



# **PROFESSIONAL DIAMOND TOOLS MANUFACTURER**

**JK(THAI)**

**DIAMOND BLADE | CUP WHEEL | CORE BIT**

**[www.kingthai.net](http://www.kingthai.net)**



**Kingthai**



# **Company Profile**

JK(THAI)DIAMOND TOOLS CO.,LTD. is a professional manufacturer developing and distributing diamond tools, which is located in Rayong Industrial Park of Thailand with a floor area 18000 square meters.

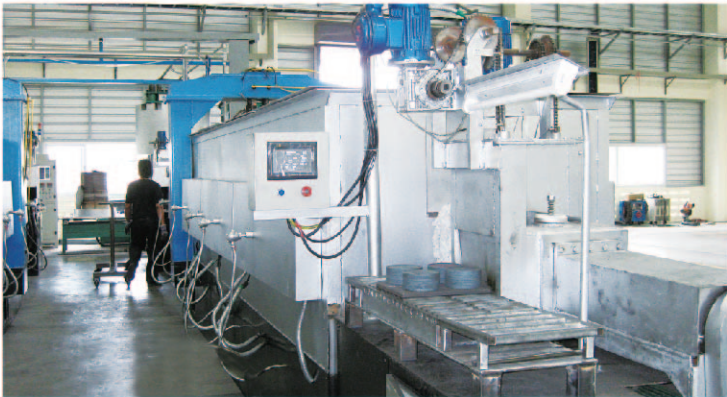
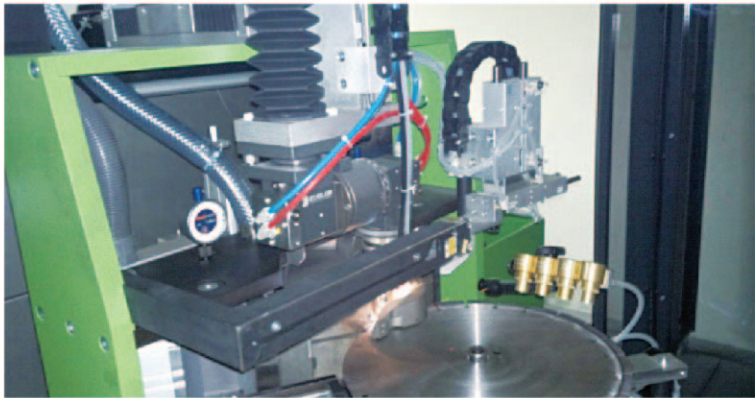
For 15 years, JK(THAI) Company gradually has formed six categories about 200 kinds of products. The main products are laser welded diamond saw blades, hot-pressing sintered saw blades, diamond core bits, diamond grinding cup wheels, grinding discs, segments etc. These products are widely used for cutting, grinding , polishing and drilling stone and building materials such as concrete, asphalt, brick, ceramic tiles etc.

The products have gained recognition worldwide for its safety and good performance. Especially the hot-pressing sintered saw blades, laser welded saw blades and grinding cup wheels have obtained customers' compliment by its unique design and extraordinary quality. More than 90% of the products are exported to Europe, USA, Asia-Pacific, Southeast Asia and Middle East. It is a well accepted brand as “kingthai” in Australia, Thailand and other Southeast Asia countries.





# Plant Surroundings



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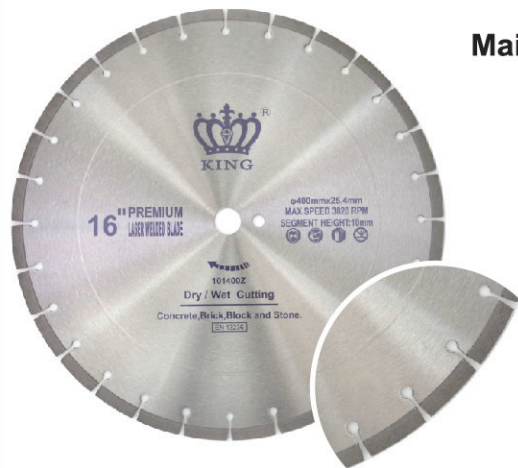
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# CONSTRUCTION MATERIALS

## GENERAL PURPOSE

## PREMIUM



Laser welded

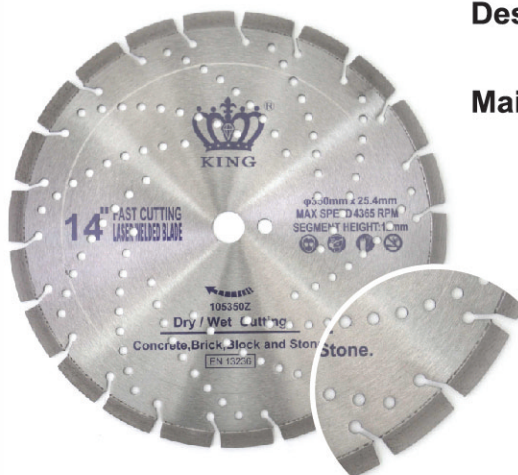
**Designed for :** High psi brick, pave brick, concrete, dense and other non-abrasive materials.

**Main features :** Long life on most concrete, reinforced concrete, bricks, pavers, stones with its all-purpose segments. Perfectly used for fast, chip-free cutting of all materials.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
101300	300mm/12"	40x10x3.2	21	25.4
101350	350mm/14"	40x10x3.2	24	25.4
101400	400mm/16"	40x10x3.2	28	25.4
101450	450mm/18"	40x12x3.6	32	25.4
101500	500mm/20"	40x12x3.6	36	25.4
101600	600mm/24"	40x12x4.6	42	25.4

## GENERAL PURPOSE

## PREMIUM



Laser welded

**Designed for :** High psi brick, pave brick, concrete, dense and other non-abrasive materials.

**Main features :** Long life on most concrete, reinforced concrete, bricks, pavers, stones with its all-purpose segments. Perfectly used for fast, chip-free cutting of all materials.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
105350	350mm/14"	40x12x3.2	22	25.4



## TURBO SEGMENT

## PREMIUM



**Designed for :** High psi brick, pave brick, concrete, dense and other non-abrasive materials.

**Main features :** This blade incorporates a segmented turbo configuration which combines cleanness and fastness while cutting. Air-cooled holes that extend towards the core create a smooth and finished edge.



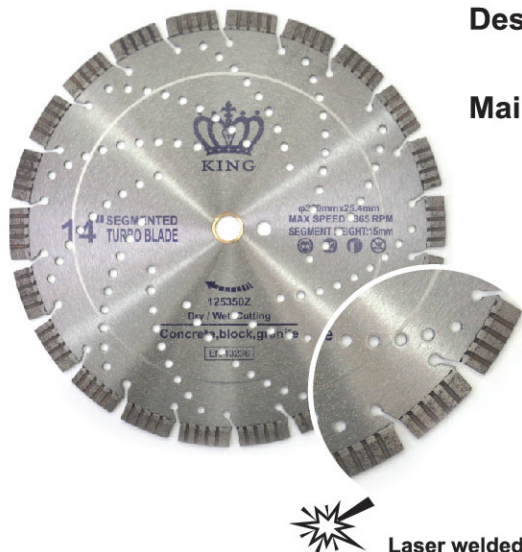
Laser welded

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
124100	105mm/4"	28x12x2.2	8	22.23
124115	115mm/4.5"	32x12x2.2	8	22.23
124125	125mm/5"	32x12x2.2	9	22.23
124180	180mm/7"	32x12x2.5	14	◇
124230	230mm/9"	40x12x2.6	15	22.23
124250	250mm/10"	40x12x2.6	16	22.23
124300	300mm/12"	40x15x3.2	20	25.4
124350	350mm/14"	40x15x3.2	22	25.4
124400	400mm/16"	40x15x3.2	26	25.4
124450	450mm/18"	40x15x3.6	30	25.4
124500	500mm/20"	40x15x3.6	34	25.4
124600	600mm/24"	40x15x4.6	42	25.4



## TURBO SEGMENT

## EXTREME



**Designed for :** High psi brick, pave brick, concrete, dense and other non-abrasive materials.

**Main features :** Long life on most concrete, reinforced concrete, bricks, pavers, stones with its all-purpose segments. Perfectly used for fast, chip-free cutting of all materials.

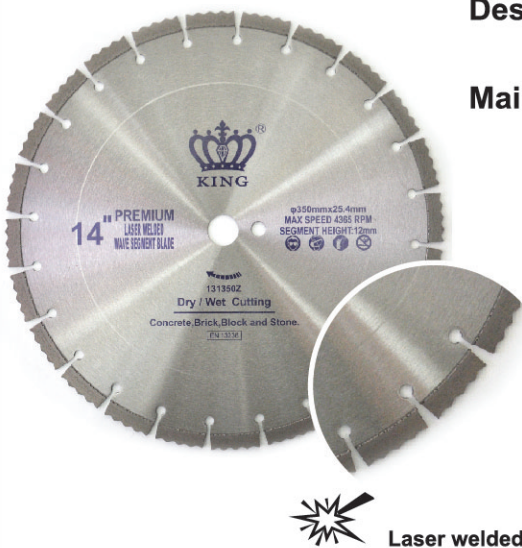
Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
125350	350mm/14"	40x15x3.2	22	25.4
125500	500mm/20"	40x15x3.6	34	25.4



Laser welded

## WAVE SEGMENT

## PREMIUM



**Designed for :** High psi brick, pave brick, concrete, dense and other non-abrasive materials.

**Main features :** With aggressive notched segments, this blade can grab and grind target material for a rapid first cut. Chopping and ripping any target quickly and efficiently making it ideal for large jobs.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
131300	300mm/12"	40x12x3.2	20	20
131350	350mm/14"	40x12x3.2	24	25.4



Laser welded



## DROP SEGMENT

## EXTREME



Laser welded

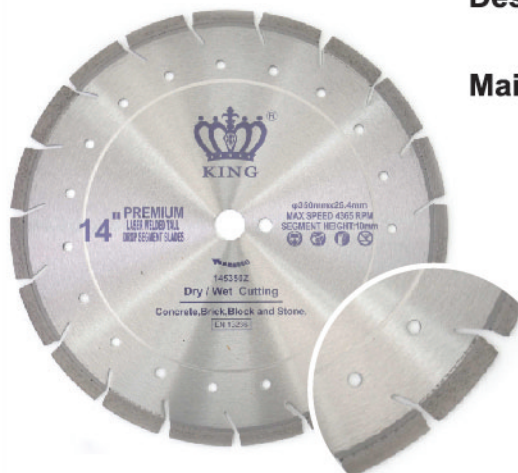
**Designed for :** High psi brick, pave brick, concrete, dense and other non-abrasive materials.

**Main features :** Incorporated with standard segment configuration and undercut protection with and airholes design, all that focuses on maximizing cooling and chip-free cutting. Laser welded process ensures strong connection between steel body and segments, that all comes to a longer life.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
144350	350mm/14"	40x10x3.2	3+12+9	25.4
144400	400mm/16"	40x10x3.2	3+13+10	25.4
144500	500mm/20"	40x12x3.6	4+15+15	25.4

## DROP SEGMENT

## PREMIUM



Laser welded

**Designed for :** High psi brick, pave brick, concrete, dense and other non-abrasive materials.

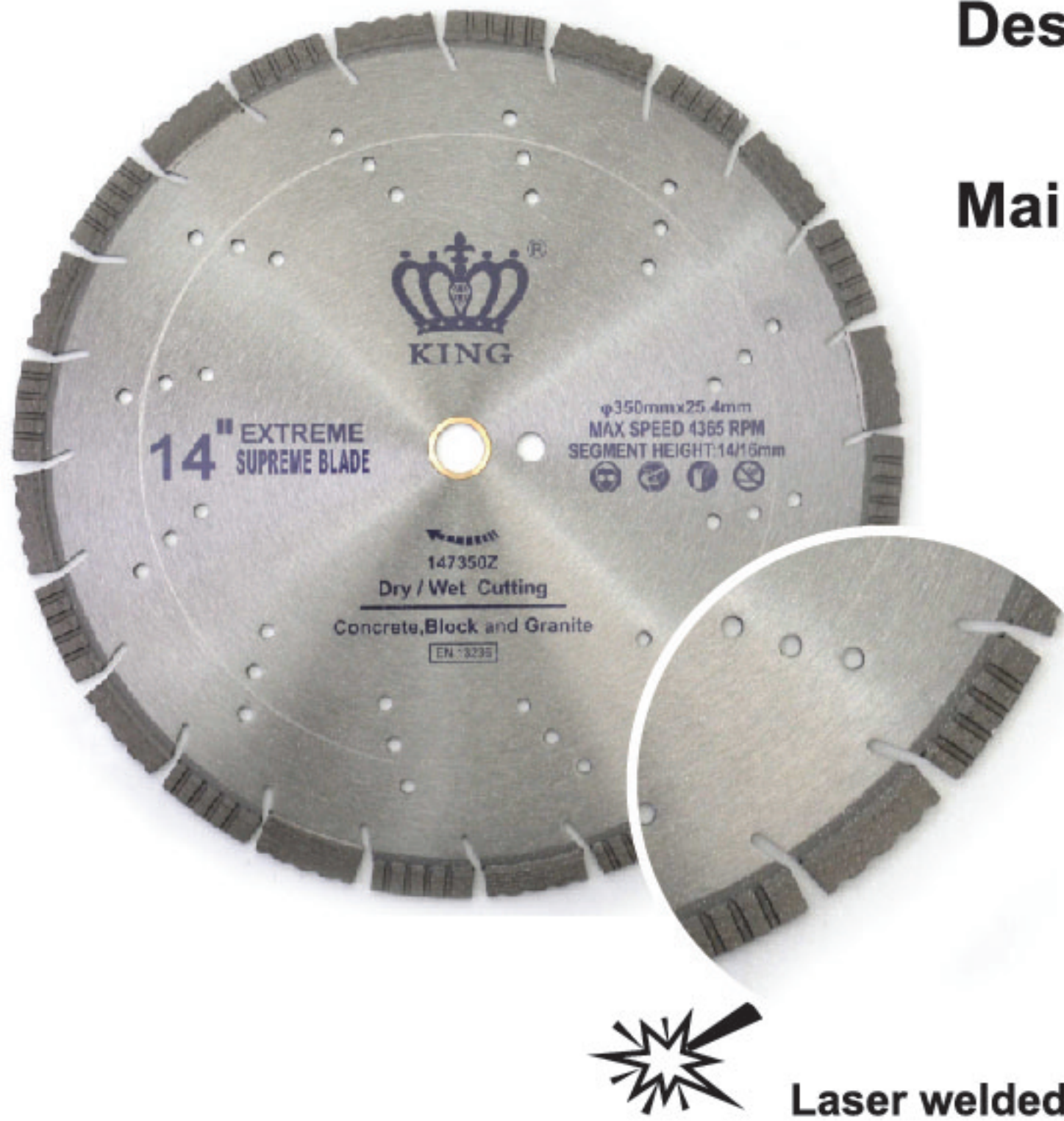
**Main features :** Incorporated with standard segment configuration and undercut protection with and airholes design, all that focuses on maximizing cooling and chip-free cutting. Laser welded process ensures strong connection between steel body and segments, that all comes to a longer life.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
145350	350mm/14"	50x10x3.2	15+4	25.4



## TURBO SEGMENT

## EXTREME



**Designed for :** High psi brick, pave brick, concrete, dense and other non-abrasive materials.

**Main features :** Incorporated with standard segment configuration and undercut protection with and airholes design, all that focuses on maximizing cooling and chip-free cutting. Laser welded process ensures strong connection between steel body and segments, that all comes to a longer life.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
147350	350mm/14"	40x12x3.2	12+9+3	25.4



Laser welded

## SILENT BLADE

## EXTREME



**Designed for :** Granite, marble, any concrete, brick, masonry.

**Main features :** Sandwich steel core technology is used to significantly reduce sawing noise. Fast cutting and long life performs perfectly for cutting variety of materials.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
161350	350mm/14"	40x12x3.2	24	25.4
161400	400mm/16"	40x12x3.2	27	25.4
161500	500mm/20"	40x12x3.6	35	25.4



LOW NOISE

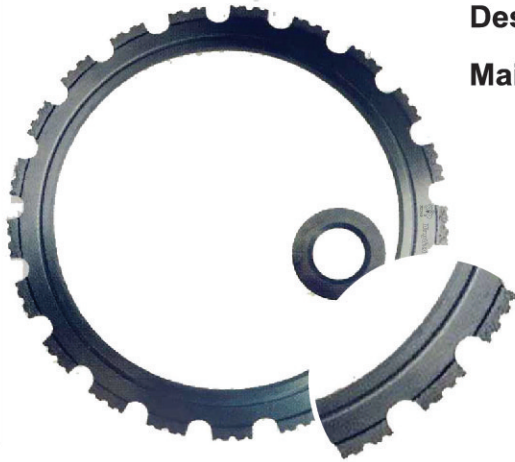


Laser welded



## RING SAW BLADE

## PREMIUM



Laser welded

**Designed for :** Stone, concrete, brick.

**Main features :** This blade with a drive disk is fast cutting with depths up to 10".

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
190350	350mm/14"	33x9.5x4.2	21	288



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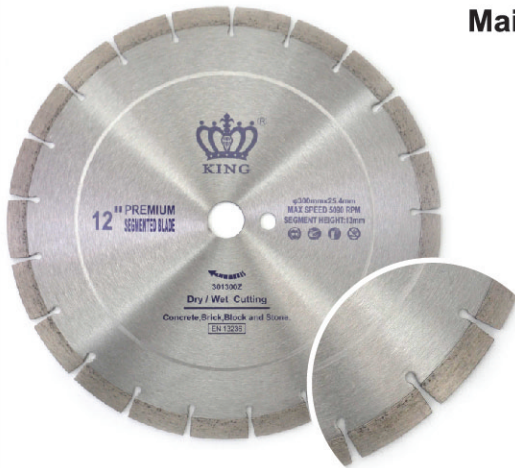


## SEGMENTED SAW BLADE PREMIUM



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** Most common and cost effective blade which comes with versatility and wide range of materials. Premium blade is first choice if longer life is what is more important to you.



Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
301105	105mm/4"	30.5x10x2	8	22.23
301115	115mm/4.5"	30.5x10x2	9	22.23
301125	125mm/5"	30.5x10x2	10	22.23
301180	180mm/7"	33x10x2.3	14	22.23
301230	230mm/9"	38.4x10x2.5	16	22.23
301300	300mm/12"	38.4x13x2.9	21	25.4
301350	350mm/14"	39.7x13x3.2	24	25.4
301400	400mm/16"	46.3x13x3.2	24	25.4



## SEGMENTED SAW BLADE **ECONOMY**



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** More economical, works well especially on all types of materials and surfaces. General purpose for most applications



Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
303105	105mm/4"	30.5x10x2	8	22.23
303115	115mm/4.5"	30.5x10x2	9	22.23
303125	125mm/5"	30.5x10x2	10	22.23
303150	150mm/6"	33x10x2	11	22.23
303180	180mm/7"	33x10x2.3	14	22.23
303230	230mm/9"	38.4x10x2.5	16	22.23
303250	250mm/10"	37.5x10x2.5	18	22.23
303300	300mm/12"	38.4x13x2.9	21	25.4
303350	350mm/14"	39.7x13x3.2	24	25.4
303400	400mm/16"	46.3x13x3.2	24	25.4





## SEGMENTED SAW BLADE PREMIUM



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** More economical, works well especially on all types of materials and surfaces. Try to match the quality of the blade to the excellent job.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
305350	350mm/14"	39.7x15x3.2	24	25.4

## SEGMENTED SAW BLADE PREMIUM



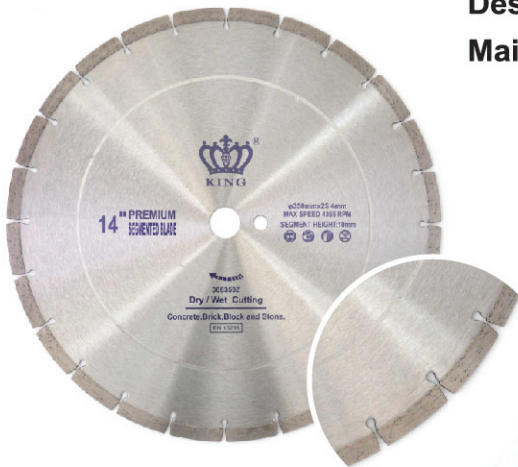
**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** More economical, works well especially on all types of materials and surfaces. Try to match the quality of the blade to the excellent job.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
307300	300mm/12"	39.2x10x2.9	21	25.4
307350	350mm/14"	40.6x10x2.9	24	25.4



## SEGMENTED SAW BLADE PREMIUM



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** More economical, works well especially on all types of materials and surfaces. Try to match the quality of the blade to the excellent job.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
308300	300mm/12"	39.2x10x2.9	21	25.4
308350	350mm/14"	40.6x10x2.9	24	25.4

## SEGMENTED SAW BLADE WITH DROP SEGMENT PREMIUM



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** Incorporates standard segment configuration with undercut protection to the core. Hot pressed sintered process ensures strong connection between steel body and segments, along with wide ranged durability, that all comes at economical price levels.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
311125	125mm/5"	24.4x8x2	8+4	22.23
311150	150mm/6"	24x8x2	10+5	22.23
311180	180mm/7"	30.2x8x2.3	10+5	◇



## WITH DROP SEGMENT

## PREMIUM



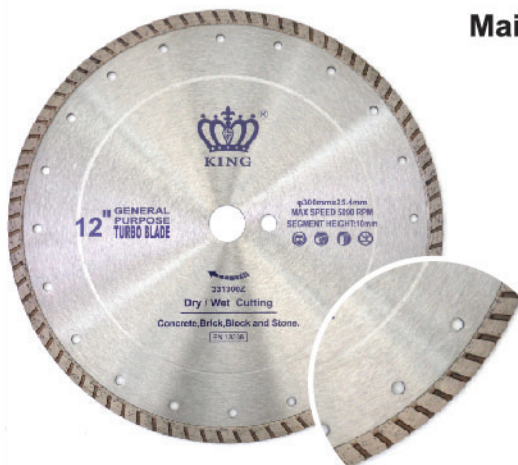
**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** More economical, works well on all types of materials and surfaces. Try to match the quality of the blade to the excellent job.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
315300	300mm/12"	42x103.2	15+5	25.4
315350	350mm/14"	41x10x3.2	18+6	25.4
315400	400mm/16"	48x10x3.4	18+6	25.4

## TURBO BLADE

## ECONOMY



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** Provides fast , smooth cutting of a variety of materials. This blade gives turbo performance at an affordable price level.

Product No.	Dia.	Segment Dimension (HxW mm)	Arbor(mm)
331105	105mm/4"	10x2.2	22.23
331115	115mm/4.5"	10x2.2	22.23
331125	125mm/5"	10x2.2	22.23
331150	150mm/6"	10x2.2	22.23
331180	180mm/7"	10x2.5	22.23
331250	250mm/10"	10x2.7	25.4
331300	300mm/12"	10x3.2	25.4
331350	350mm/14"	10x3.2	25.4



## TURBO SEGMENTED BLADE **EXTREME**



**Designed for :** Hard brick, hard concrete, masonry, stone.

**Main features :** This blade is specially recommended for fast cutting of a variety of materials, including hard concrete. Try to match the quality of the blade to the most excellent job.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
379350	300mm/12"	41.5x15x3.5	22	25.4
379400	350mm/14"	44x15x3.5	24	25.4



**JK(THAI)DIAMOND TOOLS CO., LTD.**



# CERAMIC TILE & PORCELAIN

## CONTINUOUS RIM BLADE **ECONOMY**



**Designed for :** Ceramic tile, porcelain.

**Main features :** Wet cutting most ceramic tiles, quarry tiles, porcelain tiles and other similar materials. Gives smoothest, fastest, chip-free cutting possible. Recommended for precisely work between tiles and small to large jobs.

Product No.	Dia.	Segment Dimension (HxW mm)	Arbor(mm)
320105	105mm/4"	7x1.5	22.23
320115	115mm/4.5"	7x1.5	22.23
320125	125mm/5"	7x1.5	22.23

## CONTINUOUS RIM BLADE **PREMIUM**



**Designed for :** Ceramic tile, porcelain.

**Main features :** Wet cutting most ceramic tiles, quarry tiles, porcelain tiles and other similar materials. Gives smoothest, fastest, chip-free cutting possible. Recommended for precisely work between tiles and small to large jobs.

Product No.	Dia.	Segment Dimension (HxW mm)	Arbor(mm)
325180	180mm/7"	10x1.7	22.23
325230	230mm/9"	10x1.7	22.23
325250	250mm/10"	10x1.7	25.4
325300	300mm/12"	10x2.2	25.4
325350	350mm/14"	10x2.4	25.4



## SUPER THIN TURBO BLADE PREMIUM



**Designed for :** Ceramic tile, porcelain.

**Main features :** Used for fast, clean, sharp cutting of ceramics, porcelain tiles, granites and other stone materials. Ideal for tile works of high production quality and extended blade life.



Product No.	Dia.	Segment Dimension (HxW mm)	Arbor(mm)
341105	105mm/4"	8x1.4	22.23
341115	115mm/4.5"	8x1.4	22.23
341125	125mm/5"	8x1.4	22.23



# ASPHALT & ABRASIVE MATERIALS

## GENERAL PURPOSE

## PREMIUM



**Designed for :** Asphalt, reinforced concrete, and other abrasive building materials.

**Main features :** Unique laser welded blade suitable for asphalt and abrasive materials. With high protection segments, the blade could realize a perfect performance and long service life.



Laser welded

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
141300	300mm/12"	40x10x3.2	18+3	25.4
141350	350mm/14"	40x10x3.2	21+3	25.4
141400	400mm/16"	40x10x3.2	24+4	25.4
141450	450mm/18"	40x10x3.6	28+4	25.4
141500	500mm/20"	40x10x3.6	32+4	25.4
141600	600mm/24"	40x12x4.5	35+7	25.4



# GRANITE MARBLE BLADE

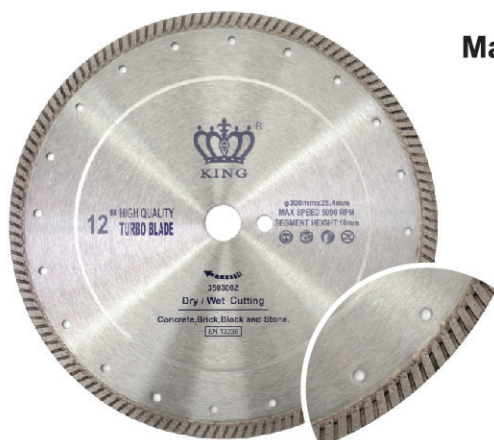
## TURBO BLADE

## PREMIUM



**Designed for :** Asphalt, reinforced concrete, and other abrasive building materials.

**Main features :** Gives fast, smooth cutting on most masonry, stone or hard concrete materials. Air-cooled holes that extend towards the core, along with a continuous turbo rim, all that creates a smooth and finished edge.



Product No.	Dia.	Segment Dimension (HxW mm)	Arbor(mm)
350105	105mm/4"	10x2.2	22.23
350115	115mm/4.5"	10x2.2	22.23
350125	125mm/5"	10x2.2	22.23
350150	150mm/6"	10x2.2	22.23
350180	180mm/7"	10x2.5	22.23
350230	230mm/9"	10x2.7	22.23
350250	250mm/10"	10*2.7	22.23
350300	300mm/12"	10x3.2	25.4
350350	350mm/14"	10x3.2	25.4



# TUCKPOINT BLADE

## GROOVE BLADE

## EXTREME



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** The bevel tuckpoint blade is used for crack chasing and mortar removal. The V-shaped segments leave a clean groove for easy filling and repair along with quick cutting between brick and block.

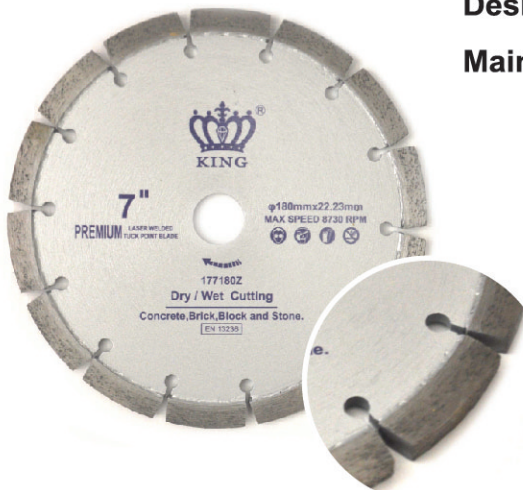
Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
176105	105mm/4"	32x12.7x9.5	7	5/8-11UNC
176180	180mm/7"	34x12.7x9.5	13	5/8-11UNC



**V-SHAPE SEGMENTS**

## CRACK CHASER TUCKPOINT BLADE

## PREMIUM



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** This blade cleans, routs and repairs cracks in concrete and other materials. With square shaped segments equipped, it has excellent performance and longer life both on hard and soft materials.

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
177125	125mm/5"	30x10x6.4	10	22.23
177180	180mm/7"	34x10x6.4	14	22.23
177350	350mm/14"	40x10x10	24	27
177400	400mm/16"	40x10x10	28	27



## GROOVE BLADE

## EXTREME



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** The groove tuckpoint blade is used for crack chasing and mortar removal. The V-shaped segments leave a clean groove for easy filling and repair, fast cutting and quickly removing mortar between brick and block, etc.



**V-SHAPE SEGMENTS**

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
178105	105mm/4"	32x12.7x9.5	7	22.23
178125	125mm/5"	32x12.7x9.5	9	22.23
176180	180mm/7"	34x12.7x9.5	13	22.23

## TUCKPOINT BLADE

## PREMIUM



**Designed for :** Concrete, brick, block, masonry, stone.

**Main features :** With sandwich steel core to be used for tuckpointing and mortar removal, fast cutting and quickly removing between brick and block, etc.



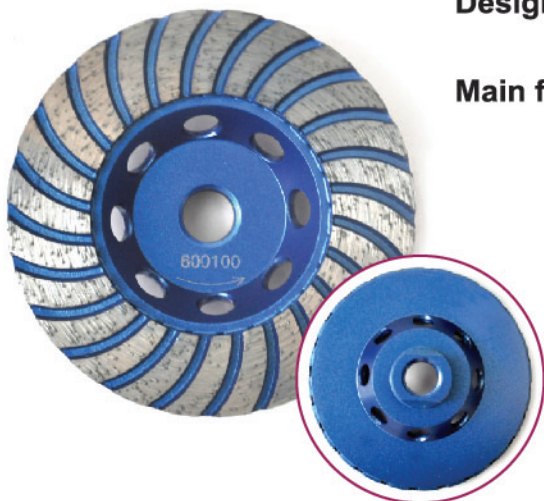
**DOUBLE BLADE**

Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
381115	115mm/4.5"	30.5x10x6.4	18	22.23
381125	125mm/5"	30.5x10x6.4	20	22.23



# BRAZED CUP WHEEL

## TURBO BOWL CUP WHEEL **PREMIUM**

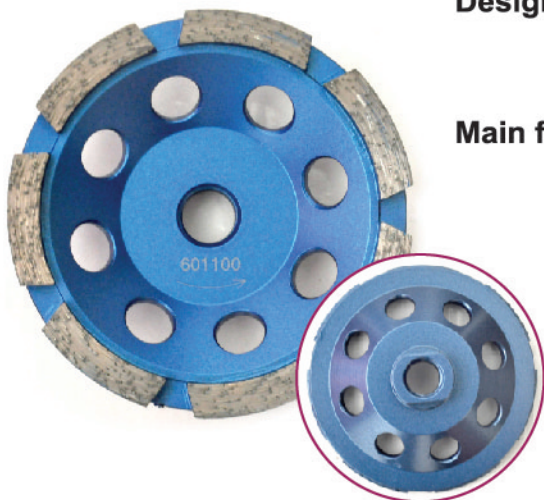


**Designed for :** Grinding concrete, refractory brick and other natural stone.

**Main features :** Fast grinding speed, high efficiency, and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Arbor(mm)
600100	100mm/4"	5.5	5/8"-11

## FAST GRINDING SINGLE ROW CUP WHEEL **PREMIUM**



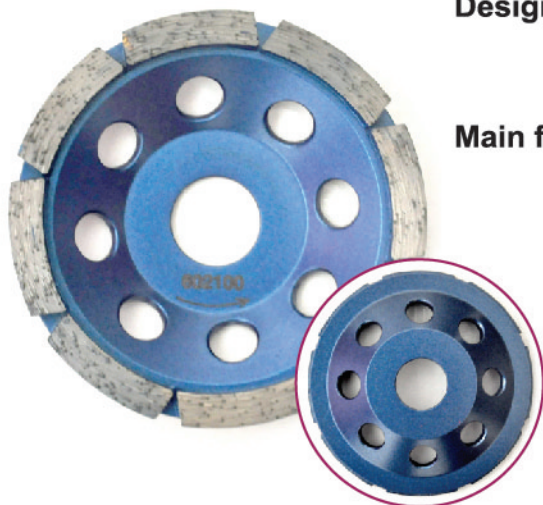
**Designed for :** Grinding concrete, masonry and a variety of other applications. The single row configuration allows for very fast aggressive stock removal.

**Main features :** Combine high performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
601100	100mm/4"	5.5	7	5/8"-11



## FAST GRINDING SINGLE ROW CUP WHEEL **PREMIUM**

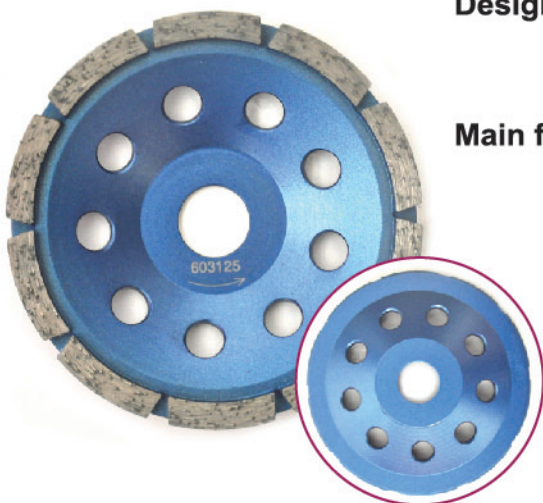


**Designed for :** Grinding concrete, masonry and a variety of other applications. The single row configuration allows for very fast aggressive stock removal.

**Main features :** Combine high performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
602100	100mm/4"	5.5	8	22.23

## FAST GRINDING SINGLE ROW CUP WHEEL **PREMIUM**



**Designed for :** Grinding concrete, masonry and a variety of other applications. The single row configuration allows for very fast aggressive stock removal.

**Main features :** Combine high performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
603125	125mm/5"	5.5	10	22.23

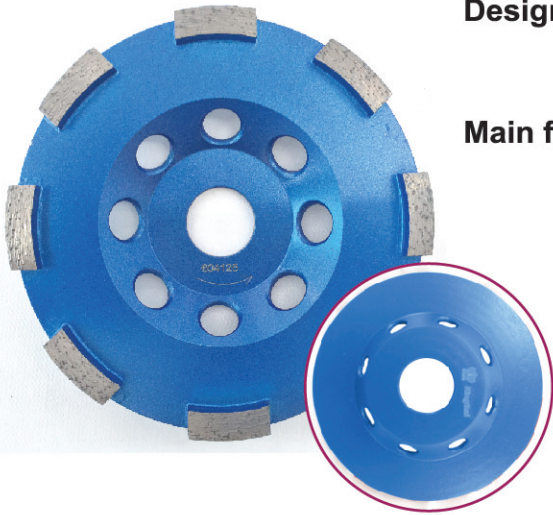




# Brazed Cup Wheel

## MEDIUM GRINDING SINGLE ROW CUP WHEEL

### PREMIUM



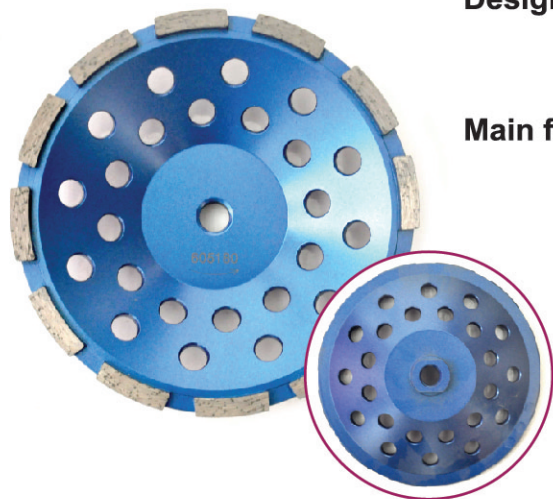
**Designed for :** Grinding concrete, masonry and a variety of other applications. The single row configuration allows for very fast aggressive stock removal.

**Main features :** Excellent cost performance value, very fast and aggressive grinding, use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
604125	125mm/5"	5.5	8	22.23

## MEDIUM GRINDING SINGLE ROW CUP WHEEL

### PREMIUM



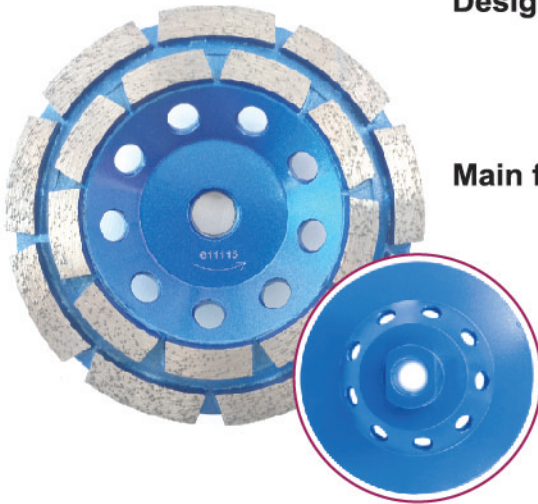
**Designed for :** Grinding concrete, masonry and a variety of other applications. The single row configuration allows for very fast aggressive stock removal.

**Main features :** Excellent cost performance value, very fast and aggressive grinding, use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
605180	180mm/7"	5.5	12	5/8"-11



## FAST GRINDING DOUBLE ROW CUP WHEEL **PREMIUM**

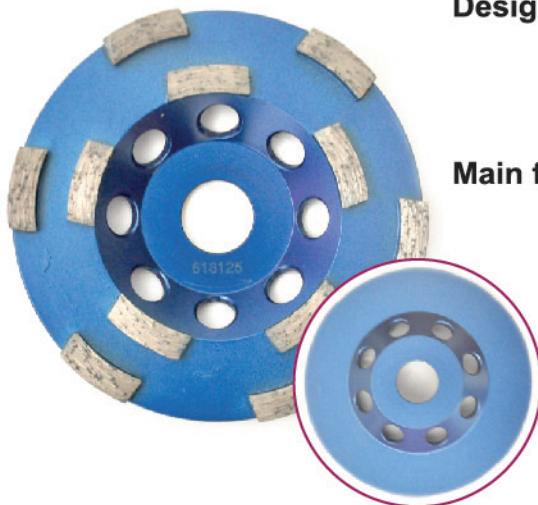


**Designed for :** Grinding concrete, masonry and a variety of other applications. The double row configuration provides a smoother finish and more stable platform than traditional single row cup wheel.

**Main features :** Combine high performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
611105	105mm/4"	5.5	14	5/8"-11
611115	115mm/4.5"	5.5	18	5/8"-11
611180	180mm/7"	5.5	24	5/8"-11

## MEDIUM GRINDING DOUBLE ROW CUP WHEEL **PREMIUM**



**Designed for :** Grinding concrete, masonry and a variety of other applications. The medium grinding double row cup wheel allows for very fast aggressive stock removal.

**Main features :** Excellent cost performance value, very fast and aggressive grinding, use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
618125	125mm/5"	5.5	11	22.23



## FAST GRINDING SEGMENTED TURBO CUP WHEEL

## PREMIUM



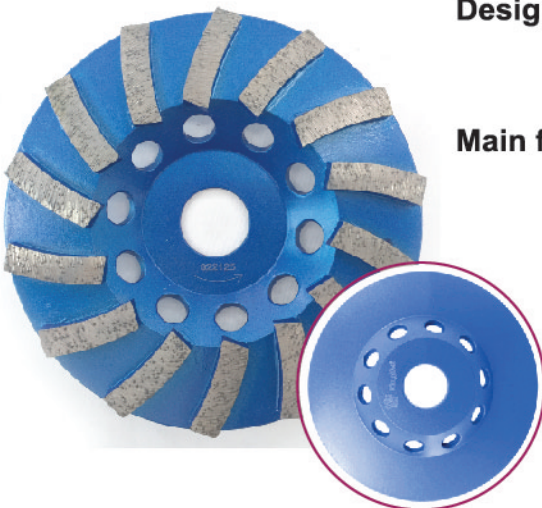
**Designed for :** Providing the most stable grinding platform of any cupwheels, preventing gouging and uneven grinds.

**Main features :** High performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
621105	105mm/4"	5.5	7	5/8"-11
621115	115mm/4.5"	5.5	9	5/8"-11
621180	180mm/7"	5.5	12	5/8"-11

## FAST GRINDING SEGMENTED TURBO CUP WHEEL

## PREMIUM



**Designed for :** Providing the stable grinding platform of any cupwheels, preventing gouging and uneven grinds.

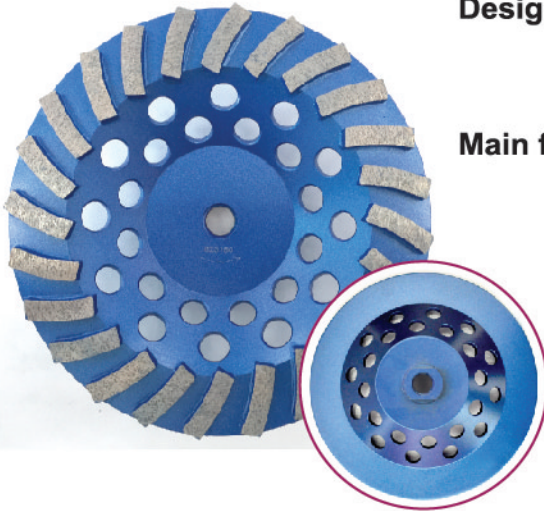
**Main features :** High performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
622115	115mm/4.5"	5.5	8	22.23
622125	125mm/5"	5.5	12	22.23
622180	180mm/7"	5.5	14	22.23



## FAST GRINDING SEGMENTED TURBO CUP WHEEL

## PREMIUM



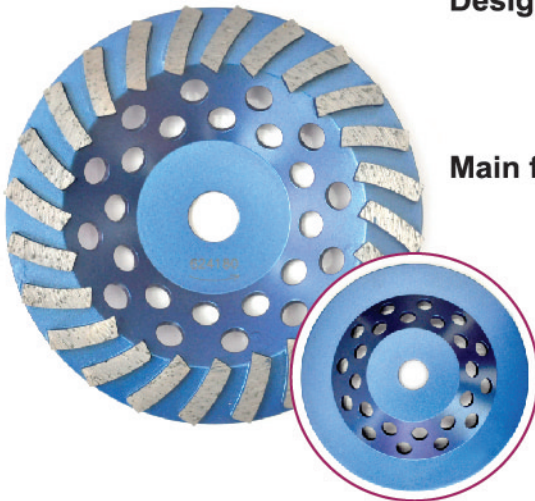
**Designed for :** Providing the most stable grinding platform of any cupwheels, preventing gouging and uneven grinds.

**Main features :** Combine high performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
623105	105mm/4"	5.5	10	5/8"-11
623115	115mm/4.5"	5.5	12	5/8"-11
623180	180mm/7"	5.5	24	5/8"-11

## FAST GRINDING SEGMENTED TURBO CUP WHEEL

## PREMIUM



**Designed for :** Grinding concrete, masonry and a variety of other applications. The medium grinding double row cup wheel allows for very fast aggressive stock removal.

**Main features :** Excellent cost performance value, very fast and aggressive grinding, use dry or wet.

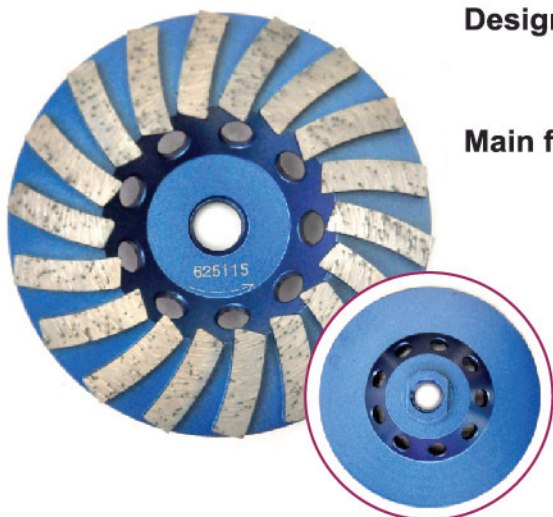
Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
624180	180mm/7"	5.5	24	22.23





## FAST GRINDING SEGMENTED TURBO CUP WHEEL

### PREMIUM



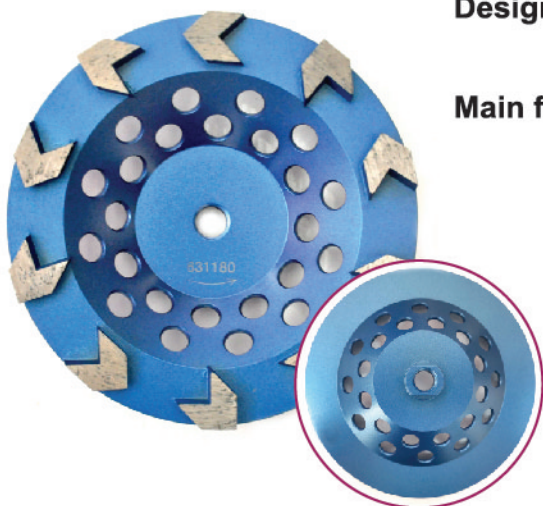
**Designed for :** Providing the most stable grinding platform of any cupwheels, preventing gouging and uneven grinds.

**Main features :** High performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
625105	105mm/4"	5.5	9	5/8"-11
625115	115mm/4.5"	5.5	18	5/8"-11

## FAST GRINDING ARROW SEGMENT CUP WHEEL

### PREMIUM



**Designed for :** Grinding concrete, refractory brick and other natural stone.

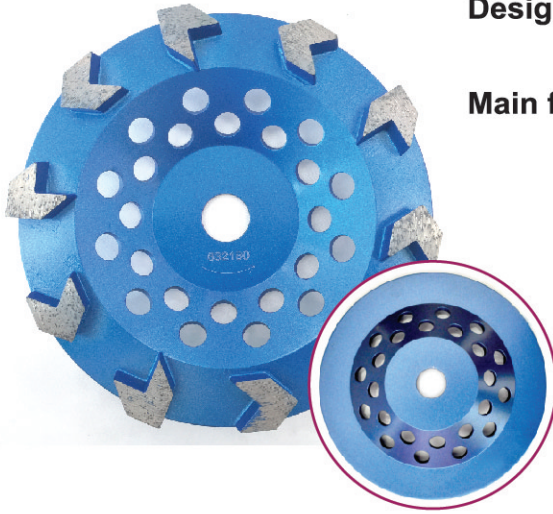
**Main features :** Excellent cost performance value, special segment design, fast grinding, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
631180	180mm/7"	10	10	5/8"-11



## FAST GRINDING ARROW SEGMENT CUP WHEEL

### PREMIUM



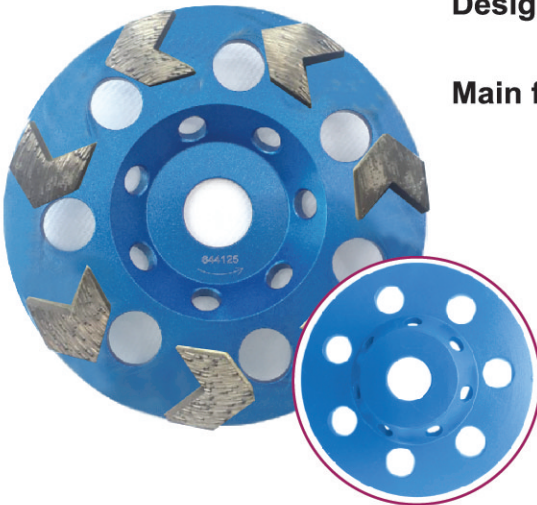
**Designed for :** Grinding concrete, refractory brick and other natural stone.

**Main features :** Excellent cost performance value, special segment design, fast grinding, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
632125	125mm/5"	10	6	22.23
632180	180mm/7"	10	10	22.23

## FAST GRINDING ARROW SEGMENT CUP WHEEL

### PREMIUM



**Designed for :** Grinding concrete, refractory brick and other natural stone.

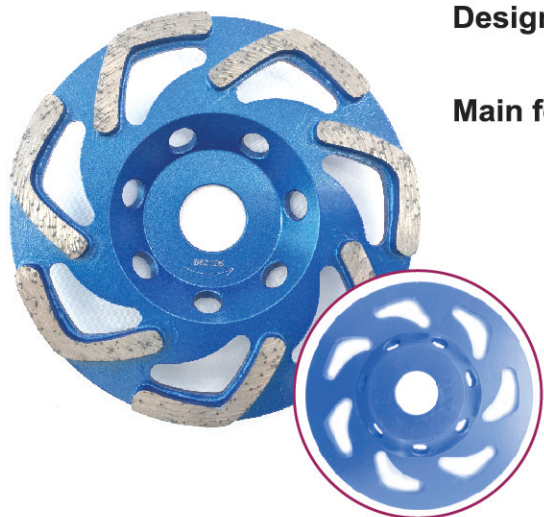
**Main features :** Excellent cost performance value, special segment design, fast grinding, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
633125	125mm/5"	6.5	7	22.23



## FAST BLOOMERANG CUP WHEEL

## PREMIUM



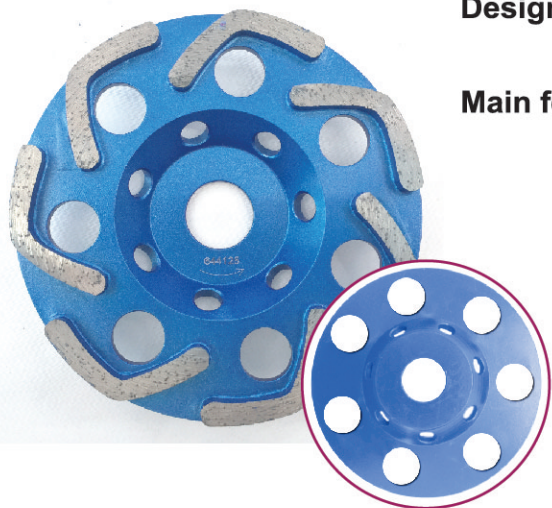
**Designed for :** Grinding natural stone, granite, concrete, building materials.

**Main features :** Combine high performance with a competitive price, very fast and aggressive grinding, long life, high efficiency, excellent dust removal, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
642150	150mm/6"	5	7	19

## FAST BLOOMERANG CUP WHEEL

## PREMIUM



**Designed for :** Grinding natural stone, granite, concrete, building materials.

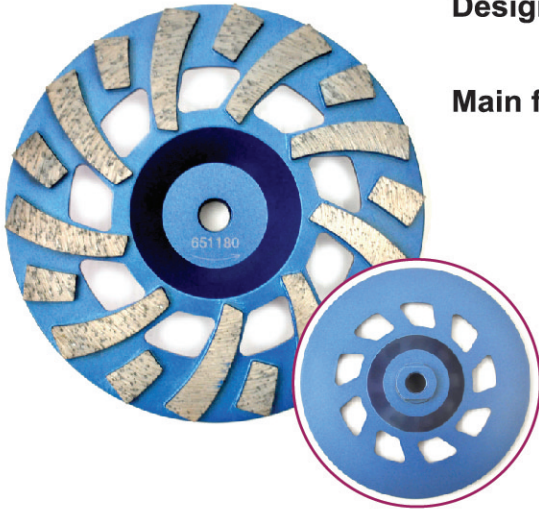
**Main features :** Combine high performance with a competitive price, very fast and aggressive grinding, long life, high efficiency, excellent dust removal, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
644105	105mm/4"	5	5	22.23
644125	125mm/5"	5	7	22.23
644150	150mm/6"	5	7	22.23
644180	180mm/7"	5	9	22.23



## FAST SUPER FAN CUP WHEEL

## PREMIUM



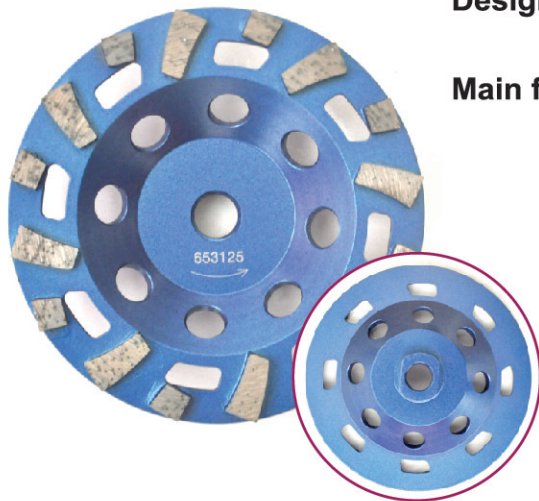
**Designed for :** Grinding natural stone, granite, concrete, building materials.

**Main features :** Fast grinding speed, high efficiency, excellent dust removal, long service life, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
651180	180mm/7"	5	18	5/8"-11

## FAST SUPER FAN CUP WHEEL

## PREMIUM



**Designed for :** Grinding natural stone, granite, concrete, building materials.

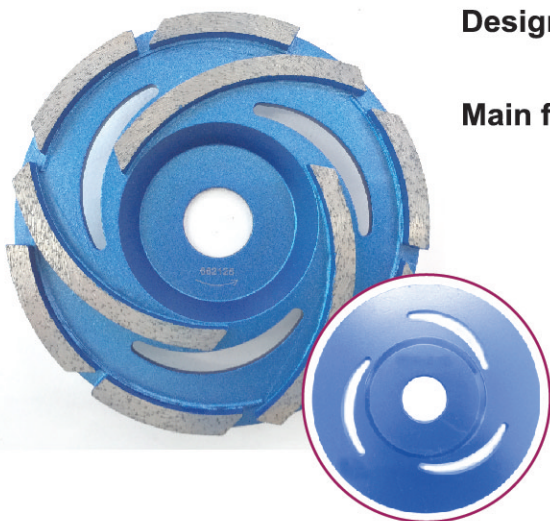
**Main features :** Fast grinding speed, high efficiency, excellent dust removal, long service life, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
653100	100mm/4"	5	12	5/8"-11
653125	125mm/5"	5	16	5/8"-11



## ROSE SEGMENT CUP WHEEL

### PREMIUM



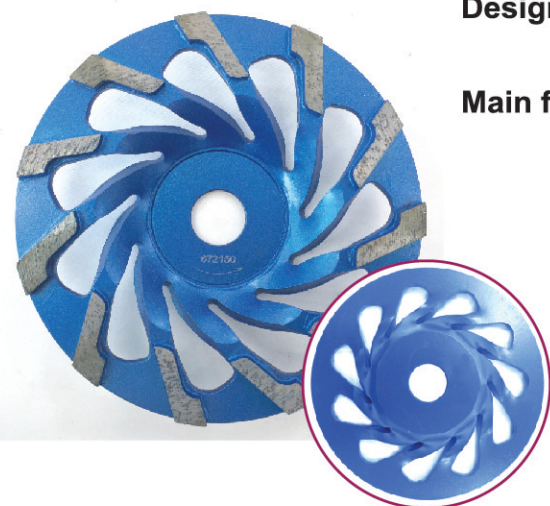
**Designed for :** Abrasive concrete, granite, masonry and various building materials.

**Main features :** Fast grinding speed, high efficiency, excellent dust removal, long service life, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
662125	125mm/5"	5.5	9	22.23

## FAST L-SEGMENT CUP WHEEL

### PREMIUM



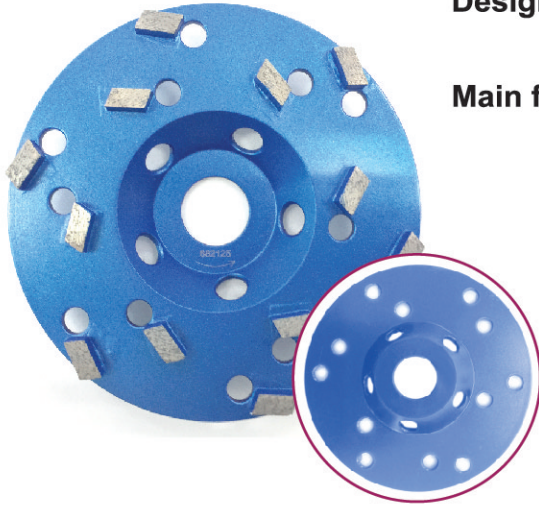
**Designed for :** Grinding granite, marble, concrete and other building materials.

**Main features :** Fast grinding speed, high efficiency, excellent dust removal, light weight, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
672125	125mm/5"	4.5	10	22.23
672150	150mm/6"	4.5	11	22.23
672180	180mm/7"	4.5	12	22.23



## FAST TORNADO-SEGMENT CUP WHEEL **PREMIUM**



**Designed for :** Grinding natural stone, granite, concrete, and other building materials.

**Main features :** Fast grinding speed, high efficiency, light weight, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
682125	125mm/5"	5.5	12	22.23





# SINTERED CUP WHEEL NEW

## TURBO CUP WHEEL

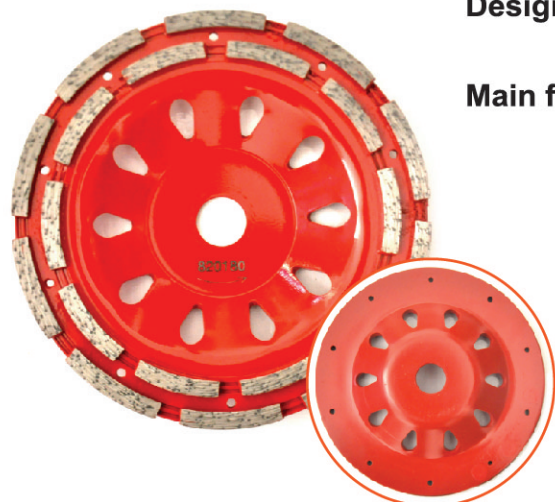


**Designed for :** Grinding concrete, refractory brick and other natural stone.

**Main features :** Fast grinding speed, high efficiency and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Arbor(mm)
800100	100mm/4"	3.5-4	20
800115	115mm/4.5"	3.5-4	22.23
800125	125mm/5"	3.5-4	22.23
800180	180mm/7"	3.5-4	22.23

## DOUBLE ROW CUP WHEEL



**Designed for :** Grinding concrete, masonry and a variety of other applications.

**Main features :** The double row configuration provides a smoother finish and more stable platform than traditional single row cup wheel. Combine high performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Arbor(mm)
820105	105mm/4"	3.5-4	22.23
820115	115mm/4.5"	3.5-4	22.23
820125	125mm/5"	3.5-4	22.23
820180	180mm/7"	3.5-4	22.23



## BOOMERANG CUP WHEEL

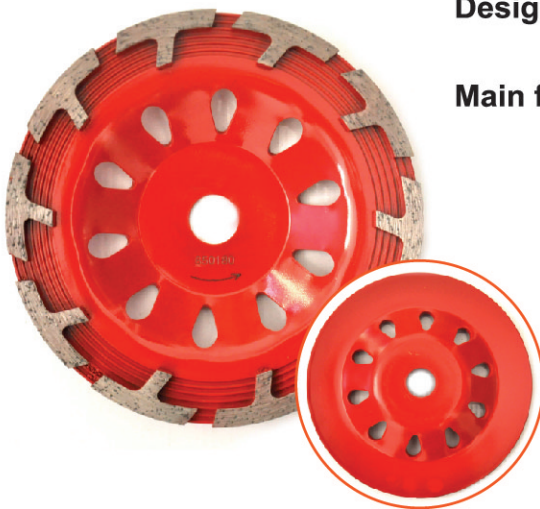


**Designed for :** Grinding natural stone, granite, concrete, building material.

**Main features :** Fast grinding speed, high efficiency, excellent dust removal and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Arbor(mm)
840105	105mm/4"	3.5-4	22.23
840115	115mm/4.5"	3.5-4	22.23
840125	125mm/5"	3.5-4	22.23
840180	180mm/7"	3.5-4	22.23

## T-SEGMENT CUP WHEEL



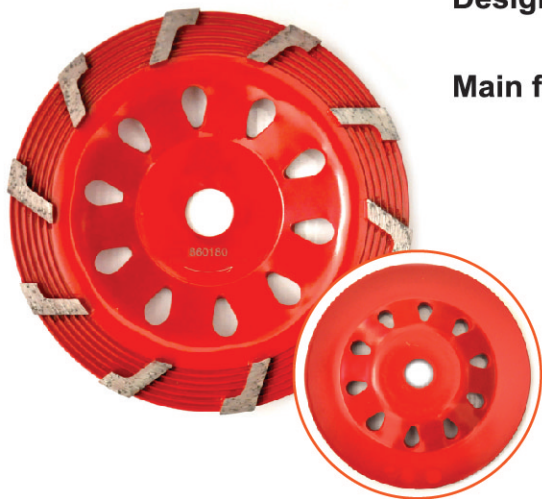
**Designed for :** Grinding concrete, refractory brick and other natural stone,

**Main features :** Provide an excellent cost performance value, special segment design, fast grinding, use dry and wet.

Product No.	Dia.	Segment Height (mm)	Arbor(mm)
850105	105mm/4"	3.5-4	22.23
850115	115mm/4.5"	3.5-4	22.23
850125	125mm/5"	3.5-4	22.23
850180	180mm/7"	3.5-4	22.23



## L-SEGMENT CUP WHEEL

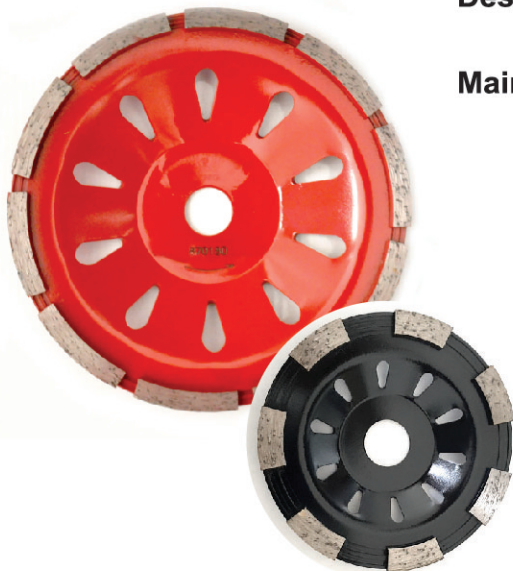


**Designed for :** Grinding granite, marble, concrete and other building materials.

**Main features :** Fast grinding speed, high efficiency and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Arbor(mm)
860105	105mm/4"	3.5-4	22.23
860115	115mm/4.5"	3.5-4	22.23
860125	125mm/5"	3.5-4	22.23
860180	180mm/7"	3.5-4	22.23

## SINGLE ROW CUP WHEEL

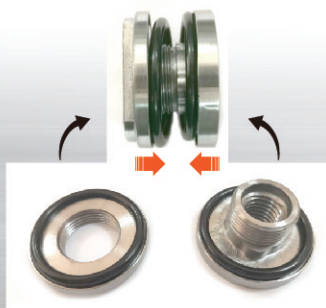


**Designed for :** Grinding concrete, masonry and a variety of other applications.

**Main features :** The single row configuration allows very fast aggressive stock removal. Combine high performance with a competitive price, very fast and aggressive grinding, long life and use dry or wet.

Product No.	Dia.	Segment Height (mm)	Arbor(mm)
870105	105mm/4"	3.5-4	22.23
870115	115mm/4.5"	3.5-4	22.23
870125	125mm/5"	3.5-4	22.23
870180	180mm/7"	3.5-4	22.23

## ANTI-VIBRATION FLANGE **NEW**



RUBBER RING & FLANGE

*Anti-vibration flange. It is able to reduce vibration effectively in grinding process, which makes grinding smoothly.*





## SEGMENTED CUP WHEEL



Product No.	Dia.	Segment (mm)	Segment Qty.	Arbor(mm)
830105	105mm/4"	13x10x3.5	14	22.23
830115	115mm/4.5"	13x10x3.5	15	22.23
830125	125mm/5"	13x12x3.5	16	22.23
830180	180mm/7"	15x15x3.5	20	22.23

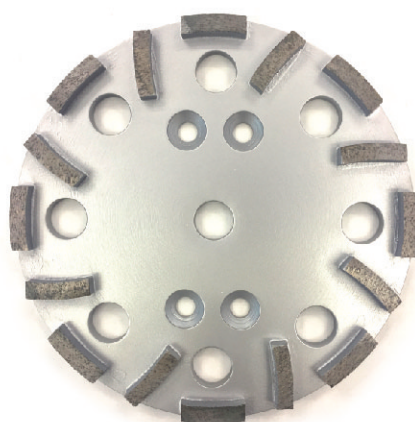
## TURBO CUP WHEEL



Product No.	Dia.	Segment (mm)	Arbor(mm)
806105	105mm/4"	10x3.5	22.23
806115	115mm/4.5"	10x3.5	22.23
806125	125mm/5"	12x3.5	22.23
806180	180mm/7"	15x3.5	22.23

## GRINDING PAD

### BOTHWAY SEGMENT GRINDING PAD PREMIUM



**Designed for :** Different hardness of concrete, masonry, terrazzo flooring and various building materials, also used to remove hard epoxy, polyurethane and other coatings.

**Main features :** Grinding pads are very durable and provide top performance with wide grinding surface, fast speed and high efficiency when used on rough surfaces just like cross walk or uneven joints between floors.

Product No.	Dia.	Segment Height (mm)	Segment Qty.	Arbor(mm)
421254	254mm	10	16	25.4



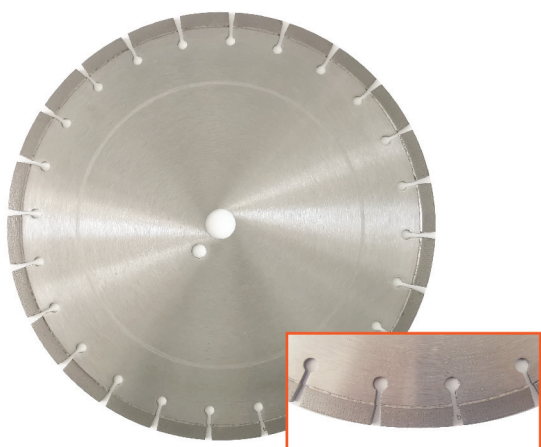
# ARRAYED TYPE DIAMOND SAW BLADE

NEW

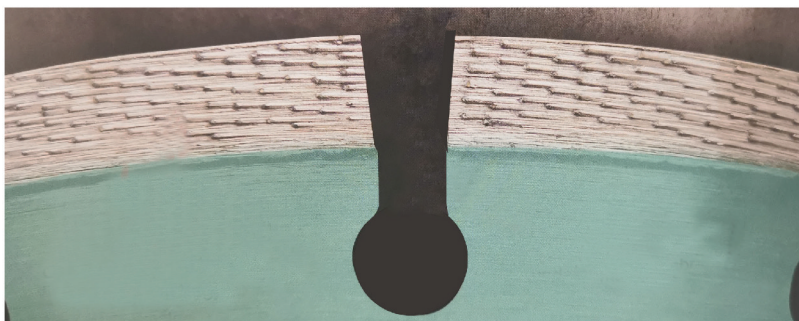


**Designed for :** High psi brick, pave brick, concrete, dense and abrasive materials.

**Main features :** In the "3-D" space of the diamond segment, the saw blade will have the same number of diamonds with the same effect at every moment of cutting, so as to receive a uniform effect of uniform force, reduce frictional resistance, reduce cutting energy consumption and improve sharpness; On the other hand, the arrayed arrangement of diamonds makes the bond wear and the resulting rock powder more uniform in "time and space", thereby expanding the "chip space" and improving the chip removal ability, which can further improve its sharpness. In addition, the arrayed arrangement makes it easier for the saw blade to obtain high-sharpness "intrinsic characteristics" to make it more adaptable to the wider use performance, and it is also more convenient to solve the contradiction between the sharpness and durability of the disorderly arranged saw blade.



Product No.	Dia.	Segment Dimension (LxHxW mm)	Segment Qty.	Arbor(mm)
107350	350mm/14"	40x12.5x3.2	24	25.4





# CORE BIT

## ROOF SEGMENT CORE BITS

■ **Designed for :** Variety of concrete, reinforced concrete, brick and other building materials.

■ **Main features :** The professional quality concrete core bits are engineered with quick-starting V-shape laser welded segments and contain high concentrations of top grade diamonds, combined with a special blend of metal powders to provide an excellent cost performance value with extremely fast cutting and long life.



Product No.	Dia.(mm)	Segment Dimension (LxWxH mm)	Segment Qty.	Connector	Valid Length (mm)
701025	25	18x3.5x10	3	1¼" - 7	450
701032	32	18x3.5x10	4	1¼" - 7	450
701037	37	18x3.5x10	5	1¼" - 7	450
702052	52	24X3.5X10	5	1¼" - 7	450
702063	63	24X3.5X10	6	1¼" - 7	450
702076	76	24X3.5X10	7	1¼" - 7	450
702089	89	24X3.5X10	8	1¼" - 7	450
702102	102	24X4.0X10	8	1¼" - 7	450
702108	108	24X4.0X10	8	1¼" - 7	450
702127	127	24X4.0X10	11	1¼" - 7	450
702132	132	24X4.0X10	11	1¼" - 7	450
702152	152	24X4.5X10	13	1¼" - 7	450
702162	162	24X4.5X10	14	1¼" - 7	450
702200	200	24X4.5X10	16	1¼" - 7	450
702250	250	24X4.5X10	19	1¼" - 7	450
702300	300	24X4.5X10	22	1¼" - 7	450



## TURBO SEGMENT CORE BITS

■ **Designed for :** Variety of concrete, reinforced concrete, brick and other building materials.

■ **Main features :** The professional quality concrete core bits are engineered with turbo laser welded segments which provide additional aggressiveness and long cutting service. Coupled with high concentration and grade of diamond, the turbo segment core bits provide high cost-effective and incredible drilling through a wide range of materials.



Product No.	Dia.(mm)	Segment Dimension (LxWxH mm)	Segment Qty.	Connector	Valid Length (mm)
712025	25	18X3.5X10	3	1¼" - 7	450
712032	32	18X3.5X10	4	1¼" - 7	450
712037	37	18X3.5X10	5	1¼" - 7	450
712052	52	24X3.5X10	5	1¼" - 7	450
712063	63	24X3.5X10	6	1¼" - 7	450
712076	76	24X3.5X10	6	1¼" - 7	450
712089	89	24X3.5X10	8	1¼" - 7	450
712102	102	24X3.7X10	8	1¼" - 7	450
712152	152	24X4.0X10	11	1¼" - 7	450
712200	200	24X4.0X10	14	1¼" - 7	450
712250	250	24X4.0X10	18	1¼" - 7	450
712300	300	24X4.0X10	22	1¼" - 7	450



# Diamond Blade & Operating Speeds

Diameter	Recommended Operating Speed(RPM)*	Maximum Safe Speed(RPM)
4"	9,072	15,000
4-1/2"	8,063	13,300
5"	7,257	12,000
6"	6,048	10,185
7"	5,184	8,730
8"	4,536	7,640
9"	4,032	6,790
10"	3,629	6,110
12"	3,024	5,090
12" High Speed		6,300
14"	2,592	4,365
14" High Speed		5,460
16"	2,268	3,820
16" High Speed		4,725
18"	2,016	3,395
20"	1,814	3,055
22"	1,649	2,775
24"	1,512	2,545
26"	1,396	2,350
28"	1,296	2,180
30"	1,210	2,035
32"	1,134	1,910
36"	1,008	1,695
42"	864	1,455
48"	756	1,270
54"		1,130
60"		1,015



Angle grinder



Circular saw



Hand-held power saw



Walk behind saw



Masonry saw



Stone saw



Tile saw



Wall saw



Floor grinder



Core drilling machine



Hand drill



Dry



Wet



Laser



Brazed





**Plant:** JK(THAI) DIAMOND TOOLS CO.,LTD.  
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