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Export Since 1980  
ISO 9001 : 2015  
KSA 9001 : 2001 Certified

**2021/2022-A**

**[www.ikodia.com](http://www.ikodia.com)**



# ABOUT KODIA

## Reliability and Responsibility - Our Everlasting Company Policy

### CORPORATE HISTORY

1983 - C.H. Kim becomes South Korea's first exporter of diamond tools

1991 - KODIA is established.

Since 1996 - KODIA establishes its own diamond manufacturing facilities to begin produce a diverse range of professional quality diamond tools

### OUR COMMITMENT

We "KODIA" ensure rigorous quality controls for all of our diamond tools in order to produce the highest quality products for our customers.

We take pride in having built strong customer relationships in Europe, USA, Japan, and all over the world for over 20 years. Our ongoing commitment to our customer satisfaction and to the quality of our products motivates us to become No.1 diamond tool manufacturer.

### ISO 9001: 2015 CERTIFICATE

As part of our quality policy and commitment to better serve our customers, KODIA renews its ISO 9001: 2001 certificate every year, KODIA continues to maintain and improve its operation, and on-time delivery at competitive prices.

### REMARKABLE COMPANY ACHIEVEMENTS

#### KODIA has a long history of industry first...

We are:

1. The first company that created an aluminum body on cup wheels in South Korea,
2. The first company who produced very fast, chip-free thin turbo blades with reinforced flanges by rivet for silent function.
3. The first company that built rubber body cups, multi cutters, contour blades, thin turbos, and dimple turbo segments diamond cluster technology in South Korea.
4. The first company that developed super cluster removing grinder (also known as SCRG) which can replace conventional carborundum grinding, cut-off wheels.
5. In 2018, almighty cutter was developed.



### CEO Message

Since 1996, we've manufactured and exported diamond tools for stone, compact composite materials, ceramics and tiles.

We strive to broad the scope of business in overseas markets through relentless R&D and participation in overseas exhibitions.

We've boosted research and development activities to develop high-quality tools that can provide increased speed and improved performances.

It is our ultimate goal to grow with our valuable and deliver our utmost quality products across the globe.

Desde que comenzamos nuestro negocio en 1996, hemos estado fabricando y exportando materiales ompuestos compactos de piedra, herramientas de diamante para cerámica y baldosas durante los últimos 25 años.

Hacemos nuestro mejor esfuerzo para expandir nuestro negocio en los mercados extranjeros desarrollando 2-3 o más productos nuevos cada año, participando en exposiciones en el extranjero y conociendo a clientes globales.

Hemos fortalecido nuestras actividades de investigación y desarrollo para desarrollar herramientas de alta calidad que pueden acelerar y mejorar el rendimiento.

Como el fabricante más confiable y responsable, reconocido por la investigación y la mejor tecnología, nuestro objetivo final es crecer con clientes valiosos como usted.

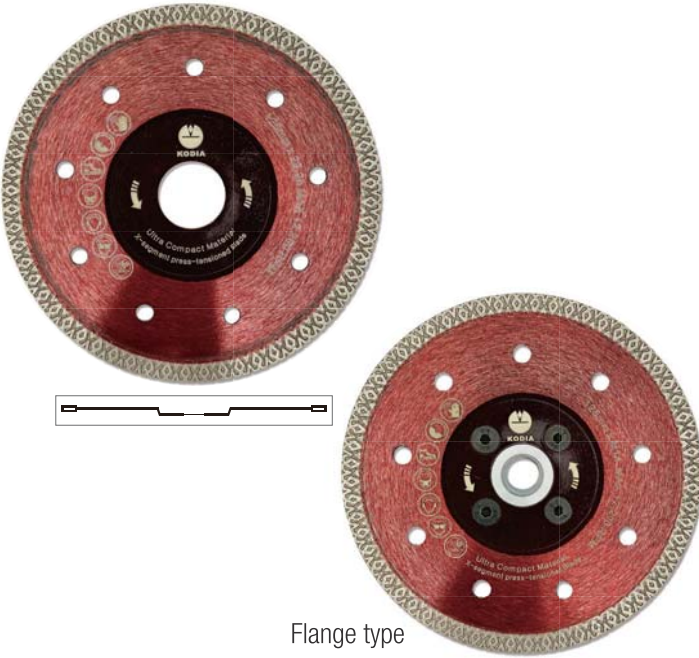
A handwritten signature in black ink, appearing to read 'K. H. Kim'.

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## Ultra Compact Material





Flange type

UCXP



Ultra Compact X-segment Press-tensioned Blade

- Innovative dry segment with 1.3t x 7w segment
- X-Pattern segment suitable for ultra compact materials such as Dekton, Lapitec, and Neolith, etc.
- Its press-tensioned body is good for
  - 1) Clean flush-cutting available without any hinderance from screw head in case of M14 or 5/8"-11h flange attached
  - 2) Stable, silent, and speedy cutting performance

Diameter
From 100mm(4") To 350mm(14") x 7w

AC



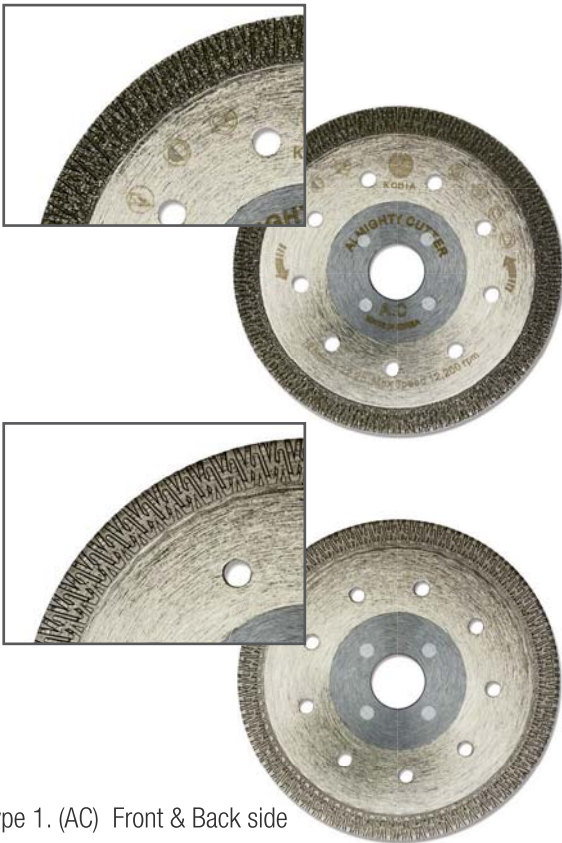
Almighty Cutter

- One blade can cut everything
- One sided special coated diamond turbo blade
- Very soft and smooth cutting
- Min 40% faster and 40% longer in cutting speed and life time above any other cutters
- Curve cutting : Endurable

- Two Types -

- 1) [AC] Almighty cutter : Rivet both flanged type (patented) : silent & safety cutting
- 2) [ACF] Almighty cutter full face type : Cutting and chamfering on all kinds of material

Diameter
From 100mm(4") To 230mm(9") x 10w
Thread
M14 or 5/8"-11 thread available

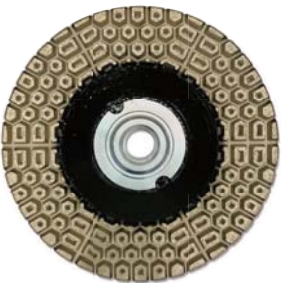


Type 1. (AC) Front & Back side

Type 2. (ACF) Front side



(FCWM) Mesh type



(FCWD) Dimple type



(FCW) Original type

FCW



Fiber Cup Wheel

Design Type : (FCWD)Dimple Type & (FCWM)Mesh Type

- #30/40 coarse (#0) for granite
- #50/60 medium (#1) for tile, ceramic, and porcelain
- #100/120 fine (#2) for glass
- For pneumatic & electric machine
- Protect the worker's wrist during any heavy working
- Fiber-backing for lightweight & silent function
- Waterproof

Diameter
From 100mm(4") To 180mm(7")
Thread
M14 or 5/8"-11 Thread available

TTC



Turtle Cup Wheel

- Patented and innovative cup wheel
- Fast grinding without scratch due to mixture of resin + diamond filled on segment
- Very aggressive and smooth grinding
- Excellent for grinding and chamfering on granite and stone
- For primary grinding before polishing process

Diameter
From 100mm(4") To 125mm(5")
Segment
25W
Grit
#0, #1, #2(Coarse, Medium, Fine)
1st step
Coarse without resin-diamond filled
2nd step
Medium with resin-diamond filled
3rd step
Fine with resin-diamond filled



Coarse type (1st step)



Resin type (2nd step, 3rd step)

WTTC



Wide Turtle Cup Wheel

- Fast and smooth chamfering & grinding without scratch due to mixture of resin + diamond filled on segment and wide working surface
- 50% longer lifetime due to wider segment
- Excellent for grinding and chamfering on granite and stone
- For primary grinding before polishing process

Diameter
From 100mm(4") To 125mm(5")
Segment
35W



Coarse type (1st step)



Resin type (2nd step, 3rd step)





## M-DTWC



### Mesh Dry Thin Wall Core Bit

- Top quality
- First & unique design in the world
- Mesh pattern turbo segment for fast and no chipping drilling
- Deep segment("T" segment) for safety and longer lifetime
- Big side holes for fast dust out
- Barrel length : 50L or order made

Diameter
From 6mm To 127mm
Thread
M14 or 5/8"-11 thread available



## DTWC



### Dry Thin Wall Core Bit

- Top quality
- Flat segment for stable and chip-free drilling
- Deep segment("T" segment) for safety and longer lifetime
- Big side holes for fast dust out
- Barrel length : 50L or order made

Diameter
From 6mm To 127mm
Thread
M14 or 5/8"-11 thread available



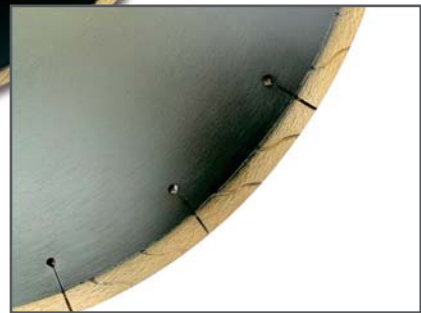
## ICD



### Integral Core Drill

- Fastest speed due to continuous crown type segment
- Chip-free drilling, wet use recommended
- Perfect balance with production from mold, no welding

Diameter
From 6mm To 127mm
Thread
M14 or 5/8"-11 thread / Hexagonal shaft available



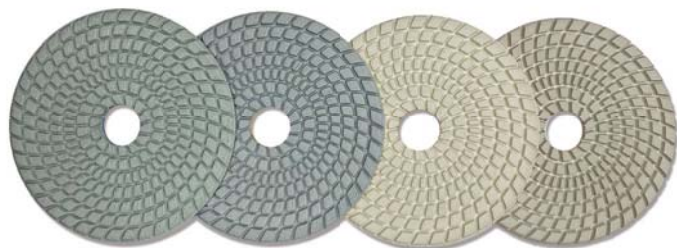
## BRC



### Bucket Rim Cutter

- Specialized in wet cutting for ultra compact materials such as Dekton, Lapitec, and Neolith
- Silver-brazed welded segments with silent core
- Specially designed segments named "Bucket" to keep water on surface of segment longer than flat segment
- Silent, fast, chip-free cutting

Diameter
From 300mm(12") To 400mm(16")

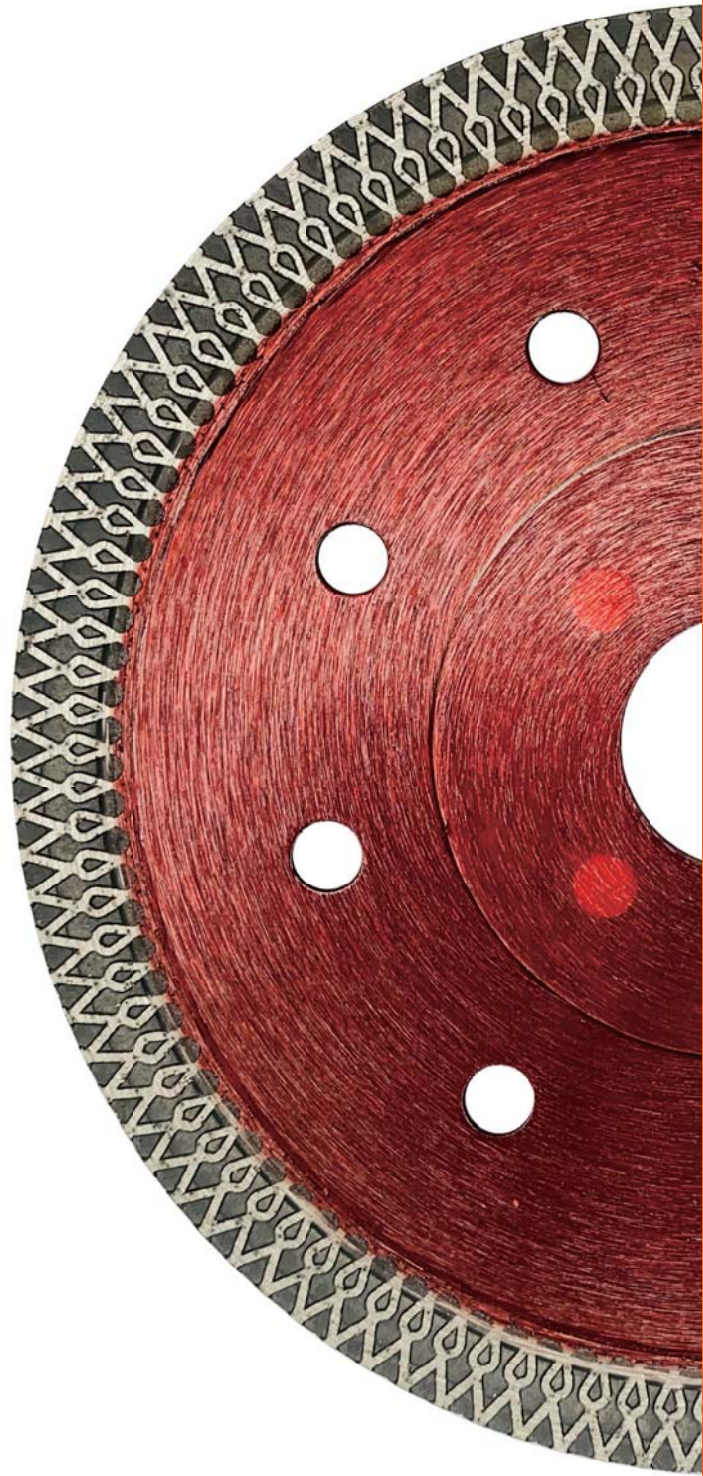


## 4HPP



### 4-Step Hybrid Polishing Pad

- Available in wet and dry condition with hybrid technology
- 4 steps (#1, 2, 3 and 4)
- White color available for white stone
- Premium quality of velcro-back side



## **Porcelain & Ceramic Tile**





W-MSRBR

Waved Body Mesh Turbo

- Waved body + reinforced both rivet flanges
- 40% stronger body compared to existing Mesh thanks to the strength from waved body
- All the features of existing mesh + no wobbling, steady and continuous sharp cutting
- New smart & robust apperance for professional cutters
- Endurable granite slab cutting

Diameter
From 100mm(4") To 350mm(14") x 10w



EUST

Edge Universal Super Turbo - Miter Cutter

- Excellent quality for cutting porcelain, hard tile, and granite
- Very sharp design segment with best bond matrix
- Any directional cutting available (clockwise and counter-clockwise)
- Two options available
  - 1) Only straight cutting (1.2t x 7w), with both rivet flanges
  - 2) Miter cutting (1.4t x 7w), without both rivet flanges

Diameter
From 100mm(4") To 350mm(14") x 7w
Thread
M14 or 5/8"-11 thread available



Original Type Mesh

MSRBR

Mesh Turbo Rim - Rivet Both Reinforced (KODIA Original)

- Patented silent and reinforced thin turbo body
- **World best quality and best selling item** for porcelain, tiles, gres, dektion and granite tiles
- Unique and patented rim segment for very sharp, fast and chip free cut

Diameter
From 100mm(4") To 350mm(14") x 10w
Thickness
100mm(4") To 150(6") : 1.2t, 1.0t available
180mm(7") To 250(10") : 1.6t
300mm(12") To 350mm(14") : 2.0t
400mm(16") : 2.6t



Egg Type Mesh



R Type Mesh



MRBR

Mass Type - Rivet Both Reinforced

- World best quality turbo type blade for porcelain, any hard tiles, gres and granite tiles
- Silent, fast, clean and chip free cut
- Conventional design with excellent quality

Diameter
From 100mm(4") To 350mm(14") x 7w



Turbo Type - Ring Reinforced



Mass Type - Ring Reinforced

TRR & MRR

Turbo Type - Ring Reinforced  
Mass Type - Ring Reinforced

- The same features as "MRBR" above with deep body tensioning
- Competitive price with fantastic quality
- Cost saving

Diameter
From 100mm(4") To 180mm(7") x 7w





DFR



DF Rim Cutter

- Perfect silent body with enhanced special flanges at competitive prices
- Both flanges around center for clean and stable cutting and silent function
- Professional wet cutting for any hard porcelain and ultra compact materials such as Dekton, Lapitec, Neolith, etc.
- No wobbling, warping and vibration while working
- Miter cutting available

Diameter

From 100mm(4") To 400mm(16") x 7w or 10w



CRC,G



Continuous Rim Cutter - For Glass

- Premium quality glass cutter
- Specialized and excellent cutting for glass
- Special glass bond matrix for chip free cutting
- Fast, smooth and clean cut

Diameter

From 100mm(4") To 350mm(14") x 7w or 10w



Fish Hook Type

CRC



Continuous Rim Cutter

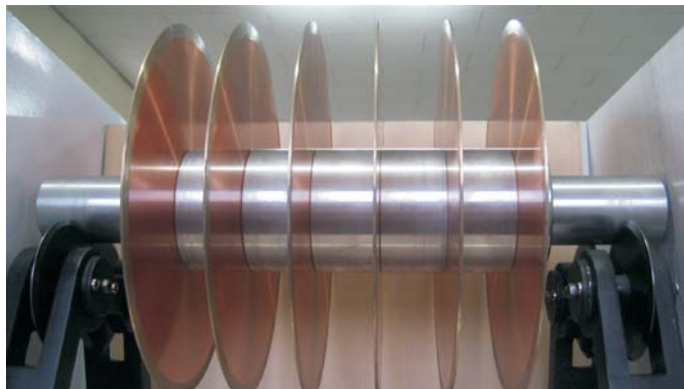
- Continuous rim segment for chip-free and precise cutting
- Best rim cutter for any kind of porcelain, tile, and ceramic
- One of the best and steady selling blade from Kodia
- Other laser slot type available (fish-hook, tear-drop, heart, and J-slot etc.)
- Copperplated body available

Diameter

From 100mm(4") To 400mm(16") x 7w or 10w



Tear Drop Type



CRC,M



Continuous Rim Cutter for Multi Cutting Machine

- For multi cutting on any sensitive glazed tile, porcelain slab and ceramics
- 4-8pcs set cutting available with straight and chip-free cut
- Wet condition recommended

Diameter

From 300mm (12") to 400mm (16") x 7w or 10w



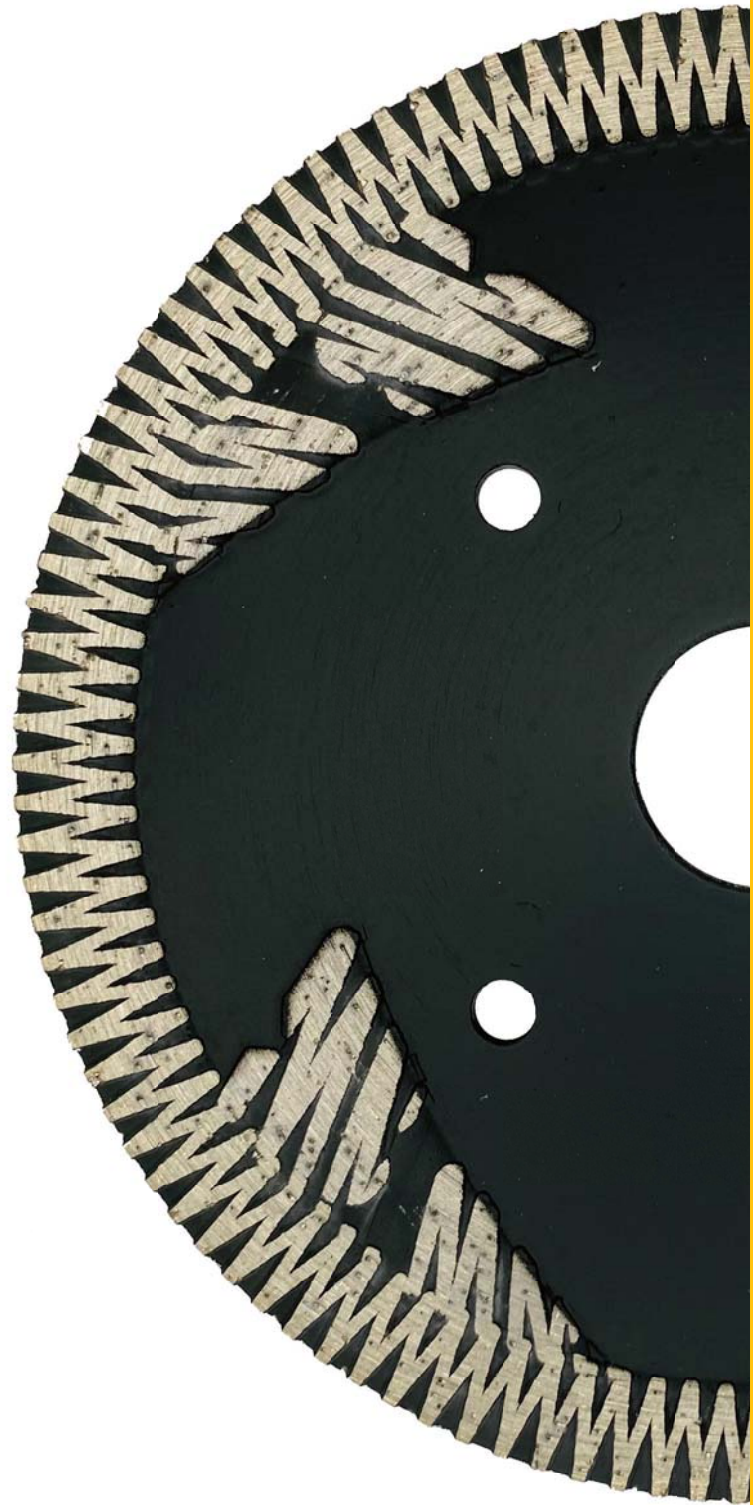
CRC,P



Continuous Rim Cutter (Wet), Precise

- Specialized for ceramic, quartz, glass and industrial purpose
- Fast, soft and precise chip free cut
- Copper plated body for clean cut
- 0.6T thickness
- Radius segment available
- Grit and concentration can be adjusted





## Granite & Engineered Stone



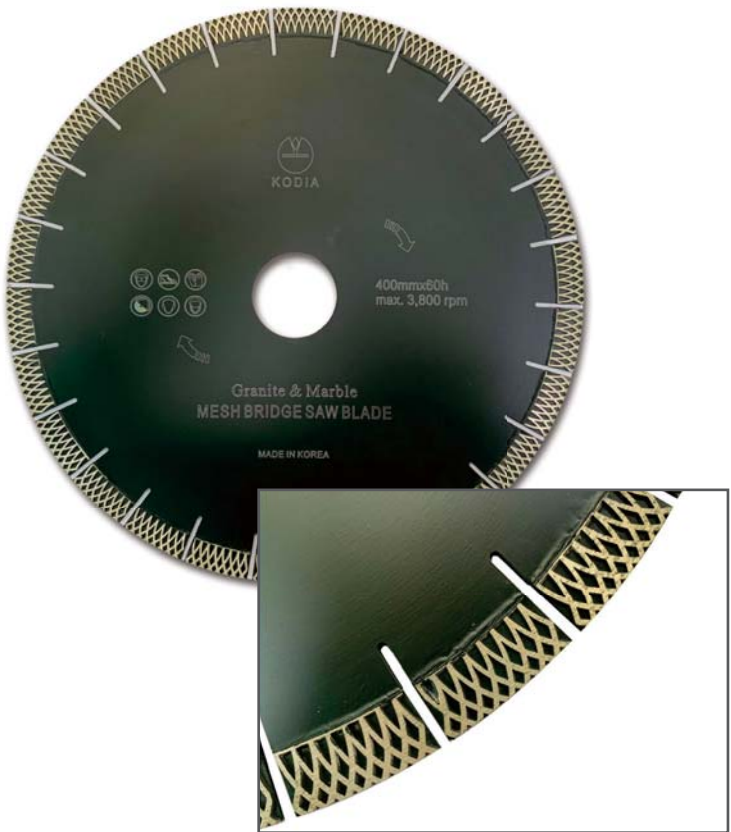
NUST

New Universal Super Turbo

GR ES

- Patented best granite cutting blade in the market
- Fastest and soft cutting for any hard material
- Excellent for hard granite such as black granite
- Any directional cutting available (clockwise and counter-clockwise)

Diameter
From 100mm(4") To 350mm(14") x 10w
Thread
M14 or 5/8"-11 thread available



M-BS

Mesh Turbo Bridge Saw Blade

GR ES

- Sandwich mesh turbo pattern segment for super quality
- Ultimate fast and long lifetime due to unique patented 22mm height segment
- Sandwich segment to avoid rounding wear
- Silent & normal core body available
- Fast and no chipping on popular bridge saw machine

Diameter
From 300mm(12") To 500mm(20") x 22w



NUST-H

New Universal Super Turbo Hurricane

GR ES

- Specially designed for granite and engineered stone
- Additional deep side protections are fully embedded within the core for safe cutting and fast cooling
- Strong body core and cool holes eliminate warping and ensure straight cuts
- Vertical and straight cutting only

Diameter
From 100mm(4") To 350mm(14") x 10w
Thread
M14 or 5/8"-11 thread available



HRC

Hurricane Cutter

GR ES

- Deep side protections are fully embedded within the core for safe cutting and fast cooling
- Excellent on aggressive cutting without wobbling
- Strong & thicker body structure for any heavy working condition
- Vertical cutting only

Diameter
From 100mm(4") To 400mm(16") x 10w
Thread
M14 or 5/8"-11 thread available





ST

Spiral Turbo



- Best and traditional steady selling blade for general purposes
- Sharp and clean cut proved by customers world-wide (Europe, Middle East and USA)
- Economic blade with high quality

Diameter

From 100mm(4") To 350mm(14") x 7w or 10w



STSP

Sintered Turbo Segmented Perforated



- Segmented turbo type that boosts excellent cutting speed
- Fast cooling system equipped with many cooling holes
- Longer lifetime with 10mm segment height
- Most recommended blade for fast work in universal purpose

Diameter

From 100mm(4") To 350mm(14") x 10w



STRP

Kodia Super Turbo



- Patented silent body
- One of the best selling items in the world
- Designed for heavy and tough working condition
- Superior quality blade on any hard granite and universal purpose
- No wobbling and no warping steel core with efficient cooling holes

Diameter

From 100mm(4") To 350mm(14") x 10w



SSS

Super Sintered Segmented



- Quality proven product for notable buyers in Europe, USA and Japan
- The top acknowledged blade in Europe for concrete panel and block working with portable machines
- The most economical blades with maximum cutting speed and lifetime

Diameter

From 100mm(4") To 400mm(16") x 7w or 10w



WSTRP

Kodia Waved Super Turbo



- Patented silent body
- The same features as "STRP" above with an additional waved steel body serving a dual purpose of
  - Increasing rigidness of the body to ensure overall blade durability
  - Enhancing airflow to boost cooling efficiency

Diameter

From 100mm(4") To 350mm(14") x 10w



SB

Sprint Blade



- Steady selling premium blades
- The most preferred blades by customers in Europe, USA and Japan
- Excellent performance for universal cutting purpose including abrasive materials

Diameter

From 100mm(4") To 350mm(14") x 7w or 10w





K-PRO



New Kodia - Pro

- Improved safety for any hard and heavy working condition
- T-segments enhance superior cutting ability → fast and extended non-stop cutting

Diameter
From 100mm(4") To 350mm(14") x 10w



JCT



Jet Cutter

- Recommended for fast and clean cut
- Jet off-set arbor style available
- Segmented type available upon request

Diameter
From 100mm(4") To 350mm(14") x 10w



K-PRO, T



New Kodia - Pro, Tear Drop

- Enhanced fast cooling and steel core protection
- Improved and increased cutting speed
- Fast cutting without chipping and warping

Diameter
From 115mm(4.5") To 180mm(7"), 230mm(9") x 10w



NSFST



New Self - Flanged Spiral Turbo

- Patented and innovative design
- Safe, simple, cost saving and convenient blade compared to aluminum flanged blade
- Integral flanged body
  - No more separate aluminum flange needed

Diameter
230mm(9")



UST



Ultra Super Turbo

- Longer life, no mid-stop, no vibration cutting with patented reinforced body technology
- Professional and superior features combined in blade
- Econo type available (UST-E)
  - All same features as "UST" above
  - Economic price with normal flat core

Diameter
From 100mm(4") To 350mm(14") x 10w



NMC



New Multi Cutter

- Our innovated two-in-one multi cutter blade serving two main purposes
  - Grinding and cutting for efficient and smooth finish
- Marvelous quality for all granite

Diameter
From 100mm(4") To 115mm(4.5"), 125mm(5"), 230mm(9")
Thread
22.2h or M14 / 5/8"-11 thread available





41-1 Semi Spiral Concave  
(Economical but High Performance Blade)

CC



Concave Cutter

- For round or curve cutting purpose
- First and biggest manufacturer of superior quality concave cutter since 1997 by KODIA
- Metal segment both side protection
- Perfect balance ensures smooth start with first cut
- The turbo rim produces safer and sharper cuts than segmented contour blade

Diameter
100mm(4"), 115mm(4.5"), 125mm(5"), 180mm(7"), 230mm(9")



41-2 Both Protection Concave  
(Fast and Durable Strong Blade)



41-3 Thin Fast Turbo Concave  
(Fast and Higher Performance)



41-4 Vacuum Brazed Body Concave  
(Fastest Blade)



41-5 Mesh Concave (1.2T)  
(Porcelain Round Cutting)

# Cup Wheel & Grinder

SCRG



Super Cluster Removing Grinder

- For removing, grinding, chamfering, finishing on epoxy, urethane, sticky paint, rust and etc
- New waterproof fiber body
- Replacement of all existing abrasive tools
- Excellent light weight for air polisher or pneumatic tools
- Very long lifetime
- Strong diamond hold, no carbonized diamond on cluster

(SCRG-L) Light Weight Type

- Fiber backing, best selling
- Excellent for portable angle grinder and pneumatic tools
- Stronger and robust, silent body

Diameter
From 100mm(4") To 180mm(7")



(SCRG-M) Metal Body Type

- Tapered or flat surface available
- Strong diamond hold, no scratch on the material
- For heavy duty machine

Diameter
From 100mm(4") To 180mm(7")



(SCRG-B) Button Cluster type

- For deep removing of thick coating with heavy machine for concrete surface
- Especially excellent for terrazzo
  - Only flat surface available

Diameter
From 100mm(4") To 180mm(7")



FSC



Flexible Silent Cup

- Newly constructed body provides perfect safe flexible cushion
- Very soft touch, fast and aggressive grinding
- Noiseless, no jumping and no vibration
- Ergonomic and innovative ways to protect worker's wrists and power tools

Diameter
From 100mm(4") To 180mm(7")
Grit
#0, #1, #2 (Coarse, Medium, Fine)



RBCW



Rubber Body Cup Wheel

- Specially designed and patented rubber body absorbs noise and vibration from tool and stone (innovative and ergonomic features)
- Dry and wet use

Diameter
From 100mm(4") To 180mm(7")
Grit
#0, #1, #2 (Coarse, Medium, Fine)







AL-CUP

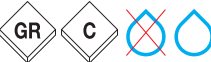


Aluminum Cup Wheel

- Perfect balance, light weight, aluminum body cup wheel
- Mechanically combined body and segment
- Innovative design for clogging prevention and perfect water flow



DPC-RF



Double PCD Cup With Rubber / Fiber Backing

- Silent and shock absorbing function prevents PCD from breakage
- Soft and pleasant touch with minimized scratching on materials
- Unique design and professional quality
- Waterproof & lightweight

Diameter
From 100mm(4") To 180mm(7")

(AL-CUP, COMB)  
Aluminum Turbo Cup Wheel - Combi Type



(AL-CUP, DCI)  
Aluminum Turbo Cup Wheel - Double Cup Integral



(AL-CUP, L)  
Aluminum Turbo Cup Wheel - Lilac Type



Diameter
100mm(4"), 115mm(4.5"), 125mm(5"), 150mm(6"), 180mm(7")
Toolgal Type
· Flat · Convex · Side Grinding
Double Height Turbo



DBC



Diamond Brazed Cushioning Back Disk

- Extremely lightweight remover for all glass paint, coating, glue, epoxy on steel and metal
- Very fine smooth finish
- Super premium quality

Diameter
From 100mm(4") To 180mm(7")





ACW



Professional Alpha Type Cup Wheel - Light Weight

- High cobalt, graphite and professional cup wheel
- Flat and convex type available

Diameter

From 100mm(4") To 125mm(5")



TSCW



T-shark Cup Wheel For Concrete

- Premium sharpness for aggressive grinding and removing
- Long life and smooth surface
- Suitable for extra hard rough concrete

Diameter

From 100mm(4") To 180mm(7")



TCW



Toolgal Cup Wheel

- High cobalt, graphite and professional cup wheel
- Flat and convex type available
- Smooth professional grinding available

Diameter

From 100mm(4") To 125mm(5")



SCW



Seagull Cup Wheel For Concrete

- **World's best** quality for removing hard concrete (over 300 mpa)
- Fast and sharp finishing

Diameter

From 100mm(4") To 180mm(7")



TCW, HD

Toolgal Cup Wheel - Heavy Duty

- Unique wide grinding surface; 40mm segment width on 100mm(4") cup
- **World's best** quality cup wheel for granite and concrete
- For large surface grinding & chamfering

Diameter

From 100mm(4") To 125mm(5")







CRW

Coating Removing Wheel - PCD Type

- For removing, grinding, finishing on epoxy, urethane, sticky paint, rust and etc
- Double turbo type for aggressive removing
- Very competitive price



Diameter

From 100mm(4") To 125mm(5"), 180mm(7")



PCRW

Primary Coating Removing Wheel

- No clogging on any thick materials
- Deep, fast and clean removing at economic cost
- Light weight



Diameter

From 100mm(4") To 125mm(5"), 180mm(7")



Core Drill



TCBP



Tornado Core Bit for Porcelain

- Excellent dry drilling performance based on
  - Side dust hole + cool down core body
  - Remarkably special dry bond
  - For the excellent results, please cool down in the grease oil or water before repeated use
- The fastest core bit you've never seen until now!!

Diameter
From 5mm(3/16") To 19mm(3/4")
Thread
Hexagonal shaft or M10 thread available



CCD



Crown Core Drill

- Approved excellent quality (aggressive drilling with safety)
- Best selling around the world
- Wet use
- Cost effective core drill for wide application

Diameter
From 6mm To 165mm



TCDG



Tornado Core Drill for Granite

- Excellent dry drilling performance based on
  - Inner and outer side vacuum brazed protection
  - Side dust hole + cool down core body
- Improved segment design for aggressive drilling



Diameter
From 19mm(3/4") To 120mm(4-3/4")
Thread
M14 or 5/8"-11 thread available



SCD



Separated Type Core Drill

- Excellent cost saving for tile, porcelain and ceramic (pipe or non-core type)
- Patented professional quality
- Pin + body

Diameter
From 6mm To 12mm



CHCD



Chamfering Core Drill

- Excellent drilling performance based on integrated work
  - Drilling + Chamfering
  - Integrated segment with body for the performance of no chipping, fast drilling
- Wet use recommended

Diameter
35mm(1-3/8")
Thread
M14 or 5/8"-11 thread available







MLB



Multi Layer Brazed Core Drill

- Excellent long life-time
- Patented multi layer vacuum brazed tip

Diameter
6, 8, 10, 12 mm
Any size available upon request



VBCD, K-Type



Vacuum Brazed Dry / Wet Core Drill

- Fast and no mid-stop drilling without over heating and segment problem
- Vacuum brazed side protection

Diameter
Any size available upon request



DS



Drill Segment

- All kinds of segments, turbo, turbo roof-top, plain, thin(1.4T) to thick(4.5T) available
- Turbo dimple type : 30% faster, 30% longer life

Diameter
From 100mm(4") To 400mm(16")

Polishing Pad



3STEP-D



3 Step Pad - Dry

- Excellent super polishing with guaranteed reduced working time
- For the best results, add #50 from 7 step pad and use it as 4 step pad

Diameter
75mm(3"), 100mm(4"), 125mm(5"), 180mm(7")
Thickness
2.5T, 3.0T
Grits
#1, #2, #3



3STEP-W



3 Step Pad - Wet

- Reduced polishing time 40~50% compared to other pads
- For the best results, add #50 from 7 step pad and use it as 4 step pad
- Polishing result is same as 7 step

Diameter
75mm(3"), 100mm(4"), 125mm(5"), 180mm(7")
Thickness
2.5T, 3.0T
Grits
#1, #2, #3



7STEP-D



Professional 7 Step Pad - Dry

- Dry pad, professional quality guaranteed
- (No coloring)

Diameter
75mm(3"), 100mm(4"), 125mm(5"), 180mm(7")
Thickness
1.5T
Grits
#50, 100, 200, 400, 800, 1500, 3000, Buff



7STEP-W



Professional 7 Step Pad - Wet

- Professional quality for the most effective polishing
- Widely approved superior performance
- Super polishing, faster than any others

Diameter
75mm(3"), 100mm(4"), 125mm(5"), 180mm(7")
Thickness
2.5T, 3.0T
Grits
#50, 100, 200, 400, 800, 1500, 3000, Buff



EPD



Edge Polishing Disk

- Premium quality, long life time
- 7 step polishing system by radial arm machine or cnc machine
- Snail lock & velcro backing available
- From #50 to #3000 & buff
- For straight edge polishing



RDW



Resin Drum Wheel

- 7 step polishing system by radial arm machine or cnc machine
- For inside radius polishing (Dry / Wet)
  - 50mm diameter for radial arm machine and manual machine
  - 75mm diameter for cnc machine
- Barrel length 40L standard 50L available



BP

Backer Pad - Rubber / Rigid / Aluminium Type

Diameter
75mm(3"), 100mm(4"), 125mm(5"), 180mm(7")





## **Electroplated Tools**





1) Reinforced both flanges body type

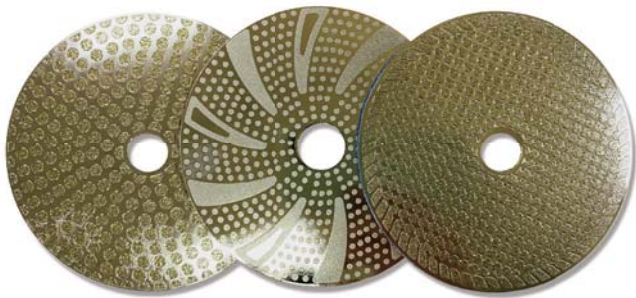


2) Fullface type

EST

Electroplated Silent Turbo

- New concept of special coated diamond both side
- 40% faster and 100% longer lifetime (10W) than normal electroplated blade
- Silent very soft touch while working
- Two types available
  - 1) Reinforced both flanges body type
    - Straight : marble mainly
  - 2) Fullface type
    - Straight : marble mainly
    - Chamfering : marble, porcelain & tile



EPP

Electroplated Polishing Pad

- Premium quality for marble
- #50, 100, 200, and 400
- Dot type, hurricane type, and new dot type available



Diameter
From 100mm(4") To 180mm(7")



Hand Pad

EHP

Electroplated Handpad

- Diamond hand polishing pads are used for polishing, grinding, restoring / cleaning areas hard to reach by polishing tools like wet grinder polisher, angle grinder etc
- Cost saver for small polishing project



Grits
#50, 100, 200, 400, 800, 1500, 3000
(Resin type available from #400 to #3000)



EPT

Electroplated Products

- Never fail to meet customer's expectation (No.1 quality in Korea)
- Best performance approved / guaranteed compared to any other ones
- World-wide best selling



Diameter
Any size available per request



1N1 type

EFW

Electroplated Flap Wheel

- World top quality for marble, metal, and precise finishing
- Two types available
  - 1) 1N1 type: 1 dia & 1 silicon paper intercrossed
  - 2) All type: dia paper in all layers



Diameter
From 100mm(4") To 180mm(7")
Grits
#50, 100, 200, 400, 800, 1500, 3000





## **Construction Tools**

ADLW

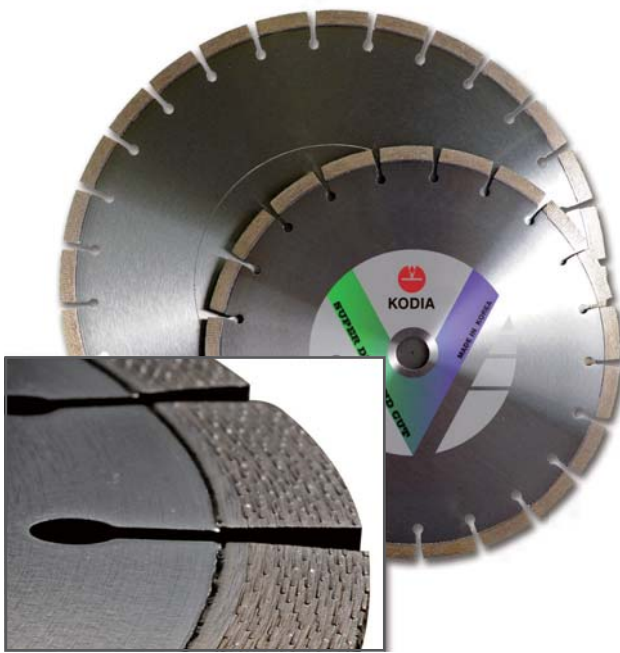


Arrayed Diamond Laser Welded Saw Blade

- Material : concrete, green concrete, asphalt, building materials and universal
- Arrayed diamond segment
- Multi layers with zigzag pattern
- Zigzag patterns allow diamond worn out fairly and work up to the end without loss
- Extremely fast cut & long duration
- Professional

Diameter

From 230mm(9") To 1000mm(40")



TLWS

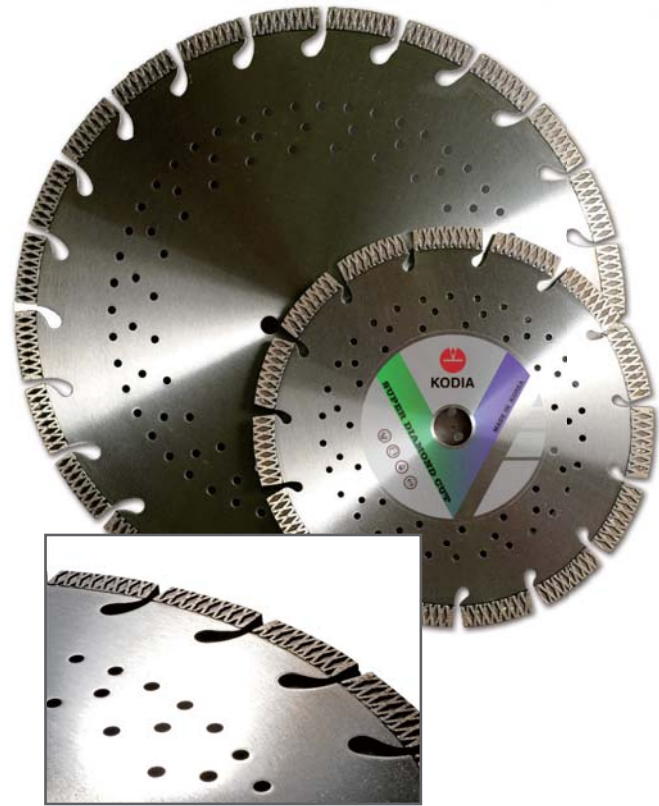


Turbo Laser Welded Saw Blade

- Material : cured concrete, masonry, brick/block, granite and universal
- "X" patterned turbo segment enables to cut faster and smoother
- Very good cutting performance with considerable lifetime
- Best multi-purpose blade
- Unique design

Diameter

From 230mm(9") To 1000mm(40")



ADLW-ULTRA



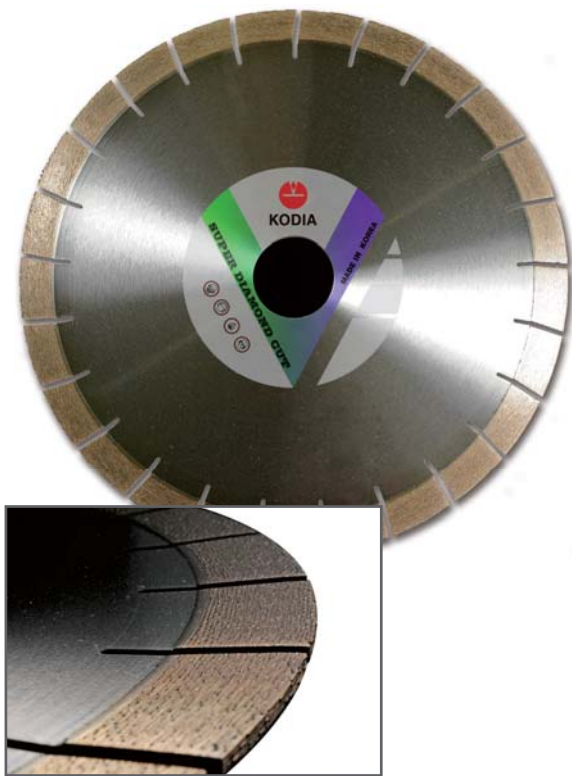
Arrayed Diamond Ultra Silent Saw Blade

- Material : granite, marble, limestone and sandstone
- Arrayed diamond segment (25W)
- Fast cut & long lifetime
- No chipping and clean-cutting edge with narrow segment spacing
- Silent effect with copper-plated sandwich core

Diameter

From 350mm(14") To 600mm(24")

25mm tall segment



NLWS



Normal Laser Welded Saw Blade

- Material : universal, reinforced concrete, asphalt, green concrete, building materials, masonry, brick/block, granite, marble
- Economical efficiency

Diameter

From 100mm(4") To 1000mm(40")

Segment Height

4 different types for undercut protection available  
(T.C Tips, Deep, Drop, Slanted)







SLWS

Super Laser Welded Saw Blade



- Material: porcelain, ceramic tile
- Designed by special and high technical laser production system
- Have both strong points of laser welded blade & sintered blade to be able to very fast and clean cutting at a time

Diameter

From 300mm(12") To 400mm(16")

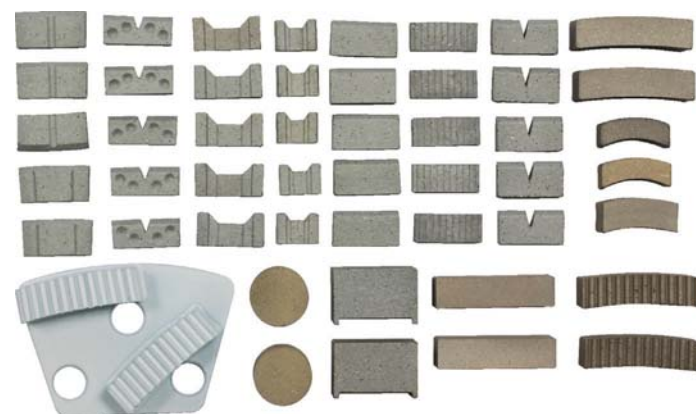


GBS

Concrete Grinding Button And Button Shoe



- Fast and aggressive grinding removing without scratch
- Replacement of all existing metal segment shoes
- Can minimize metal shoe steps
  - Minimum 2 steps save
  - Button grit : 25/30, 50/60, 80/100, 100/120
- Button shoes shorten polishing / finishing times
- Excellent for terrazzo
- 27mm x 5T



SEGMENT

All Kinds Of Segments Available For Reinforced Concrete, Bridge Saw And Core Drills



- 30% faster and 30% longer life time guaranteed
- Very fast dust extraction
- Turbo roof top / dimple roof top / crown turbo / super slit / plain segments and shoes
- All diameter / sizes available
- Excellent for terrazzo
- 27mm x 5T

Special Tool



STP



Sandwich Tuck-point

- For joint cutting on construction wall or floor
- Unique double layer(sandwich) design, which combines 2 premium blades to provide
  - Less friction for extremely fast cutting
  - Superior efficiency & economy
  - Additional deep side protections are fully embedded within the core for safe cutting
- Sintered with a premium diamond count for longer blade life
- Engineered for extremely fast working for mortal removal, grout repair and cleaning of concrete applications
- Normal turbo segment type and protection type available

Diameter
From 105mm(4") To 125mm(5"), 6.5T
Thread
M14 or 5/8"-11 thread available



SMT



Special Mini Tools And Ball Shaped Burr

- Professional fast working approved
- Easy to use with shaft (turbo or rim type)
- Convenient for precise working, fast surface(no bolt)
- Various small sizes upon request

Diameter
15, 25, 30, 40, 50, 85mm, etc



COC



Coin Cutter (0.18T)

- Precise super thin micro cutters for dental industry
- Fast and long time cutting with whole diamond body

Diameter
From 22mm To 35mm
Thickness
0.18mm(0.007")
Arbor
1.74mm(0.0685") or your request



FB



Finger Bit / Screw On Tip

- Professional quality
- World-top

Diameter
20/20
Thread
M10, M12, 1/2gas sus adaptor



NRB



New High-speed Router Bit

- CNC machine available
- For all kinds of stone, granite, engineered stone
- Fastest & precise drilling by 7 number of segment, long lifetime
- Unique slanted segment
- Special segment type available
- Double twin turbo type available
- Bottom segment available

Diameter
20/22/25.4 X 35/40/50 or upon request



GMW



Gear Wheels And Milling Wheels

- Fastest & efficient internal grinding
- Perfect design, quality
- With resin available

Diameter
50/75/100 X 34/41mm(Gear)
90/150 X 15/20(Milling)



GW



Head Mill, Grooving Wheel And Grooving Wheel Segment

- Professional quality for all kinds of granite, marble
- Excellent balance, precise shaping, water hole, low cost
- With resin available

Diameter
As per customer's request





**CRKC**  
**Crack Chaser**



- Premium approved quality



**VBT**  
**Vacuum Brazed Tools**



- Very fast working & longer lifetime for almost all materials
- Free shape, instant applications
- Any customized sizes & shape available
- No limitation for sizes, designs, applications
- Minimized spark during working



**EC**  
**Emergency Cutter For Emergency And Instant Working**

- Material : steel, concrete, stone, brick and any kind of materials
- Free cutting for steel, concrete, stone, brick and any kind of materials
- Very fast and easy cut for emergency and instant use
- Ideal combination of vacuum brazed segments(5mm height), laser welded and carbide coated body
- Minimized spark during cutting

Diameter
All diameters available

# ! WARNING MANUAL

## Diamond Blades Safety Operation



### WARNING :

"Comply with all cautions and warnings provided by the saw manufacturer. This product should be used in compliance with wear eye protection, examine all machinery and equipment before the operation, and handle all equipment and machinery according to the manufacturer's regulations."

### WARNING :

- Careless or improper use of a diamond blade could cause serious personal injury. Observe the following precautions and tool manufacturer's instructions for using tools and diamond blades.
1. Do not try making curve cuts, could cause the breaking of segments.
  2. Do not enter flanges on the blade into the cut, that this will also cause segment breaking.
  3. Before use, examine the blade for cracks and other damage. Do not use if the damage is suspected, damaged, incorrectly mounted and/or misused blades are extremely dangerous to use.
  4. Always wear proper safety equipment i.e, safety footwear, safety goggles, snug-fitting clothing, hearing, and head protection and proper respiratory equipment.
  5. Always use a blade guard, check for the proper function of the guard on the tool. Never pull guard back, remove them, or leave them in the open position.
  6. Be sure that the arrow on the blade points in the same direction of rotation of the tool.
  7. Make sure the blade is mounted on the tool correctly. Do not use blades that rattle or wobble on the tool.
  8. Do not alter the arbor in the blade. This creates an unbalanced blade rotation resulting in wobbling, pounding or cracking which is hazardous.



