mm	2.4mm
125mm	10mm	2.4mm
150mm	10mm	2.4mm
180mm	10mm	2.6mm
230mm	10mm	2.6mm

- Developed for dry cutting in multiple working conditions, like reinforced concrete, concrete, granite, bricks, sandstone, and etc.



Cutting Performance





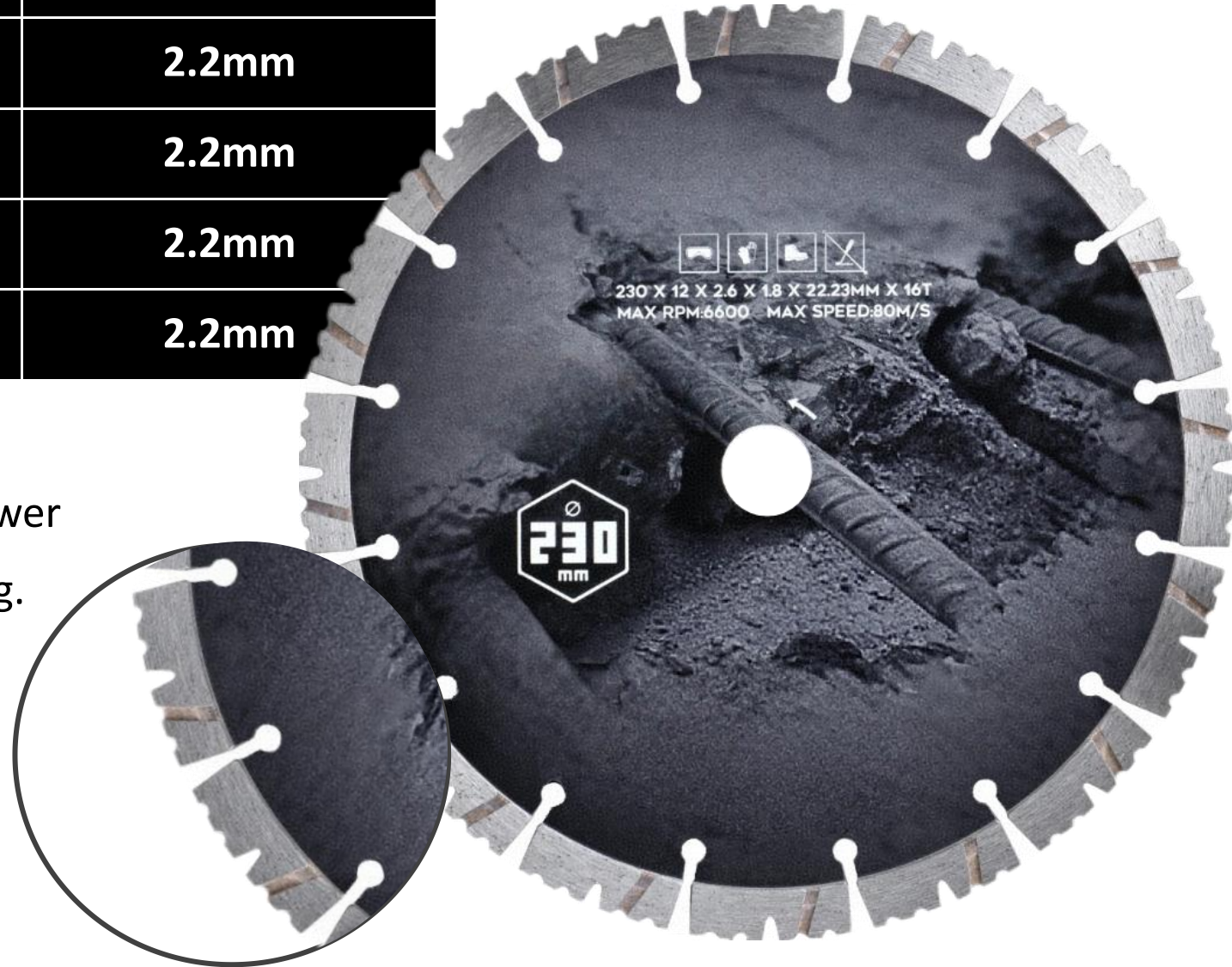
- Developed for masonry and concrete.
- The array patterned holes in the core of the blade provides effective heat dissipation of the body without compromising speed and service life.



Diameter	Height	Thickness
125mm	12mm	2.2mm
150mm	12mm	2.2mm
180mm	12mm	2.4mm
230mm	12mm	2.6mm
350mm	12mm	3.2mm

Diameter	Height	Thickness
125mm	12mm	2.2mm
150mm	12mm	2.2mm
230mm	12mm	2.2mm
...	12mm	2.2mm
400mm	12mm	2.2mm

- For cutting medium to weak reinforced concrete on floor saws and gasoline power cutters without additional water cooling.
- Cost-effective





- Designed for large loads of work with reinforced concrete without water cooling.
- Fast cutting speed, highly efficient working.

Diameter	Height	Thickness
125mm	12mm	2.2mm
150mm	12mm	2.2mm
230mm	12mm	2.6mm
350mm	12mm	3.2mm
400mm	12mm	3.6mm

Diameter	Length	Adaptor	Height
25mm	350mm	Customizable	12mm
32mm			
38mm			
...			
127mm			

Diameter	Length	Adaptor	Height
25mm	150mm	Customizable	12mm
32mm			
38mm			
...			
127mm			

- The design of three stages ensures the most precise positioning and fast speed.





- Developed for different field, Reinforced concrete, brick, stone, and etc.
- High Quality laser welded diamond core drill bits.
- Can be used both handheld and on a drill stand.

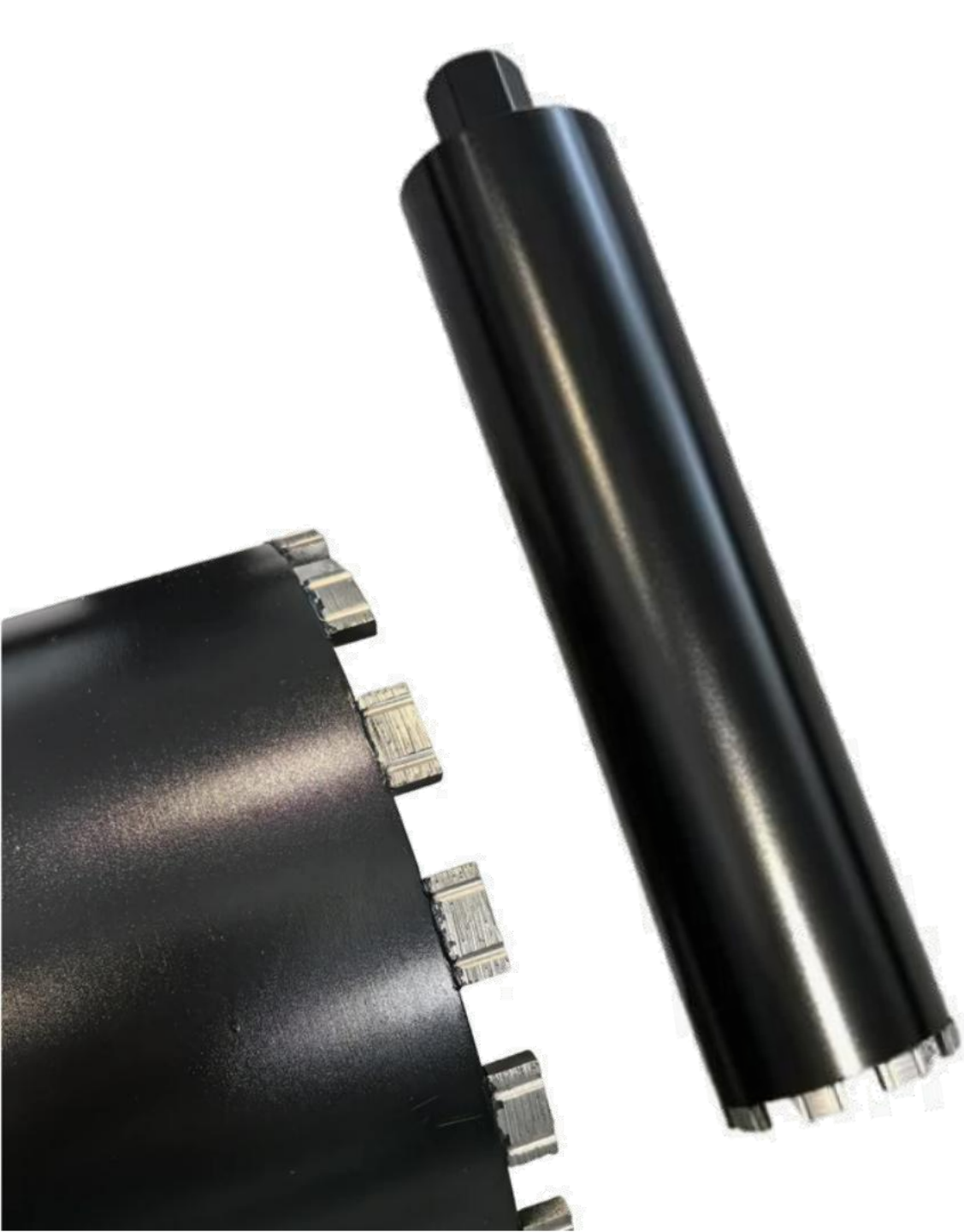


Diameter	Length	Height
27mm	450mm	10mm
32mm		
38mm		
...		
320mm		
340mm		

Diameter	Length	Height
102mm	450mm	10mm
202mm		

- Wall
- Concrete
- Engineering construction
- High Quality laser welded diamond core drill bits.
- Can be used both handheld and on a drill stand.
- Long service life.





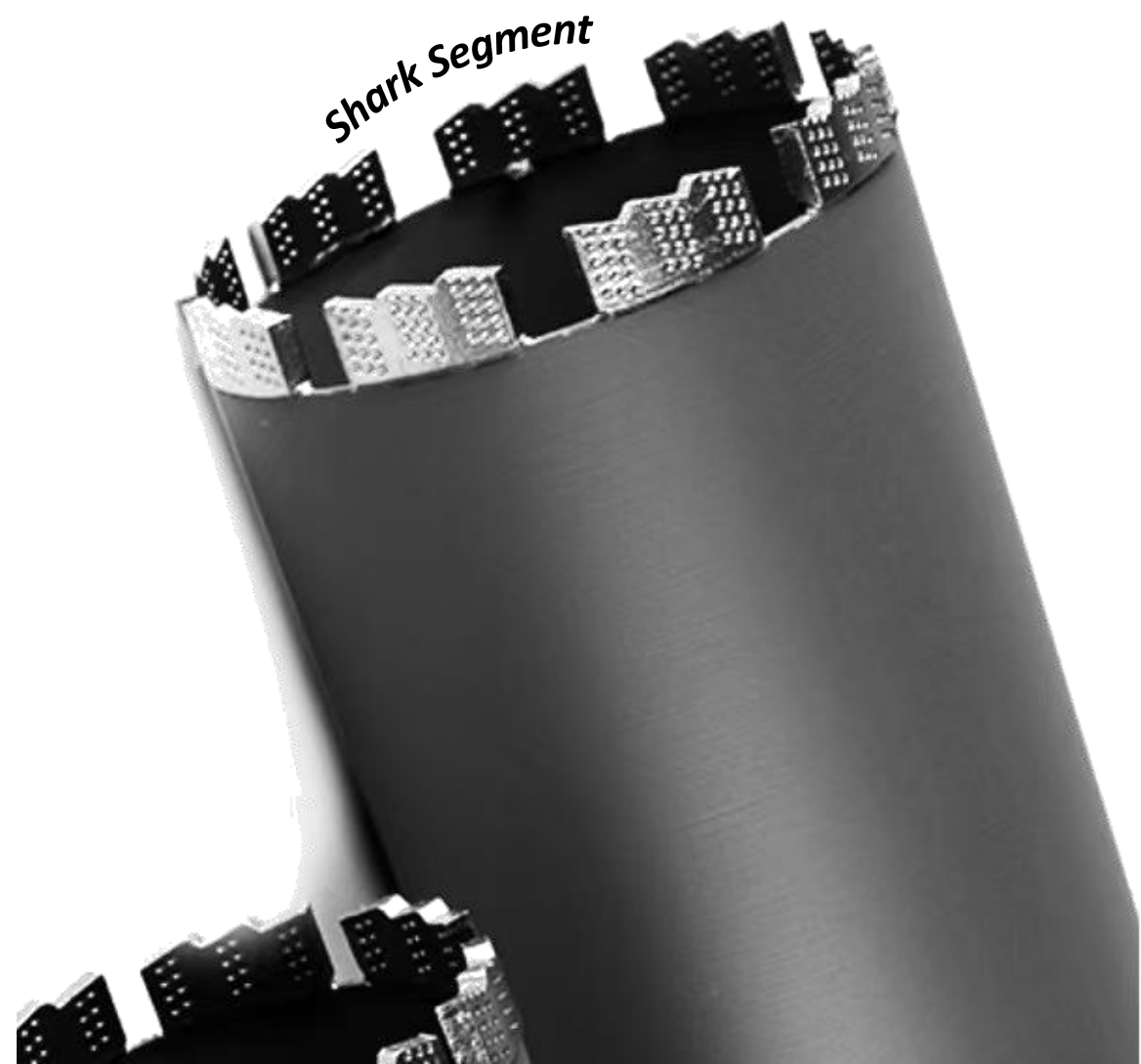
- Wall
- Concrete
- Engineering construction
- High Quality laser welded diamond core drill bits.
- Can be used both handheld and on a drill stand.

Diameter	Length	Height
102mm	450mm	10mm
202mm	450mm	10mm

Diamond Core Drill Bit

Diameter	Length	Adaptor	Height
52mm	450mm	Customizable	10MM
62mm			
76MM			
82MM			
92MM			
102MM			
...			
600mm			

- Diameter available from 52mm to 600mm, meet all the different inquiries of working conditions.
- Designed for reinforced concrete.
- Fast speed and long lifespan. Save labor & product cost.



Bead's Diameter	Beads/MTR	Application	Fixing
11.5mm	40 pcs	Concrete, Granite	Rubber
	37 pcs		
12mm	40 pcs		Rubber/Spring



- High mining yield, less waste.
- Low investment, reasonable waste disposal.

Safe and environment friendly.



Bead's Diameter	Beads/MTR	Application	Fixing
10mm	28/30/32 pcs	Reinforced Concrete	Spring
11mm			

- Wild range of applications (stones, and building materials).
- Save labor cost, and high efficient.
- Vacuum brazed beads in multi-choices, extend tool life and make full use of diamonds for best cutting efficiency.
- Better with wet cutting for tool life concern.

Beads Type



Vacuum Brazed Beads



Electroplated Beads



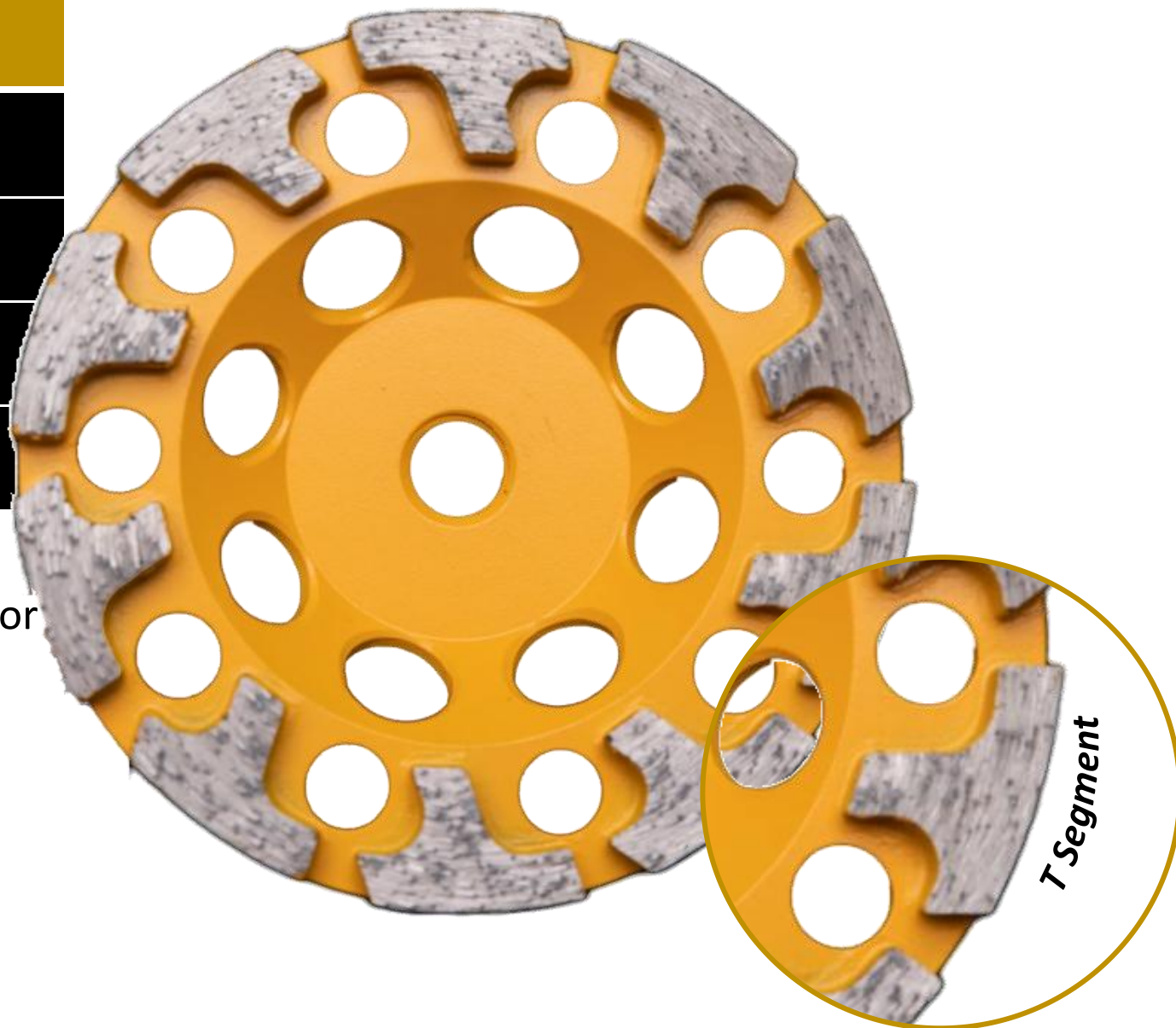
Bead's Diameter	Beads/MTR	Application	Fixing
10.1mm	40 pcs	Marble	Spring/ Rubber+Spring

- Excellent cutting performance with high sharpness and efficient stone extraction capability.
- Precise processing dimensions and appealing appearance.

Diamond Grinding Cup Wheel

Diameter	Arbor Hole	Height Of Segment
105mm	22.23mm/M14	5mm
115mm	22.23mm/M14	5mm
125mm	22.23mm/M14	5mm
180mm	22.23mm/M14	5mm

- Lathe processing & welding.
- This cup wheel is used on angle grinders and floor machines.
- Application: Concrete; Natural stone





- Lathe processing.
- This cup wheel can be used on angle grinders and floor grinder machines.
- Application: Concrete; Natural stone



Diameter	Arbor Hole	Height of Segment
100mm	22.23mm/M14	7.2mm
105mm	22.23mm/M14	7.2mm
110mm	22.23mm/M14	7.2mm
115mm	22.23mm/M14	7.2mm
...	22.23mm/M14	7.2mm
230mm	22.23mm/M14	7.2mm

Diameter	Arbor Hole
75mm	22.23mm/M14
...	22.23mm/M14
230mm	22.23mm/M14

- Designed to grind and smooth a variety of materials.
- A wide range of diamond grit can be choose and different bonds are developed for different applications – concrete, marble, granite, etc.



Ceramic Cup Wheel



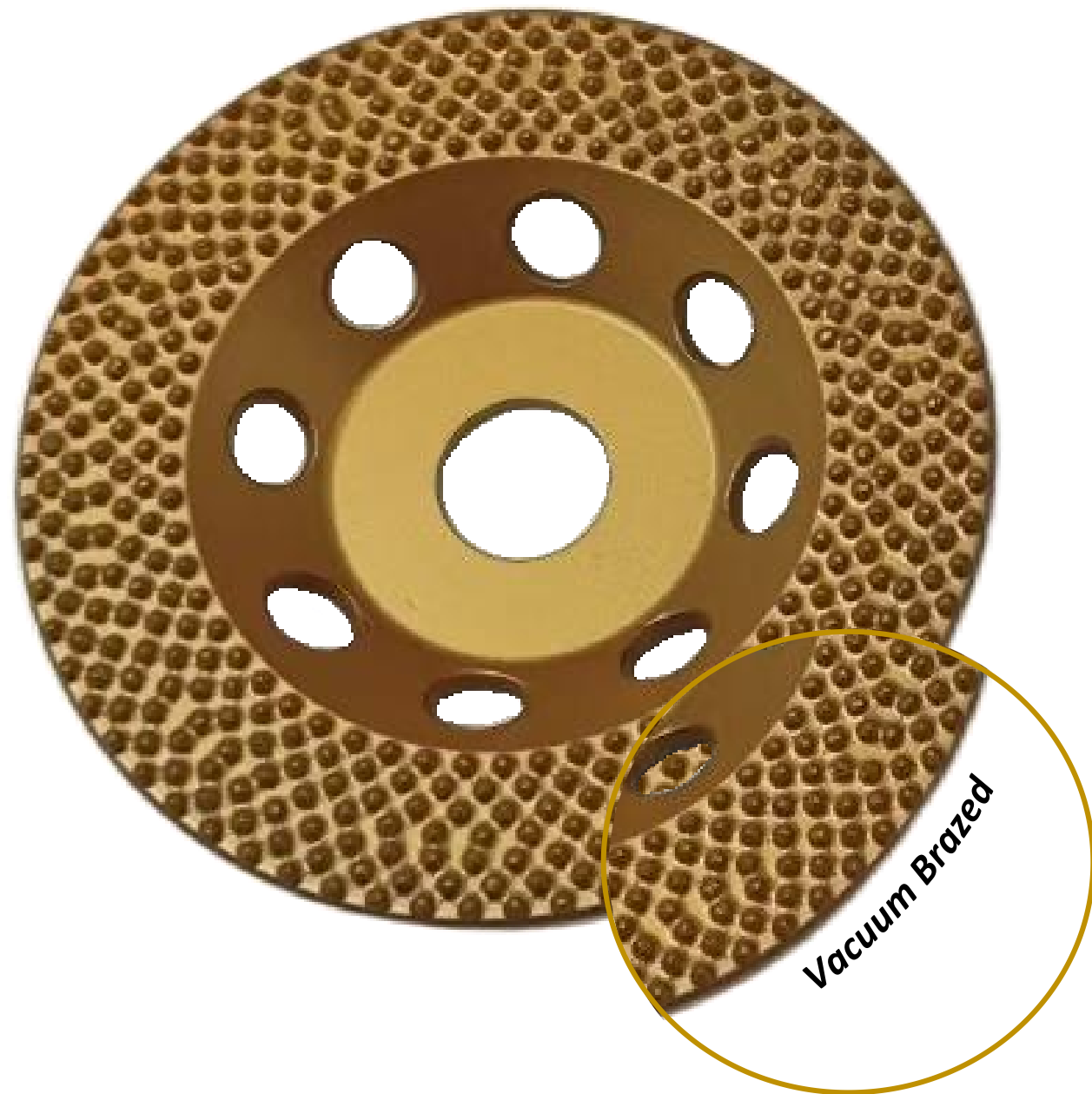
- 5 grits #30,#50,#100, #200 and #400 available at 125mm or 180mm diameter.

Diameter	Arbor Hole
125mm	Customizable
180mm	Customizable

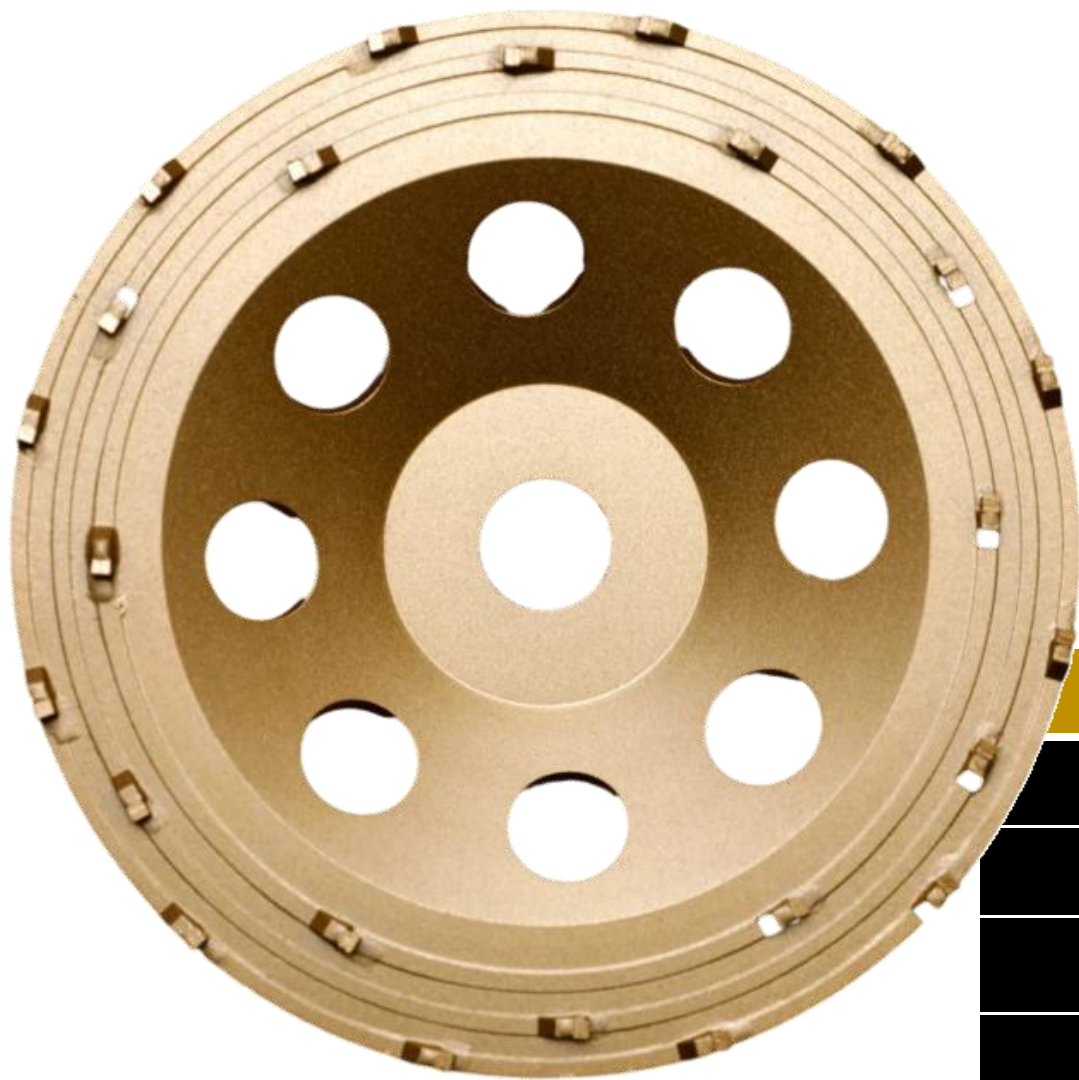
- Designed to be used on an angle grinder at up to 11,000rpm with 125mm; and up to 7,000rpm with 180mm.
- Works like a metal bond grinding cup but with more control and less scratch pattern.

Diameter	Arbor Hole
125mm	M14/ 5/8-11Thread
180mm	M14/ 5/8-11Thread

- Used for angle grinders.
- Ideal for remove all kinds of coatings, glue, epoxy and foam from concrete surfaces.
- Made of vacuum brazed balls.
- Due to its design this cup can also flatten and smooth sub-floors.

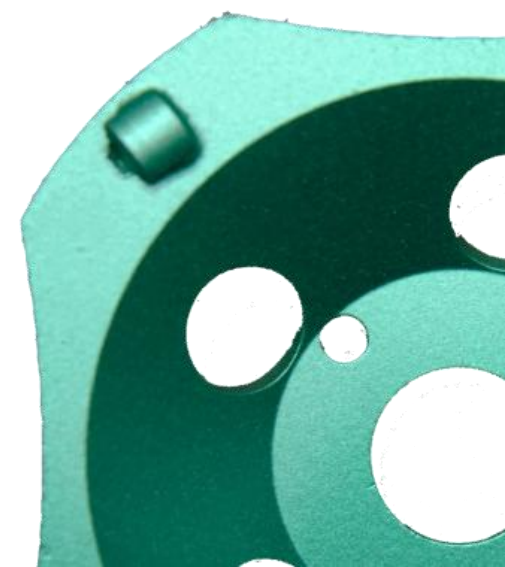


Diamond Grinding Cup Wheel



- PCD cup wheels are used for a vast spectrum of applications: concrete preparation, coating/glue removal.

Diameter	Arbor Hole
105mm	22.23mm/M14
115mm	22.23mm/M14
...	22.23mm/M14
250mm	22.23mm/M14



STEPS FOR CONCRETE SURFACE PREPARATION

1st Step



Metal Bond Grinding

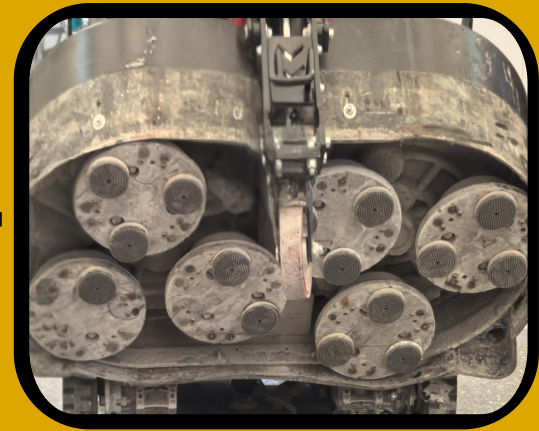
2nd Step



**Ceramic OR Hybrid
Grinding**



3rd Step



Polishing

Diamond Grinding Plate

TYPE		
Fast Change	Scanmaskin	NEW GRIND
Trapezoid	HTC	WERKMASTER
Lavina	STI	SPECIAL
Redi Lock	PALOR	CUSTOMIZED

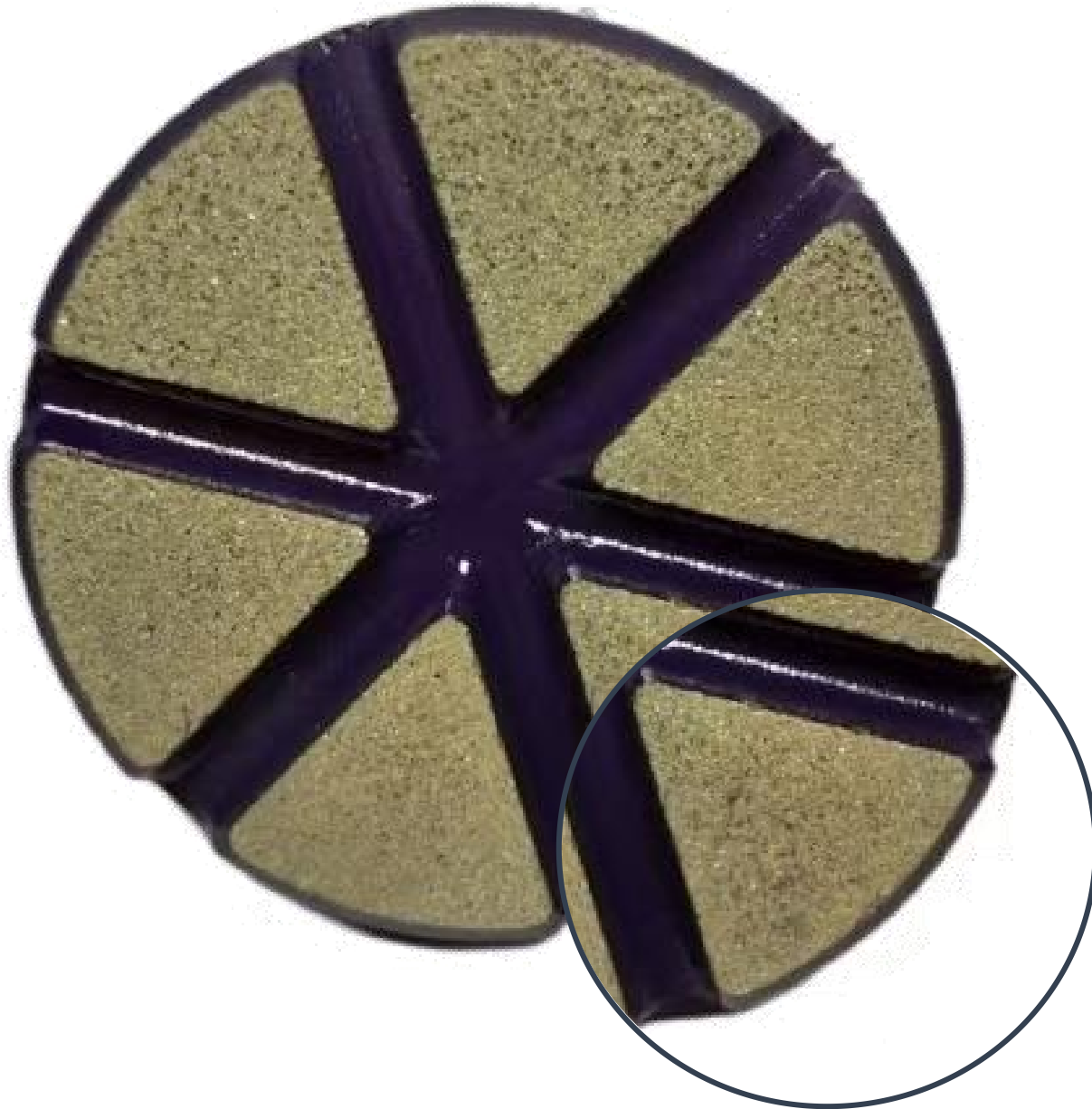


- Suitable for surface treatment, correction and grinding of concrete, terrazzo, and stone.
- Quickly remove, high efficiency.

Diameter	Thickness
80mm	12mm
100mm	12mm

- The design of hybrid mix between metal and resin diamonds ensures fast work without scratches.
- Good performance in dry polishing.
- No resin transfer, no burn.
- Grit available: 30#, 50#, 100#, 200#, 400#, 800#.

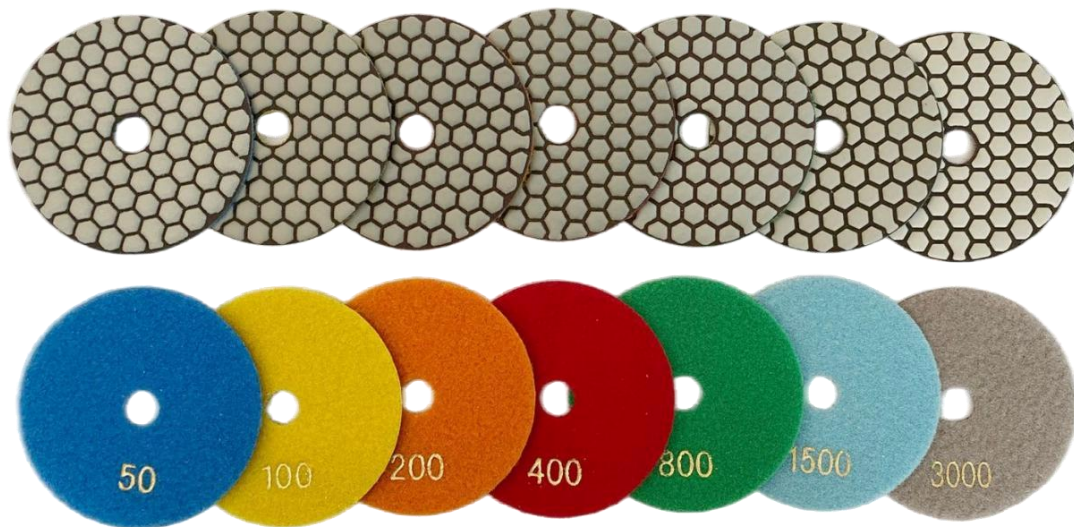




- Quick changes. (Velcro backed)
- Dry use only, for concrete floor.
- Quickly remove scratches left by metal-bond diamonds.

Diameter	Thickness
80mm	7mm





Accessories Available

- Polishing pads with velxro backing and full range grits from 50# to 3000#
- Suitable for polishing granite, marble and concrete.
- Advantage: High working temperature resisted.

Diameter	Grit	Dry/Wet
100mm	50#; 100#; 200#; 400#; 800#; 1500#; 3000#	Wet&Dry
125mm		

DFX produce polishing pads of 3steps, 5steps and 7 steps. To meet different inquiries from different market, there are customized quality for choice.

Diaflex Tools

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More tools details of industrial-use,
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