

DIAMOND TOOLS FOR CONSTRUCTION AND STONE



CONSTRUCTION TOOLS



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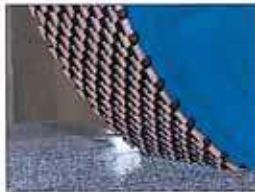
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STONE TOOLS



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CONSTRUCTION TOOLS

SEGMENTED BLADES (LASER&BRAZED)

General Purpose Blades

General purpose blades are for a wide range of materials (concrete brick, concrete block, granite, marble, tile, construction materials, etc.).

Laser welded blades provide safe and reliable cutting.



BOND SPECIFICATION

BOND	APPLICATION
M 10	<ul style="list-style-type: none"> Very hard materials. Heavy reinforced concrete, hard granite, paving block, hard clay roof tile.
M 20	<ul style="list-style-type: none"> Medium to hard materials. Washed concrete, medium reinforced concrete.
M 30	<ul style="list-style-type: none"> Universal materials. Light reinforced concrete.
M 40	<ul style="list-style-type: none"> Soft materials. Building materials, masonry.
M 50 IVI	<ul style="list-style-type: none"> Abrasive materials. Limestone, sandstone, asphalt, green concrete.

GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)									
	2.0	2.2	2.4	2.5	2.8	3.2	3.6	4.2	4.5	4.8
4"(100mm)		•								
4.5"(115mm)		•								
5"(125mm)		•								
6"(150mm)			•							
7"(180mm)			•							
8"(200mm)			•							
9"(230mm)			•							
10"(250mm)			•							
12"(300mm)				•		•				
14"(350mm)				•		•				
16"(400mm)						•	•			
18"(450mm)						•	•			
20"(500mm)							•	•		
24"(600mm)								•	•	
26"(650mm)									•	•
28"(700mm)										•
30"(750mm)										•
32"(800mm)										•

Segment height : 7mm, 8.5mm, 10mm.

Note) Additional segment thickness and height are available on request.

● Cured Concrete Blades

Cured concrete blades are designed for best performance in pavement cutting.

Various products are available for specific working conditions:

- High horsepower use (35HP - 65HP)
- Medium horsepower use (20HP - 34HP)
- Low horsepower use (5HP - 18HP)



● BOND SPECIFICATION

BOND	APPLICATION
C 10	<ul style="list-style-type: none"> ● Very hard aggregate. ● Heavy reinforced concrete.
C 20	<ul style="list-style-type: none"> ● Hard aggregate. ● Medium reinforced concrete.
C 30	<ul style="list-style-type: none"> ● Medium aggregate. ● Light reinforced concrete.
C 40	<ul style="list-style-type: none"> ● Soft aggregate. ● Asphalt over concrete.
C 50	<ul style="list-style-type: none"> ● Very soft aggregate. ● Asphalt over concrete.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)							
	2.5	2.8	3.2	3.6	4.2	4.8	5.4	6.0
12"(300mm)		●	●					
14"(350mm)		●	●					
16"(400mm)			●	●				
18"(450mm)			●	●				
20"(500mm)				●	●			
24"(600mm)				●	●			
26"(650mm)					●	●		
28"(700mm)					●	●		
30"(750mm)						●	●	
32"(800mm)							●	●
36"(900mm)							●	●
40"(1000mm)							●	●
42"(1050mm)							●	●
44"(1100mm)							●	●
48"(1200mm)							●	●

Segment height : 7mm, 8.5mm, 10mm.

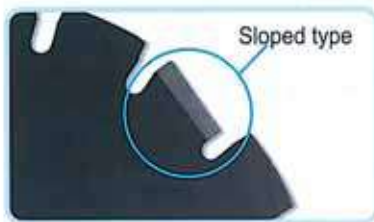
Note) Other specifications are available on request.

Asphalt Blades

Asphalt blades are designed for best performance in pavement cutting.

Various products are available for specific working conditions:

- High horsepower use (35HP - 65HP)
- Medium horsepower use (20HP - 34HP)
- Low horsepower use (5HP - 18HP)



BOND SPECIFICATION

BOND	APPLICATION
A 10	• Very hard aggregate.
A 20	• Hard to medium aggregate.
A 30	• Medium aggregate.
A 40	• Soft aggregate.
A 50	• Very soft aggregate, long life.

GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)							
	2.5	2.8	3.2	3.6	4.2	4.8	5.4	6.0
12"(300mm)		•	•					
14"(350mm)		•	•					
16"(400mm)			•	•				
18"(450mm)			•	•				
20"(500mm)				•	•			
24"(600mm)				•	•			
26"(650mm)					•	•		
28"(700mm)					•	•		
30"(750mm)						•	•	
32"(800mm)						•	•	
36"(900mm)						•	•	
40"(1000mm)						•	•	
42"(1050mm)						•	•	
44"(1100mm)						•	•	
48"(1200mm)						•	•	•

Segment height : 7mm, 8.5mm, 10mm.

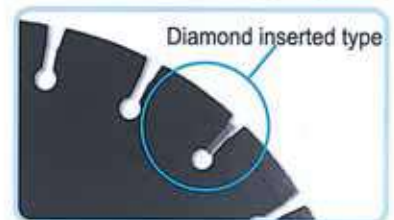
Note) Other specifications are available on request.

● Green Concrete Blades

Green concrete blades are designed for best performance in pavement cutting.

Various products are available for specific working conditions:

- High horsepower use (35HP - 65HP)
- Medium horsepower use (20HP - 34HP)
- Low horsepower use (5HP - 18HP)



● BOND SPECIFICATION

BOND	APPLICATION
GC 10	● Very hard aggregate.
GC 20	● Hard to medium aggregate.
GC 30	● Medium aggregate.
GC 40	● Soft aggregate.
GC 50	● Very soft aggregate, long life.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)							
	2.5	2.8	3.2	3.6	4.2	4.8	5.4	6.0
12"(300mm)		●	●					
14"(350mm)		●	●					
16"(400mm)			●	●				
18"(450mm)			●	●				
20"(500mm)				●	●			
24"(600mm)				●	●			
26"(650mm)					●	●		
28"(700mm)					●	●		
30"(750mm)						●	●	
32"(800mm)							●	●
36"(900mm)							●	●
40"(1000mm)							●	●
42"(1050mm)							●	●
44"(1100mm)							●	●
48"(1200mm)							●	●

Segment height : 7mm, 8.5mm, 10mm.

Note) Other specifications are available on request.

High Speed Hand Held Blades

High speed hand held blades are designed for peripheral speed 100m/s gasoline engine machines.

High speed hand held blades have the best cutting performance in general concrete, reinforced concrete, concrete pipe, ductile iron, and terrazzo.



BOND SPECIFICATION

GENERAL SPECIFICATION

BOND	APPLICATION
H 10	<ul style="list-style-type: none"> Very hard materials. Heavy reinforced concrete, hard granite, concrete paving block, hard clay roof tile.
H 20	<ul style="list-style-type: none"> Medium to hard materials. Washed concrete. Medium reinforced concrete.
H 30	<ul style="list-style-type: none"> Medium materials. Light reinforced concrete.
H 40	<ul style="list-style-type: none"> Soft materials. Building materials, masonry.
H 50	<ul style="list-style-type: none"> Abrasive materials. Limestone, sandstone, asphalt, green concrete.

DIAMETER	THICKNESS(mm)			
	2.5	2.8	3.2	3.6
12"(300mm)		●	●	
14"(350mm)		●	●	
16"(400mm)			●	●
18"(450mm)			●	●

Segment height : 7mm, 8.5mm, 10mm.

Note) Additional segment thickness and height are available on request.

● Wall Saw Blades

Wall saw blades are designed for very fast and clean cutting performance with long life. High concentration blades solve the difficulty in heavily reinforced concrete cutting.

Various products are available for specific working conditions:

- Hydraulic power use (4.5T / 4.8T)
- Electronic power use (4.2T / 4.5T)



● BOND SPECIFICATION

BOND	APPLICATION
W 10	<ul style="list-style-type: none"> • Very hard concrete wall. • Very heavy reinforced concrete. • Bridge deck.
W 20	<ul style="list-style-type: none"> • Hard concrete wall. • Hard aggregate / heavy reinforced concrete.
W 30	<ul style="list-style-type: none"> • Medium to hard wall. • Medium reinforced concrete, concrete pipe.
W 40	<ul style="list-style-type: none"> • Medium concrete wall. • Light reinforced concrete.
W 50	<ul style="list-style-type: none"> • Soft concrete wall. • Universal concrete without steel bars.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)		
	4.2	4.5	4.8
18"(450mm)	●	●	●
20"(500mm)	●	●	●
22"(550mm)	●	●	●
24"(600mm)	●	●	●
26"(650mm)	●	●	●
28"(700mm)	●	●	●
30"(750mm)	●	●	●
32"(800mm)	●	●	●
36"(900mm)	●	●	●
38"(950mm)	●	●	●
40"(1000mm)	●	●	●
42"(1050mm)	●	●	●
44"(1100mm)	●	●	●
46"(1150mm)	●	●	●
48"(1200mm)	●	●	●

Segment height : 7mm, 8.5mm, 10mm.

Note) Other specifications are available on request.

Grooving Blades

Grooving blades are designed for repairing highway, bridge deck, and airport runways.



BOND SPECIFICATION

BOND	APPLICATION
G10	• Very hard aggregate concrete.
G 20	• Medium to hard aggregate concrete.
G 30	• Soft aggregate concrete, asphalt.

GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)				
	2.5	3.2	4.2	4.8	6.4
8"(200mm)	•	•	•	•	•
12"(300mm)	•	•	•	•	•
14"(350mm)	•	•	•	•	•

Segment height : 7mm, 8.5mm, 10mm.

GROOVING SPECIFICATION

KIND OF GROOVING	GROOVING SIZE WIDTH*DEPTH*DISTANCE (mm)	APPLICATION
PAVEMENT GROOVING	2.5X4.8X19	Pavement Restoration
BRIDGE GROOVING	2.5X4.8X19	Pavement Restoration
AIRPORT GROOVING	6.4X6.4X38	Remove Hydroplaning
LIVESTOCK GROOVING	12.7X9.5X107	Slip Prevention

Note) Additional segment thickness and height are available on request.

● Refractory Blades

Refractory blades are designed for cutting heat-proof materials. High concentration blades have superior performance in cutting hard refractory materials on table saw machine or stationary machine.



● BOND SPECIFICATION

BOND	APPLICATION
R 10	<ul style="list-style-type: none"> ● Very hard refractory. ● Acid brick / 95% alumina.
R 20	<ul style="list-style-type: none"> ● Hard refractory. ● 80% - 90% alumina.
R 30	<ul style="list-style-type: none"> ● Medium refractory. ● 50% - 80% alumina.
R 40	<ul style="list-style-type: none"> ● Soft refractory.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)									
	2.0	2.2	2.4	2.5	2.8	3.2	3.6	4.2	4.5	4.8
4"(100mm)		●								
4.5"(115mm)		●								
5"(125mm)		●								
6"(150mm)			●							
7"(180mm)			●							
8"(200mm)			●							
9"(230mm)			●							
10"(250mm)			●							
12"(300mm)				●		●				
14"(350mm)				●		●				
16"(400mm)					●	●				
18"(450mm)						●				
20"(500mm)							●	●		
24"(600mm)								●	●	
26"(650mm)								●	●	
28"(700mm)									●	●
30"(750mm)									●	●
32"(800mm)										●

Note) Additional segment thickness and height are available on request.

Segment height : 7mm, 8.5mm, 10mm.

● Tuck Point Blades

Tuck point blades are designed for fast cutting with long life. They are especially efficient for cutting and removing concrete, mortar, and tarmac.



● BOND SPECIFICATION

BOND	APPLICATION
TP 10	● Hard concrete, hard materials.
TP 30	● Medium concrete, medium materials.
TP 50	● Abrasive materials, tarmac.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)				
	4.5	6.4	8.0	9.6	12.7
4"(100mm)	●	●	●	●	●
4.5"(115mm)	●	●	●	●	●
5"(125mm)	●	●	●	●	●
6"(150mm)	●	●	●	●	●
7"(180mm)	●	●	●	●	●
8"(200mm)	●	●	●	●	●
9"(230mm)	●	●	●	●	●

Segment height : 7mm, 8.5mm, 10mm.

● Crack Chaser Blades

Crack chaser blades are designed for repairing cracks in concrete and building materials.



● BOND SPECIFICATION

BOND	APPLICATION
CRC 10	● Hard concrete.
CRC 30	● Medium concrete.
CRC 50	● Abrasive concrete.

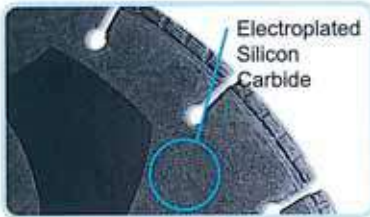
● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)
4"(100mm)	●
4.5"(115mm)	●
5"(125mm)	●
6"(150mm)	●
7"(180mm)	●
Segment height : 12.7mm.	

Note) Arbor : hole type / screw type.

● Metal Cutting Blades

Metal cutting blades are designed for cutting ductile iron, steel bars, angle, pipes, and plates. Electroplated silicon carbides protect the steel core and is used for grinding the edge after cutting.



● BOND SPECIFICATION

BOND	APPLICATION
S 10	● Very hard metal / steel material.
S 20	● Hard metal / ductile iron.
S 30	● Medium metal.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)			
	2.4	2.8	3.2	3.4
9"(230mm)	●			
12"(300mm)		●	●	
14"(350mm)		●	●	
16"(400mm)			●	
18"(450mm)				●

Segment height : 4mm, 7mm

TURBO BLADES

• General Turbo Blades

Turbo blades are recommended for fast and free cutting of various materials.



• BOND SPECIFICATION

• GENERAL SPECIFICATION

BOND	APPLICATION
T 10	<ul style="list-style-type: none"> Reinforced concrete, concrete products, brick, block, hard granite, clay and cement roof tile.
T 20	<ul style="list-style-type: none"> Natural stone, artificial stone, ceramic, hard clinker, granite, marble, washed concrete, universal materials.
T 30	<ul style="list-style-type: none"> Limestone, sandstone, abrasive materials.

DIAMETER	THICKNESS(mm)						
	2.0	2.2	2.3	2.5	2.8	3.0	3.2
4"(100mm)	●	●					
4.5"(115mm)	●	●					
5"(125mm)	●	●					
6"(150mm)			●	●			
7"(180mm)			●	●			
8"(200mm)			●				
9"(230mm)				●	●		
10"(250mm)				●	●		
12"(300mm)						●	●
14"(350mm)						●	●

Segment height : 6.5mm, 7.5mm, 9mm.

Note) For dry and wet use.
Silent core blades and segmented blades are available on request.

● Tiger Teeth Turbo Blades

Tiger teeth blades improve life time with high performance. Protection segments provide steel core protection and improve cutting performance.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)	HEIGHT(mm)
4.5"(115mm)	2.2	9.0
5"(125mm)	2.2	9.0
7"(180mm)	2.5	9.0
9"(230mm)	2.5	9.0
12"(300mm)	3.2	9.0
14"(350mm)	3.2	9.0



● Thin Turbo Blades

Thin turbo blades are designed for clean cutting of hard materials.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)	HEIGHT(mm)
4.5"(115mm)	1.2	7.5
5"(125mm)	1.2	7.5
7"(180mm)	1.6	7.5
9"(230mm)	1.6	7.5
12"(300mm)	2.0	7.5
14"(350mm)	2.0	7.5



CONTINUOUS RIM BLADES

Continuous Rim Blades

Continuous rim blades are designed for clean and chip-free cutting.



BOND SPECIFICATION

GENERAL SPECIFICATION

BOND	APPLICATION
L 10	<ul style="list-style-type: none"> Granite, marble, natural stone, artificial stone, roof tile, hard clinker, hard tile, hard ceramic, porcelain.
L 20	<ul style="list-style-type: none"> Tile, ceramic, glass.
L 30	<ul style="list-style-type: none"> Universal materials, abrasive materials.

DIAMETER	THICKNESS(mm)					
	1.6	2.0	2.2	2.4	2.8	3.0
4"(100mm)	●					
4.5"(115mm)	●					
5"(125mm)	●					
6"(150mm)	●					
7"(180mm)	●	●				
8"(200mm)	●	●				
9"(230mm)	●	●				
10"(250mm)	●	●				
12"(300mm)		●	●	●		
14"(350mm)		●	●	●		

Segment height : 5mm, 6.5mm, 7.5mm, 9mm.

Note) Please specify if wet or dry use.

● Porcelain Cutting Blades

Specially designed for chip-free cutting of porcelain and other hard materials.



● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)		HEIGHT (mm)	TYPE	WORKING CONDITION
	CUTTING	CHAMFERING			
10" - 12" (250 - 300mm)	1.8 - 4.0	2.0 - 6.0	7.5 - 9.5	Continuous rim or Segmented	Wet

● Thin Continuous Rim Blades

The best convenient cutting of ceramics.



● GENERAL SPECIFICATION

DIAMETER	THICKNESS (mm)	HEIGHT (mm)	TYPE	APPLICATION	WORKING CONDITION
4" - 5" (100 - 125mm)	1.2	5.0 - 7.5	Segmented	Porcelain and Hard materials	Dry

SINTERED SEGMENTED BLADES

• Sintered Segmented Blades

Sintered segment blades are designed for a wide range of materials including concrete, brick, block, green concrete, and stone.



• BOND SPECIFICATION

BOND	APPLICATION
Y10	<ul style="list-style-type: none"> • Hard concrete products. • Hard brick, block, granite, marble.
Y 20	<ul style="list-style-type: none"> • Natural stone, artificial stone, building materials, abrasive materials, soft materials.

• GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)			
	1.6	2.0	2.3	2.8
4"(100mm)	•			
4.5"(115mm)	•			
5"(125mm)	•			
6"(150mm)		•		
7"(180mm)		•		
8"(200mm)		•		
9"(230mm)			•	
10"(250mm)			•	
12"(300mm)				•
14"(350mm)				•

Segment height : 6.5mm.

CORE BITS

Wet

Core bits are designed for fast drilling and long life.



BOND SPECIFICATION

BOND	APPLICATION
CW 10	<ul style="list-style-type: none"> Hard materials. Heavy reinforced concrete.
CW 30	<ul style="list-style-type: none"> Medium materials. Medium reinforced concrete.
CW 50	<ul style="list-style-type: none"> Soft materials. Light reinforced concrete.

GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)			
	3.0	3.5	4.0	5.0
1"(25mm)	●			
1 1/4"(32mm)	●			
1 1/2"(38mm)	●			
2"(52mm)	●			
2 1/4"(58mm)	●			
2 1/2"(64mm)		●		
2 3/4"(70mm)		●		
3"(77mm)		●		
3 1/4"(82mm)		●		
3 1/2"(89mm)		●		
4"(102mm)		●		
4 1/4"(107mm)		●		
4 1/2"(115mm)		●		
5"(127mm)		●		
5 1/2"(140mm)			●	
6"(152mm)			●	
6 1/4"(158mm)			●	
7"(178mm)			●	
8"(204mm)			●	
9"(230mm)			●	
10"(250mm)			●	
12"(305mm)				●
14"(356mm)				●
16"(400mm)				●
18"(450mm)				●
20"(500mm)				●

Segment height : 7mm, 8mm.

Note) Various segment height and effective length are available on request.
Laser welded core bits are also available.

● Dry

Laser welded core bits are designed for drilling walls such as brick, block and light-weight concrete, ensuring fast drilling and safety.



● BOND SPECIFICATION

BOND	APPLICATION
CD 10	<ul style="list-style-type: none"> ● Hard brick, block. ● Hard concrete.
CD 30	<ul style="list-style-type: none"> ● Medium brick, block. ● Medium concrete.
CD 50	<ul style="list-style-type: none"> ● Soft brick, block. ● Soft concrete.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)			
	2.8	3.0	3.2	3.5
7/8"(23mm)	●			
1"(25mm)	●			
1 1/4"(32mm)	●			
1 1/2"(38mm)	●			
1 3/4"(45mm)	●			
2"(52mm)		●		
2 1/4"(58mm)		●		
2 1/2"(64mm)		●		
2 3/4"(70mm)		●		
3"(77mm)		●		
3 1/4"(82mm)		●		
3 1/2"(89mm)		●		
4"(102mm)			●	
4 1/4"(107mm)			●	
4 1/2"(115mm)			●	
5"(127mm)			●	
5 1/2"(140mm)			●	
6"(152mm)			●	
6 1/4"(158mm)			●	
7"(178mm)				●
8"(204mm)				●
9"(230mm)				●
10"(250mm)				●

Segment height : 7mm, 8mm.

Note) Various segment height and effective length are available on request.

CUP WHEELS

• General Type

Designed for economical surface grinding and chamfering of building materials.



• BOND SPECIFICATION

BOND	APPLICATION
CC 10	• Hard materials.
CC 30	• Medium materials.
CC 50	• Soft materials.

• GENERAL SPECIFICATION

DIAMETER	FEATURE	SEGMENT DIMENSION(mm)
4"(100mm)	Single row	30L x 5.5T x 8W
	Double row	30L x 5.5T x 8W 23L x 5.5T x 7W
4.5"(115mm)	Single row	30L x 5.5T x 8W
	Double row	30L x 5.5T x 8W 23L x 5.5T x 7W
5"(125mm)	Single row	30L x 5.5T x 7W
	Double row	30L x 5.5T x 7W 23L x 5.5T x 7W
6"(150mm)	Single row	35L x 5.5T x 7W
	Double row	35L x 5.5T x 7W 28L x 5.5T x 7W
7"(180mm)	Single row	35L x 4.8T x 7.8W
	Double row	35L x 4.8T x 7.8W 28L x 4.8T x 7.8W

Note) Other specifications are available on request.

Turbo Type

Designed for fast surface grinding and chamfering of building materials.



GENERAL SPECIFICATION

DIAMETER	FEATURE	SEGMENT DIMENSION(mm)
4"(100mm)	Single row	23L x 5.5T x 7W
	Double row	23L x 5.5T x 7W
4.5"(115mm)	Single row	23L x 5.5T x 7W
	Double row	23L x 5.5T x 7W
5"(125mm)	Single row	23L x 5.5T x 7W
	Double row	23L x 5.5T x 7W
7"(180mm)	Single row	28L x 4.8T x 7.8W
	Double row	28L x 4.8T x 7.8W

Special Type

Designed for fast grinding and long life of building materials.



GENERAL SPECIFICATION

DIAMETER	SEGMENT WIDTH(mm)	SHAPE	ARBOR (mm)	THREAD	BODY
4"(100mm)	20	Turbo or Rim	22.23	5/8" - 11 or M14	Steel or Aluminum
4.5"(115mm)					
5"(125mm)					
7"(180mm)					

Note) Other specifications are available on request.

DIAMOND WIRE

Concrete

Diamond wire sawing is the best solution for clean environment because it does not produce dust, noise, or vibration.



GENERAL SPECIFICATION

	NO OF BEADS /METER	BEAD DIAMETER	BEAD LENGTH	SPACER
STATIONARY	25	10.4	6.0	Urethane
	30,32,34,35			
	25	11.0	6.3	
	30,32,34,35			
CONSTRUCTION	35,36,38,40	11.0	6.3	Urethane
	40	10.5	6.5	Rubber +Spring
		11.0	6.3	

PRODUCT CODE

STEEL RATE(%)	CUTTING SPEED (C)	STANDARD (S)	LONG LIFE (L)
HIGH (2.0 - 10.0)	CHC	CHS	CHL
MEDIUM (0.5 ~2.0)	CMC	CMS	CML
LOW (0 ~ 0.5)	CLC	CLS	CLL



STONE TOOLS

TRIMMING BLADES

● Granite Blades

Trimming blades for granite slabs are designed for high efficiency, precision, and chip-free performance in a wide range of granite.



● BOND SPECIFICATION

BOND	APPLICATION
TG 10	● Hard granite : class IV - V
TG 30	● Medium granite : class II - IV
TG 50	● Soft granite : class I - II

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)					
	2.8	3.0	3.2	3.6	4.0	4.5
12"(300mm)	●	●	●			
14"(350mm)		●	●			
16"(400mm)			●			
18"(450mm)			●	●		
20"(500mm)				●	●	
24"(600mm)					●	●

Segment height : 10mm, 12mm, 15mm.

● Marble Blades

Trimming blades for marble slabs are designed for high efficiency, precision, and chip-free performance in a wide range of marble.



● BOND SPECIFICATION

BOND	APPLICATION
TM 10	● Hard marble.
TM 30	● Medium marble.
TM 50	● Soft marble.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)					
	2.8	3.0	3.2	3.6	4.0	4.5
12"(300mm)	●	●	●			
14"(350mm)		●	●			
16"(400mm)			●			
18"(450mm)			●	●		
20"(500mm)				●	●	
24"(600mm)					●	●

Segment height : 7mm, 8.5mm, 10mm.

Note) Silent core blades are available (Sandwich type / One ply type)

LARGE DIAMETER BLADES

• Single Blades (Granite)

Single blades are designed for fast cutting, long life, and precision in a wide range of granite.



• BOND SPECIFICATION

BOND	APPLICATION
SBG 10	• Hard granite : class IV - V
SBG 30	• Medium granite : class II - IV
SBG 50	• Soft granite : class I - II

• GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)									
	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	11.0	12.0
32"(800mm)	•									
36"(900mm)		•	•							
40"(1000mm)			•	•						
48"(1200mm)				•	•	•				
54"(1350mm)					•	•				
60"(1500mm)						•	•			
64"(1600mm)							•	•		
72"(1800mm)								•	•	
80"(2000mm)									•	•
100"(2500mm)										•

Segment height : 10mm, 12mm, 15mm, 20mm.

● Single Blades (Marble)

Single blades are designed for fast cutting, long life, and precision in a wide range of marble.



● BOND SPECIFICATION

● GENERAL SPECIFICATION

BOND	APPLICATION
SBM 10	● Hard marble.
SBM 30	● Medium marble.
SBM 50	● Soft marble.

DIAMETER	THICKNESS(mm)				
	7.5	8.0	9.0	11.0	12.0
36"(900mm)	●	●			
48"(1200mm)		●	●		
64"(1600mm)				●	
80"(2000mm)					●

Segment height : 7mm, 8mm, 10mm.

Note) Other specifications are available on request.

Multi Blades

Multi blades are designed for fast cutting, long life, and precision in a wide range of granite.



BOND SPECIFICATION

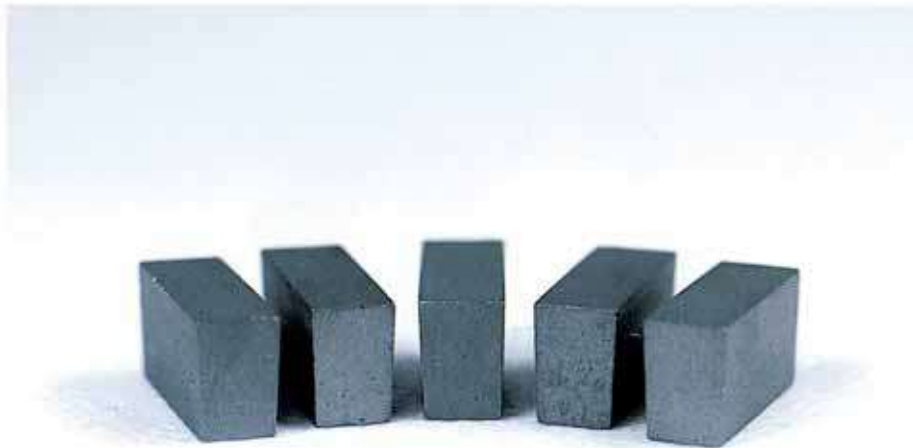
BOND	APPLICATION
MBG 10	• Hard granite : class IV - V
MBG 30	• Medium granite : class II - IV
MBG 50	• Soft granite : class I - II

GENERAL SPECIFICATION

	DIAMETER	THICKNESS(mm)	
		4.0	7.0
BLOCK CUT	36"(900mm)		•
	40"(1000mm)		•
	48"(1200mm)		•
	64"(1600mm)		•
HORIZONTAL	14"(350mm)	•	
	16"(400mm)	•	
	18"(450mm)	•	
Segment height : 10mm, 12mm.			

● Segments

Segments supplied for re-tipping.



Gang saw segment

● BOND SPECIFICATION

BOND	APPLICATION
GS 10	● Hard granite.
GS 30	● Medium granite.
GS 50	● Soft granite.
MS 10	● Hard marble.
MS 30	● Medium marble.
MS 50	● Soft marble.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)											
	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	11.0	12.0	13.0	
32*(800mm)	●											
36*(900mm)		●	●	●	●							
40*(1000mm)			●	●								
48*(1200mm)				●	●	●	●					
54*(1350mm)					●	●						
60*(1500mm)						●	●					
64*(1600mm)							●	●	●	●		
72*(1800mm)								●	●	●		
80*(2000mm)									●	●	●	
100*(2500mm)										●	●	●
120*(3000mm)											●	●

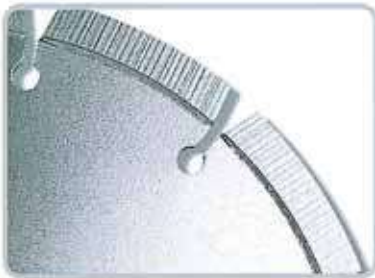
Segment height : 7mm, 8mm, 10mm, 12mm, 15mm, 20mm.

Note) Other specifications are available on request.

CONCAVE BLADES

● Laser Welded Type

Concave blades are designed for curve cutting of stone materials.



● BOND SPECIFICATION

BOND	APPLICATION
CV 10	● Hard granite / marble.
CV 20	● Medium granite / marble.
CV 30	● Soft granite / marble.

● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)		
	3.0	3.2	3.6
4"(100mm)	●		
4.5"(115mm)	●		
5"(125mm)	●		
6"(150mm)		●	
7"(180mm)		●	
9"(230mm)			●

Segment height : 7mm.

Sintered Turbo Type

Concave blades are designed for curve cutting of stone materials.



BOND SPECIFICATION

BOND	APPLICATION
CVD 10	● Hard granite / marble.
CVD 20	● Medium granite / marble.
CVD 30	● Soft granite / marble.

GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)	HEIGHT(mm)
4"(100mm)	4.2	10.0
4.5"(115mm)	4.2	10.0
5"(125mm)	4.2	10.0
6"(150mm)	4.5	10.0
7"(180mm)	4.5	10.0

ELECTROPLATED BLADES

● Electroplated Blades

Electroplated blades are designed for fast cutting of mable, tile, FRP, etc.



● GENERAL SPECIFICATION

DIAMETER	THICKNESS(mm)	HEIGHT(mm)	TYPE
4"(100mm)	1.5	3.0	Continuous rim or Segmented
4.5"(115mm)	1.5		
5"(125mm)	1.5		
6"(150mm)	1.8		
7"(180mm)	1.8		
9"(230mm)	1.8		
10"(250mm)	1.8		
12"(300mm)	2.0		
14"(350mm)	2.0		

Note) Special design is available on request.

CORE BITS

• Core Bits

Core bits are designed for clean and smooth drilling.



GENERAL SPECIFICATION

TYPE	DIAMETER(mm)	THICKNESS(mm)		
		2.0	2.5	3.0
Groove 	4			
	5			
	6			
	7			
	8			
	10			
Crown or Segmented 	15	●	●	
	20	●	●	
	25	●	●	
	30		●	●
	35		●	●
	40		●	●
	45		●	●
	50		●	●
	60		●	●
	70		●	●
80		●	●	
90		●	●	
100		●	●	

Segment height : 7mm.

Note) Various segment height and effective length are available on request.

GENERAL SPECIFICATION

DIAMETER	TYPE	THREAD	EFFECTIVE LENGTH(mm)	WORKING CONDITION
1/2" - 2" (12.7 - 50.8mm)	Continuous Turbo	M14 or 5/8" - 11	45	Wet or Dry
2 1/4" - 4" (57.1 - 101.6mm)	Continuous Rim	or D10		



CUP WHEELS

● Grinding Cup Wheels

Designed for smooth finishing and shaping of granite.

● GENERAL SPECIFICATION

INCH	DIAMETER(mm)	MESH
4"	100	COARSE
		MEDIUM
5"	125	FINE



● Resin Inserted Cup Wheels

Designed for smooth grinding and shaping of granite.



● BOND SPECIFICATION

BOND	APPLICATION
MG 10	● Hard granite.
MG 30	● Medium granite.
MG 50	● Soft granite.

● GENERAL SPECIFICATION

DIAMETER	FEATURE	SEGMENT DIMENSION(mm)
4"(100mm)	Double row Resin inserted	30L x 5T x 7W
		23L x 5T x 7W
4.5"(115mm)	Double row Resin inserted	30L x 5T x 7W
		27L x 5T x 7W

Note) Other specifications are available on request.

PROFILE WHEELS

● Profile Wheels

Designed for profiling or contouring of hard stone materials.



● GENERAL SPECIFICATION

DIAMETER (mm)	DRAWING	TYPE	APPLICATION • BOND
75 - 600		Straight	Hard stone • HG 10
75 - 600		Slant	
75 - 600		Helical angle: 10 - 80	Medium stone • HG 30
75 - 600		Concave Round : 1/4R	
75 - 600		Convex Round : 1/4R	Soft stone • HG 50
75 - 600		Concave Round : 1/2R	

Note) Other specifications are available on request.

Router Bits

Router bits are offered with various types of connector systems and manufactured according to the type of material to be processed and the machinery on which they will be mounted.



Segmented Type



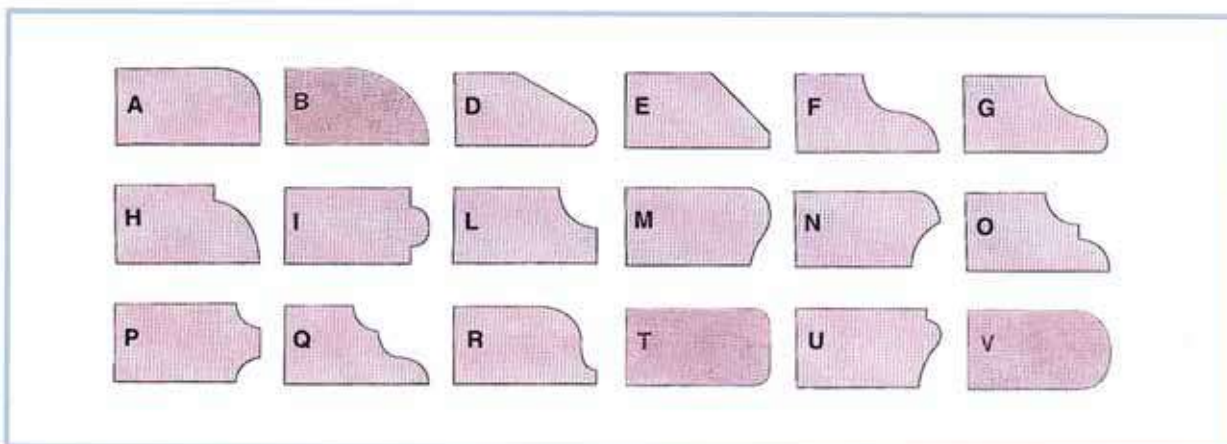
Continuous Rim Type



Electroplated Type

GENERAL SPECIFICATION

SHAPE	WORKING THICKNESS(mm)	MESH	SEGMENTED TYPE	CONTINUOUS RIM TYPE	ELECTROPLATED TYPE
	30	Coarse(40/50)	B30P1 - S	B30P1 - R	B30P1 - E
		Medium(60/80)	B30P2 - S	B30P2 - R	B30P2 - E
		Fine(100/120)	B30P3 - S	B30P3 - R	B30P3 - E



Note) Special types and sizes are available on request.

● Finger Bits

Finger bits are designed for fast grinding of granite and hard materials.



● GENERAL SPECIFICATION

INCH	DIAMETER(mm)	WORKING THICKNESS(mm)	THREAD
1"	25	30	1/2" GAS
		35	
		40	
		45	
		50	

● Gear Drum Wheels

Gear drum wheels are designed for cleaning up rough surfaces on granite tops.



● GENERAL SPECIFICATION

INCH	DIAMETER(mm)	WORKING THICKNESS(mm)	THREAD
2"	50	35	M14 or 5/8" - 11
3"	75		
4"	100	40	

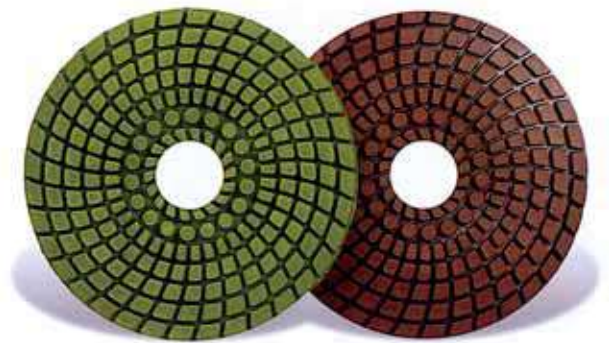
POLISHING PADS

● Resin Pads

Resin pads are designed for polishing or buffing on all straight or curved granite and marble edges.

● GENERAL SPECIFICATION

MESH	COLOR	THICKNESS(mm)	DIAMETER(mm)
#50	Brown	2.4	75 - 150
#100	Red		
#200	Orange		
#400	Yellow	3.4	
#800	Green		
#1500	Blue		
#3000	Dark blue		
BUFF	Black		



● Starfish Pads

Starfish pads are designed for straight or beveled edge polishing with automatic edge polishing machinery.

● GENERAL SPECIFICATION

MESH	COLOR	THICKNESS(mm)	DIAMETER(mm)
#50	Brown	4.0	125 - 150
#100	Red		
#200	Orange		
#400	Yellow		
#800	Green		
#1500	Blue		
#3000	Dark blue		

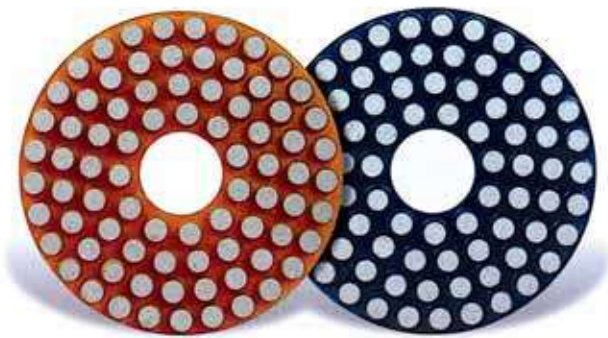


Note) Other colors are available on request.

● Vitrified Pads

Vitrified pads are designed for light shaping and rough polishing.

● GENERAL SPECIFICATION



MESH	COLOR	DIAMETER(mm)	APPLICATION	WORKING CONDITION
#60	Blue	75 - 125	Granite Marble Terrazzo	Wet
#150	Yellow			
#300	Orange			

● Electroplated Pads

Electroplated pads are designed for fast grinding and smooth finishing.

● GENERAL SPECIFICATION



MESH	COLOR	DIAMETER(mm)	APPLICATION
#50	Brown	75 - 125	Granite Marble Terrazzo Glass
#100	Red		
#200	Orange		
#400	Yellow		

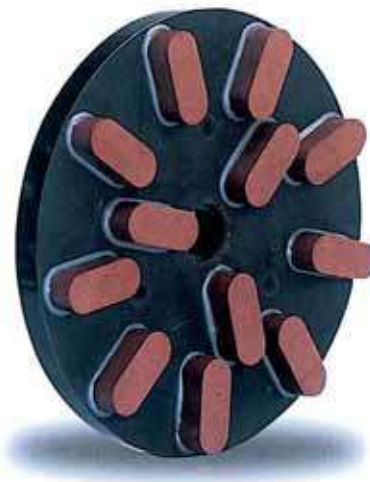
POLISHERS

• Metal Polishers / Resin Polishers

Polishers are designed for fast and smooth grinding of granite and marble.



Metal Polisher



Resin Polisher

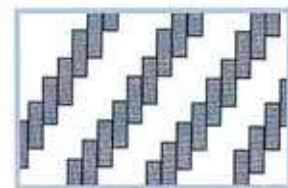
● GENERAL SPECIFICATION

TYPE	MESH	DIAMETER (mm)	DIMENSION(mm)	
			ROUND TYPE	STRAIGHT TYPE
METAL	#50	150 - 300	33 X 7 X 10	40 X 7 X 10
	#200	150 - 300	33 X 7 X 10	40 X 7 X 10
	#400	150 - 300	33 X 7 X 10	40 X 7 X 10
	#800	150 - 300	33 X 7 X 10	40 X 7 X 10
	#1500	150 - 300	33 X 7 X 10	40 X 7 X 10
RESIN	#400	150 - 250	42 X 21 X (17 + 3)	
	#800	150 - 250	42 X 21 X (17 + 3)	
	#1500	150 - 250	42 X 21 X (17 + 3)	
	#3000	150 - 250	42 X 21 X (17 + 3)	

CALIBRATION ROLLERS

- Calibration Rollers

Designed for bevelling granite, marble, and artificial stone.



FICKERTS

- Fickerts

Used for automatic grinding systems for granite, marble, and artificial stone.



GENERAL SPECIFICATION

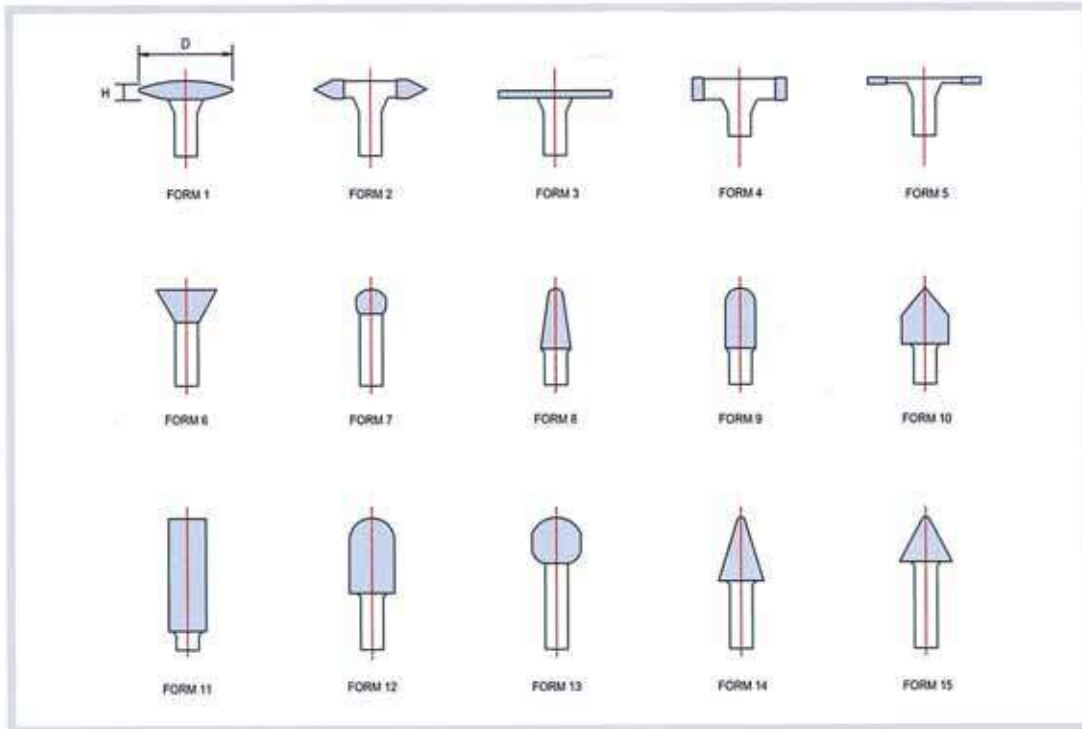
MESH	L x T (mm)	BOND
#50	57 x 17	F1
#100	57 x 17	F2
#200	57 x 17	F3
#400	57 x 17	F4
#800	57 x 17	F5
#1500	57 x 17	F6



MINI TOOLS

Mini Tools

Mini tools are designed for sculpturing and smooth grinding of granite and marble.



GENERAL SPECIFICATION

FORM NO.	D(mm)	H(mm)	SHAFT
1	25	5	∅5.95 x 45L
2	30	5	∅5.95 x 45L
3	30	1.9	∅5.95 x 45L
4	25	6	∅5.95 x 45L
5	30	1.8	∅5.95 x 45L
6	16	8.7	∅5.95 x 45L
7	8	6.6	∅5.95 x 45L
8	8	16	∅5.95 x 45L
9	8	16	∅5.95 x 45L
10	12.5	15	∅5.95 x 45L
11	10	30	∅5.95 x 45L
12	12	20	∅5.95 x 45L
13	13	12.2	∅5.95 x 45L
14	12	17	∅5.95 x 45L
15	14	12	∅5.95 x 45L



Note) Other shapes are available on request.

DIAMOND WIRE

Granite

Diamond wire is made of sintered diamond beads which ensure high performance cutting speed.



GENERAL SPECIFICATION

	NO OF BEADS / METER	BEAD DIAMETER	BEAD LENGTH	SPACER
STATIONARY	25	10.4	6.0	Urethane
	30,32,34,35			
	25	11.0	6.3	
	30,32,34,35			
QUARRYING	35,36,38,40	10.4	6.0	Rubber
	30	11.0	6.3	
	40	11.0	6.3	

PRODUCT CODE

APPLICATION	CUTTING SPEED (C)	STANDARD (S)	LONG LIFE (L)
HARD GRANITE	GHC	GHS	GHL
MEDIUM GRANITE	GMC	GMS	GML
SOFT GRANITE	GSC	GSS	GSL

Marble

Diamond wire for marble efficiently reduce operation cost and material loss.



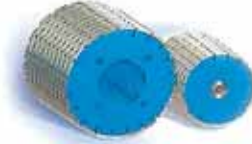
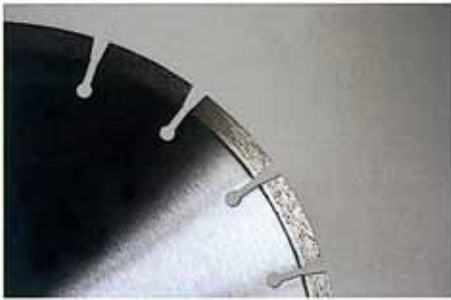
GENERAL SPECIFICATION

	NO OF BEADS / METER	BEAD DIAMETER	BEAD LENGTH	SPACER
STATIONARY	30	8.2	6.0	Urethane
	40			Rubber
STATIONARY	Segment Only	11.0	6.5	
		10.4	6.0	
QUARRYING		11.0	6.5	
		10.4	6.0	

PRODUCT CODE

APPLICATION	CUTTING SPEED (C)	STANDARD (S)	LONG LIFE (L)
HARD MARBLE	MHC	MHS	MHL
MEDIUM MARBLE	MMC	MMS	MML
SOFT MARBLE	MSC	MSS	MSL

PRODUCTS



● Laser & Brazed Blades

DIPROTEX

● Sintered Blades





● Diamond Wire



● Core Bits

INNOVATOR IN TECHNOLOGY

● Grinding Wheels





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