

Diamond Tools Catalogue

119 products in 59 categories for stone, ceramic tile, construction, glass and precision grinding.

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Specifications in this document are taken from the plant specification sheets. Sizes not listed are quoted on request. Bond, diamond concentration and grit are specified per application — send the material, the machine and the size with your enquiry.

Stone Processing

20 categories · 53 products

Diamond Grinding Cup Wheel (12)

Cup wheels for grinding granite marble and engineered stone

Arrow Segment Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Arrow segments for fast stock removal on stone

Arrow segments bite hard and clear fast, which is what you want when a slab needs flattening rather than finishing. High-frequency welded joints hold the segments under that load, across Dia 105-180 mm.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: high frequency welding

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105ASW	105	4"	20.00/ 0.787"	5	8
SA115 ASW	115	4.5"	22.23/ 0.875"	5	8
SA125 ASW	125	5"	22.23/ 0.875"	5	8
SA150 ASW	150	6"	22.23/ 0.875"	5	8
SA180 ASW	180	7"	22.23/ 0.875"	5	8

Continuous Rim Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Continuous rim for the smoothest ground surface

A closed rim leaves no segment marks behind, so the next grit has less to remove. It is the finishing end of the cup wheel range rather than the removal end.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: sintered type is available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	width(mm)	height (mm)	
SA105CRW	105	4"	20.00/ 0.787"	7/10	5
SA115C RW	115	4.5"	22.23/ 0.875"	7/10	5
SA125C RW	125	5"	22.23/ 0.875"	7/10	5

Continuous Rim Diamond Grinding Cup Wheel with Slot

Diamond Grinding Cup Wheel — Slotted continuous rim balancing finish and cooling

The slots let the rim run cooler and clear swarf while keeping most of the smooth finish of a closed rim. A useful middle setting when the grinder has no water feed.

Application: for smooth and fast grinding granite, marble, and other natural stones with special slot

Process: sintered type is available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	width(mm)	height (mm)	
SA105CRW	105	4"	20.00/ 0.787"	7/10	5
SA115C RW	115	4.5"	22.23/ 0.875"	7/10	5
SA125C RW	125	5"	22.23/ 0.875"	7/10	5

Double Row Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Double row cup wheel for heavier stock removal

Two rows double the cutting surface, which suits flattening work where the wheel stays flat on the slab. Sintered and high-frequency welded versions cover Dia 105-230 mm.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: sintered type and high frequency welded type are available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	size (mm)	numbers	
SA105DRW	105	4"	20.00/ 0.787"	30/20*5*8	8/8
SA115D RW	115	4.5"	22.23/ 0.875"	30/20*5*8	9/9
SA125D RW	125	5"	22.23/ 0.875"	31/22*5*8	9/9
SA150D RW	150	6"	22.23/ 0.875"	35/22*5*8	10/10
SA180DR W	180	7"	22.23/ 0.875"	35/22*5*8	12/12
SA230D RW	230	9"	22.23/ 0.875"	35/22*5*8	16/16

Flower Turbo Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Flower turbo geometry for aggressive stone grinding

The flower layout opens more swarf paths than a straight turbo without losing cutting surface, so it keeps biting in dense granite. Supplied sintered or high-frequency welded in Dia 105 mm.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: sintered type and high frequency welded type are available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	height (mm)	numbers	
SA105FTW	105	4"	20.00/ 0.787"/M14/M16	5	9

L Segment Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — L segments silver-brazed for side grinding

L-shaped segments are for grinding into a corner where a flat face cannot reach, and the silver braze holds them against that side load. Item IDs SA105SLSW-SA180LSW.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: high frequency weld(silver braze)

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment	
mm	inch	mm/inch	thickness (mm)	
SA105SLSW	105	4"	20.00/ 0.787"/ M14/M16	5
SA115LS W	125	4.5"	22.23/ 0.875" /M16	5
SA125LS W	125	5"	22.23/ 0.875" /M16	5
SA150LS W	150	6"	22.23/ 0.875" /M16	5
SA180LS W	180	7"	22.23/ 0.875" /M16	5

Resin Filled Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Resin-filled wheel for a finer ground surface

Resin between the segments supports the diamond and damps chatter, leaving a finer surface than a bare metal wheel. High-frequency welded in Dia 105 mm.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: high frequency weld

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment	
mm	inch	mm/inch	height (mm)	
SA105RFW	105	4"	20.00/ 0.787"/M14/M16	5

Single Row Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Single row cup wheel for controlled grinding

One row of segments puts less of the wheel in contact, so the operator keeps more control on edges and corners. Available sintered or high-frequency welded across Dia 105-230 mm.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: sintered type and high frequency welded type are available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	size (mm)	numbers	
SA105SRW	105	4"	20.00/ 0.787"	30*5*8	8
SA115 SRW	115	4.5"	22.23/ 0.875"	30*5*8	9
SA125 SRW	125	5"	22.23/ 0.875"	31*5*8	9
SA150 SRW	150	6"	22.23/ 0.875"	35*5*8	10
SA180 SRW	180	7"	22.23/ 0.875"	35*5*8	12
SA230 SRW	230	9"	22.23/ 0.875"	35*5*8	16

Straight Turbo Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Straight turbo profile for even grinding on stone

A straight turbo profile keeps a constant amount of diamond in contact as the wheel turns, so the surface comes out even rather than scalloped. Hot-press sintered across Dia 105-180 mm.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: hot press sintered

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment	
mm	inch	mm/inch	thickness (mm)	
SA105STW	105	4"	20.00/ 0.787"	5
SA115STW	125	4.5"	22.23/ 0.875"	5
SA125STW	125	5"	22.23/ 0.875"	5
SA150STW	150	6"	22.23/ 0.875"	5
SA180STW	180	7"	22.23/ 0.875"	5

T Segment Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — T segments for edge and corner grinding on stone

The T profile puts diamond on the side as well as the face, which is what edge and corner work needs. Sintered and high-frequency welded across Dia 105-180 mm.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: sintered type and high frequency welded type are available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	height (mm)	numbers	
SA105TSW	105	4"	20.00/ 0.787"/M14/M16	5	8
SA115TS W	115	4.5"	22.23/ 0.875" /M16	5	9

Item ID	Diameter	Bore size	Segment		
SA125TS W	125	5"	22.23/ 0.875" /M16	5	10
SA150TS W	150	6"	22.23/ 0.875" /M16	5	12
SA180TS W	180	7"	22.23/ 0.875" /M16	5	14

Turbo Wave Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Wave turbo cup wheel for cooler stone grinding

The wave face breaks the contact patch into a cycle of bite and release, which keeps the wheel from loading up on soft marble. High-frequency welded versions are available on request.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: high frequency welded type is available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	width (mm)	height (mm)	
SA105TWW	105	4"	20.00/ 0.787" /M14/M16	8	5
SA115TW W	115	4.5"	22.23/ 0.875" /M16	8	5
SA125TW W	125	5"	22.23/ 0.875" /M16	8	5
SA150TW W	150	6"	22.23/ 0.875" /M16	8	5
SA180TW W	180	7"	22.23/ 0.875" /M16	8	5

Wave Turbo Diamond Grinding Cup Wheel for Stone

Diamond Grinding Cup Wheel — Wave segments for fast cooling on long passes

Where a grinding pass runs the length of a slab, heat is the limit rather than diamond. The wave segment layout keeps air and water moving through the contact area.

Application: for smooth and fast grinding granite, marble, and other natural stones

Process: sintered type is available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	width (mm)	height (mm)	
SA105WTW	105	4"	20.00/ 0.787"	20	5
SA115 WTW	115	4.5"	22.23/ 0.875"	20	5
SA125 WTW	125	5"	22.23/ 0.875"	20	5
SA150 WTW	150	6"	22.23/ 0.875"	20	5
SA180 WTW	180	7"	22.23/ 0.875"	24	5

Small Diamond Saw Blades (10)

Angle-grinder and table-saw blades for granite marble and engineered stone

Continuous Rim Blade for Stone

Small Diamond Saw Blades — Chip-free rim for marble limestone and slate

A continuous rim leaves no segment gap to slam against the stone, so the cut edge comes out clean enough to polish directly. It is the blade to reach for on marble, limestone, sandstone and slate where an edge chip means scrap.

Application: for smooth and fast cutting granite, marble, sandstone, slate, limestone and other natural stones

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105CR	105	4"	20.00/ 0.787"	1.6	7
SA110CR	110	4.3"	20.00/ 0.787"	1.6	7
SA115CR	115	4.5"	22.23/ 0.875"	1.6	7
SA125CR	125	5"	22.23/ 0.875"	1.8	7
SA150CR	150	6"	22.23/ 0.875"	1.8	7
SA180CR	180	7"	22.23/ 0.875"	1.8	7
SA200CR	200	8"	22.23/ 0.875"	2.0	7

Item ID	Diameter	Bore size	Segment		
SA230CR	230	9"	22.23/ 0.875"	2.2	7

Deep Teeth Diamond Blade

Small Diamond Saw Blades — Deep teeth with protection segments for hard stone

Deep teeth give the blade a long usable segment life and the protection segments guard the steel core when the cut goes dry. Built for granite and marble where operators push the blade harder than they should.

Application: for smooth and fast cutting granite, marble and other natural stones with protection segment.

Process: cold press sintered, hot press sintered are available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105DT	105	4"	20.00/ 0.787"	2.2	7/8
SA110DT	110	4.3"	20.00/ 0.787"	2.4	7/8
SA115DT	115	4.5"	22.23/ 0.875"	2.4	7/8
SA125DT	125	5"	22.23/ 0.875"	2.4	7/8
SA150DT	150	6"	22.23/ 0.875"	2.4	7/8
SA180DT	180	7"	22.23/ 0.875"	2.6	7/8
SA200DT	200	8"	22.23/ 0.875"	2.6	7/8
SA230 TU	230	9"	22.23/ 0.875"	2.8	7/8

High Segment Continuous Blade

Small Diamond Saw Blades — Tall continuous segment for long service life

A taller segment on a continuous rim means more diamond to consume before the blade is finished, without giving up the chip-free edge. The choice where blade changes cost more than the blade.

Application: for long life, smooth, fast cutting granite, marble and other natural stones

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105HC	105	4"	20.00/ 0.787"	1.6	10/12
SA110HC	110	4.3"	20.00/ 0.787"	1.6	10/12
SA115HC	115	4.5"	22.23/ 0.875"	1.6	10/12/15
SA125HC	125	5"	22.23/ 0.875"	1.8	10/12/15
SA150HC	150	6"	22.23/ 0.875"	1.8	10/12/15
SA180HC	180	7"	22.23/ 0.875"	1.8	10/12/15
SA200HC	200	8"	22.23/ 0.875"	2.0	10/12/15
SA230HC	230	9"	22.23/ 0.875"	2.2	10/12/15

High Segment Turbo Diamond Blade

Small Diamond Saw Blades — Tall turbo segment for long life and fast cutting

The tall turbo segment keeps the swarf clearing of a turbo rim and adds the diamond depth of a high segment. Aimed at shops cutting granite and marble all day on the same blade.

Application: for long life, smooth, fast cutting granite, marble and other natural stones

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105HT	105	4"	20.00/ 0.787"	2.0	10/12
SA110HT	110	4.3"	20.00/ 0.787"	2.0	10/12
SA115HT	115	4.5"	22.23/ 0.875"	2.2	10/12/15
SA125HT	125	5"	22.23/ 0.875"	2.2	10/12/15
SA150HT	150	6"	22.23/ 0.875"	2.4	10/12/15
SA180HT	180	7"	22.23/ 0.875"	2.4	10/12/15

Item ID	Diameter	Bore size	Segment		
SA200HT	200	8"	22.23/ 0.875"	2.6	10/12/15
SA230HT	230	9"	22.23/ 0.875"	2.6	10/12/15

High Segmented Diamond Blade

Small Diamond Saw Blades — Tall segments for heavy daily stone cutting

Segment height is what decides how long a blade stays in the machine, and this series is built around that. Dia 115-230 mm covers grinder and table-saw work in granite and marble.

Application: for long life, smooth, fast cutting granite, marble and other natural stones

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA115HS	115	4.5"	22.23/ 0.875"	2.0	10/15
SA125HS	125	5"	22.23/ 0.875"	2.0	10/15
SA150HS	150	6"	22.23/ 0.875"	2.2	10/15
SA180HS	180	7"	22.23/ 0.875"	2.2	10/15
SA200HS	200	8"	22.23/ 0.875"	2.4	10/15
SA230HS	230	9"	22.23/ 0.875"	2.6	10/15

Segmented Diamond Blade for Stone

Small Diamond Saw Blades — Segmented rim for faster cutting in hard natural stone

Segment gaps let water and swarf escape, which keeps the cut cool and the feed rate up on granite and hard sandstone. It trades a little edge quality for speed, and that is the right trade on rough sizing cuts.

Application: for smooth and fast cutting granite, marble, sandstone, slate, limestone and other natural stones

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105 SG	105	4"	20.00/ 0.787"	1.8	7/10
SA110 SG	110	4.3"	20.00/ 0.787"	1.8	7/10
SA115 SG	115	4.5"	22.23/ 0.875"	2.0	7/10
SA125 SG	125	5"	22.23/ 0.875"	2.0	7/10
SA150 SG	150	6"	22.23/ 0.875"	2.2	7/10
SA180 SG	180	7"	22.23/ 0.875"	2.2	7/10
SA200 SG	200	8"	22.23/ 0.875"	2.4	7/10
SA230 SG	230	9"	22.23/ 0.875"	2.6	7/10

Thin Turbo Diamond Saw Blade for Stone

Small Diamond Saw Blades — Thin kerf turbo blade for low-loss cutting

A thinner core takes less stone out with every cut, which matters when the offcut is the customer's worktop. The turbo rim keeps it cutting fast despite the reduced kerf.

Application: for smooth and fast cutting granite, marble, sandstone, slate, limestone and other natural stones

Process: cold press sintered, hot press sintered are available, flange is available

Bond: please inform your stone information, we will choose the best bonding for you

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105TT	105	4"	20.00/ 0.787"	2.0	7
SA110TT	110	4.3"	20.00/ 0.787"	2.0	7
SA115TT	115	4.5"	22.23/ 0.875"	2.2	7
SA125TT	125	5"	22.23/ 0.875"	2.2	7
SA150TT	150	6"	22.23/ 0.875"	2.4	7
SA180TT	180	7"	22.23/ 0.875"	2.4	7
SA200TT	200	8"	22.23/ 0.875"	2.6	7
SA230TT	230	9"	22.23/ 0.875"	2.6	7

Turbo Diamond Saw Blade for Stone

Small Diamond Saw Blades — Turbo rim for fast dry-tolerant cutting in stone

The turbo rim is a continuous rim with a waved cutting face, so it clears swarf like a segmented blade while keeping a nearly closed edge. Cold-press and hot-press sintered versions cover light site work through daily shop use.

Application: for smooth and fast cutting granite, marble, sandstone, slate, limestone and other natural stones

Process: cold press sintered, hot press sintered are available

Bond: please inform your stone information, we will choose the best bonding for you

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105 TU	105	4"	20.00/ 0.787"	2.0	7
SA110 TU	110	4.3"	20.00/ 0.787"	2.0	7
SA115 TU	115	4.5"	22.23/ 0.875"	2.2	7
SA125 TU	125	5"	22.23/ 0.875"	2.2	7
SA150 TU	150	6"	22.23/ 0.875"	2.4	7
SA180 TU	180	7"	22.23/ 0.875"	2.4	7
SA200 TU	200	8"	22.23/ 0.875"	2.6	7
SA230 TU	230	9"	22.23/ 0.875"	2.6	7

Turbo Segmented Diamond Blade

Small Diamond Saw Blades — Turbo segments combining speed with edge control

Turbo-profiled segments cut faster than a plain segment but leave a tidier edge than a standard segmented rim. Cold and hot press sintered versions cover both the site trade and production shops.

Application: for smooth and fast cutting granite, marble and other natural stones

Process: cold press sintered, hot press sintered are available

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105TS	105	4"	20.00/ 0.787"	2.0	7
SA110TS	110	4.3"	20.00/ 0.787"	2.0	7
SA115TS	115	4.5"	22.23/ 0.875"	2.2	7
SA125TS	125	5"	22.23/ 0.875"	2.2	7
SA150TS	150	6"	22.23/ 0.875"	2.4	7
SA180TS	180	7"	22.23/ 0.875"	2.4	7
SA200TS	200	8"	22.23/ 0.875"	2.6	7
SA230TS	230	9"	22.23/ 0.875"	2.6	7

Turbo Wave Diamond Saw Blade for Stone

Small Diamond Saw Blades — Wave turbo rim for cooler running in dense stone

The wave profile increases the cutting surface in contact without closing the swarf path, so the blade runs cooler in dense granite. It is the version to pick when cuts are long and the machine cannot flood the kerf.

Application: for smooth and fast cutting granite, marble, sandstone, slate, limestone and other natural stones

Process: cold press sintered, hot press sintered are available, flange is available

Bond: please inform your stone information, we will choose the best bonding for you

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105WA	105	4"	20.00/ 0.787"	2.2	7
SA110WA	110	4.3"	20.00/ 0.787"	2.2	7
SA115 WA	115	4.5"	22.23/ 0.875"	2.4	7
SA125WA	125	5"	22.23/ 0.875"	2.4	7
SA150WA	150	6"	22.23/ 0.875"	2.6	7
SA180WA	180	7"	22.23/ 0.875"	3.0	7
SA200WA	200	8"	22.23/ 0.875"	3.0	7
SA230WA	230	9"	22.23/ 0.875"	3.2	7

Diamond Wire for Stone (5)

Diamond wire and beads for quarry squaring profiling and multi-cutting

Diamond Beads for Stone

Diamond Wire for Stone — Loose beads for re-stringing diamond wire

Wire is consumable and beads are the part that wears, so re-stringing a cable is cheaper than replacing it. Item IDs SA105DWB-SA115DWB cover the standard quarry and squaring diameters.

Application: for diamond wire saw

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Length
mm	mm	mm	
SA115DWB	11.5	5.1	10
SA110DWB	11.0	5.1	10
SA105DWB	10.5	5.1	10
SA100DWB	10.0	5.1	10
SA90DWB	9.0	4.1	10
SA88DWB	8.8	4.1	10
SA85DWB	8.5	4.1	10
SA82DWB	8.2	4.1	10
SA72DWB	7.2	4.1	10

Diamond Wire Saw for Multi-cutting

Diamond Wire for Stone — Multi-wire slab cutting at low kerf loss

Multi-wire machines turn a block into slabs with a fraction of the kerf loss of a gang saw, and the wire has to run true across every strand. Item IDs SA85GMP and SA90GMP cover the standard multi-cutting diameters.

Application: for multi-cutting slabs with fast speed, high efficiency, low noise, environment protection

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Fixing type	Beads	
mm	Number(pcs/m)	Length(mm)		
SA85GMP	8.5	Plastic	37/39	10
SA90GMP	9.0	Plastic	37/39	10

Granite hardness	Linear speed	Cutting speed	Service life
m/s	mm/min	m 2 /m	
Soft	22-26	5-8	10-14
Medium	20-24	2-5	8-12
Hard	18-22	1-3	5-8

Diamond Wire Saw for Profiling

Diamond Wire for Stone — Profiling wire for shaped cuts in stone

Profiling asks the wire to follow a curve under tension without shedding beads, which is a bond and spacing question. Item IDs SA85GPP-SA90GPS cover 8.5-9.0 mm wire in both configurations.

Application: for stone profiling with high efficiency, low noise, environment protection

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Fixing type	Beads	
mm	Number(pcs/m)	Length(mm)		
SA85GPP	8.5	Plastic	37-39	10
SA85GPS	Plastic+Spring	37-39	10	
SA90GPP	9.0	Plastic	37-39	10
SA90GPS	Plastic+Spring	37-39	10	

Granite hardness	Linear speed	Cutting speed	Service life
m/s	mm/min	m 2 /m	

Granite hardness	Linear speed	Cutting speed	Service life
Soft	26-30	10-15	8-12
Medium	22-26	5-10	7-10
Hard	18-22	4-6	4-7

Diamond Wire Saw for Quarry

Diamond Wire for Stone — Quarry wire for primary block extraction

Quarry cutting asks for a wire that survives long unattended runs with high efficiency and low noise. The SA110GQR and SA110GQS families cover rubber and spring configurations on the same bead diameter.

Application: for quarry cutting with high efficiency, low noise, environment protection

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Fixing type	Beads	
mm	Number(pcs/m)	Length(mm)		
SA110GQR	11.0	Rubber	39/40	10
SA110GQS	11.0	Rubber+Spring	39/40	10
SA110GQR	11.5	Rubber	39/40	10
SA110GQS	11.5	Rubber+Spring	39/40	10

Granite hardness	Linear speed	Cutting speed	Service life
m/s	mm/min	m 2 /m	
Soft	26-30	4-7	11-14
Medium	22-26	1-4	8-11
Hard	18-22	1-3	6-9

Diamond Wire Saw for Squaring

Diamond Wire for Stone — Squaring wire for trimming blocks to size

Squaring runs shorter cuts than a quarry face but demands a straighter line, so bead spacing is tighter. Item IDs SA100GSR-SA110GSP cover rubber and spring wire from 10.0 to 11.0 mm.

Application: for block squaring with high efficiency, low noise, environment protection

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Fixing type	Beads	
mm	Number(pcs/m)	Length(mm)		
SA100GSR	10.0	Rubber	40	10
SA100GSP	Plastic	37	10	
SA105GSR	10.5	Rubber	40	10
SA105GSP	Plastic	37	10	
SA110GSR	11.0	Rubber	40	10
SA110GSP	Plastic	37	10	

Granite hardness	Linear speed	Cutting speed	Service life
m/s	mm/min	m 2 /m	
Soft	26-30	4-7	9-12
Medium	22-26	1-4	8-10
Hard	18-22	1-3	6-8

Diamond Segments for Stone (4)

Loose segments for re-tipping gang multi and circular saws

Diamond Gang Saw Segments

Diamond Segments for Stone — Gang saw segments for marble block sawing

A gang saw consumes segments rather than blades, so buying the segment is the whole point. Item IDs SA20GSS and SA24GSS are hot-press sintered for consistent diamond distribution across the set.

Application: used for gang saw to cut marble

Process: hot press sintered

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Segment size(mm)		
Length	Width	Height	
SA20GSS	20	3.5/4.0/4.5/5.0	10/12
SA24GSS	24	4.0/4.5/5.0	10/12

Diamond Multi-saw Segments

Diamond Segments for Stone — Multi-saw segments for granite block and slab work

Multi-saw segments have to cut fast and stay matched across every blade on the spindle. Item IDs SA1000MSS-SA1600MSS are hot-press sintered for granite block and slab cutting.

Application: used for multi saw to fast and smoothly cut granite block and slabs.

Process: hot press sintered

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter of blade	Segment size(mm)	Segments/set		
mm	Length	Width	Height	pcs	
SA1000MSS	1000	24	7.0/6.0	12	70
SA1200MSS	1200	24	7.5/6.5	12	80
SA1600MSS	1600	24	8.2/7.8	12	108

Segments for 200-800mm Blades

Diamond Segments for Stone — Re-tipping segments for 200-800 mm blades

A worn edge cutting blade still has a perfectly good steel core, and re-tipping it costs a fraction of a new blade. Item IDs SA250DS-SA800DS cover the edge cutting range.

Application: used for diamond edge cutting blade to fast and smoothly cut stones.

Process: hot press sintered

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

ID Item	Diameter	Segment Size (mm)	Segment No.			
mm	Inch	Length	Width	Height	(pcs /set)	
SA250DS	250	10"	40	2.6/2.8	10/12	18
SA300DS	300	12"	40	3.0/3.2	10/12	21
SA350DS	350	14"	20/40	3.2/3.4	10/12/15	24
SA400DS	400	16"	20/40	3.4/3.6/3.8	10/12/15	28
SA450DS	450	18"	40	3.6/3.8/4.0	10/12/15	32
SA500DS	500	20"	20/40	4.2	10/12/15	36
SA550DS	550	22"	40	4.2/4.4	10/12/15	38
SA600DS	600	24"	20/40	4.2/4.6	10/12/15	42
SA700DS	700	28"	40	5.0	10/12/15	50
SA750DS	750	30"	40	5.5	10/12/15	50
SA800DS	800	32"	20/40	5.2	10/12/15	46

Segments for 900-3500mm Blades

Diamond Segments for Stone — Re-tipping segments for 900-3500 mm block blades

Large block blades are worth re-tipping many times over, provided the segment matches the stone and the saw. Item IDs SA900DS-SA3500DS cover granite sandstone and other block work.

Application: used for fast and smooth block butting granite, sandstone and other stones

Process: hot press sintered

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment Size	Segment No.		
mm	Length	Width (Taper Type)	Height	pcs /set	
SA900DS	900	24	7.0/6.5	10/12/15/20	64
SA1000DS	1000	24	7.0/6.5	10/12/15/20	70

Item ID	Diameter	Segment Size	Segment No.		
SA1100DS	1100	24	7.4/6.8	12/15/20	74
SA1200DS	1200	24	7.5/7.0	12/15/20	80
SA1300DS	1300	24	8.0/7.5	12/15/20	88
SA1350DS	1350	24	8.4/7.7	12/15/20	88
SA1400DS	1400	24	8.5/8.0	12/15/20	96
SA1600DS	1600	24	9.0/8.7/8.4	12/15/20	104/108
SA1700DS	1700	24	9.4/8.9/8.4	12/15/20	112
SA1800DS	1800	24	9.5/9.0	12/15/20	120
SA2000DS	2000	24	10.5/9.5	12/15/20	128
SA2200DS	2200	24	11.5/10.5	12/15/20	132/136
SA2500DS	2500	24/30	12/11.5/11	15/20/25/30	140
SA2700DS	2700	24/30	12/11.5/11	15/20/25/30	140
SA3000DS	3000	24/30	12.5/12/11.5	15/20/25/30	160
SA3500DS	3500	24/30	13/12.5/12	15/20/25/30	180

Flexible Diamond Pad (3)

Flexible diamond pads and buffs for wet and dry stone polishing

Flexible Diamond Pad for Dry Polishing

Flexible Diamond Pad — Dry flexible pads for on-site stone polishing

On an installed worktop there is no water and no second chance, which is what the dry pad series is for. Item IDs SA75DPP-SA125DPP cover the standard hand-machine sizes.

Application: used for dry grinding and polishing on special surfaces of natural stone and artificial stone

Process: hot press

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Thickness	Grit size	
mm	inch	mm		
SA75DPP	75	3	3	50#, 100#, 200#, 400#, 800#, 1500#, 3000#, buff(black&white;)
SA100DPP	100	4	3	
SA125DPP	125	5	3	

Flexible Diamond Pad for Wet Polishing

Flexible Diamond Pad — Wet flexible pads for shaped stone surfaces

Flexible pads follow a profile that rigid tooling cannot reach, and wet use keeps them cool so they last. Item IDs SA75WPP-SA125WPP cover 75-125 mm hook-and-loop machines.

Application: used for wet grinding and polishing on special surfaces of natural stone and artificial stone

Process: hot press

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Thickness	Grit size	
mm	inch	mm		
SA75WPP	75	3	3	50#, 100#, 200#, 400#, 800#, 1500#, 3000#, buff(black&white;)
SA100WPP	100	4	3	
SA125WPP	125	5	3	

Flexible Diamond Polishing Buff

Flexible Diamond Pad — Finish buff closing out the flexible pad sequence

After the pad ladder has taken the scratches out, the buff is what brings the gloss up. Item IDs SA75DB-SA125DPB match the pad sizes so the sequence stays on one machine.

Application: used for finish polishing on special surfaces of natural stone and artificial stone

Process: hot press

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Thickness	Grit size	
mm	inch	mm		
SA75DB	75	3	3	buff(black&white;)
SA100DB	100	4	3	
SA125DPB	125	5	3	

Block Cutting Blade (2)

Large-diameter blades for primary block cutting

Diamond Cutting Blade for Granite Block

Block Cutting Blade — Large-diameter blade for granite block cutting

Block cutting is a wet-only job where segment loss mid-block costs hours, so the segment specification follows your saw power rather than a catalogue default. Item IDs SA900BCG-SA3500BCG cover the full block saw range.

Application: for smooth and fast cutting granite block without chipping

Bond: please inform your stone information, we will choose the best bonding for you

Remark: wet cutting only, other sizes are available upon request

Item ID	Diameter	segment			
mm	Length	Width	Height	Numbers	
SA900BCG	900	24	7.0/6.5	10/12/15/20	64
SA1000BCG	1000	24	7.0/6.5	10/12/15/20	70
SA1100BCG	1100	24	7.4/6.8	12/15/20	74
SA1200BCG	1200	24	7.5/7.0	12/15/20	80
SA1300BCG	1300	24	8.0/7.5	12/15/20	88
SA1350BCG	1350	24	8.4/7.7	12/15/20	88
SA1400BCG	1400	24	8.5/8.0	12/15/20	96
SA1600BCG	1600	24	9.0/8.7/8.4	12/15/20	104/108
SA1700BCG	1700	24	9.4/8.9/8.4	12/15/20	112
SA1800BCG	1800	24	9.5/9.0	12/15/20	120
SA2000BCG	2000	24	10.5/9.5	12/15/20	128
SA2200BCG	2200	24	11.5/10.5	12/15/20	132/136
SA2500BCG	2500	24/30	12/11.5/11	15/20/25/30	140
SA2700BCG	2700	24/30	12/11.5/11	15/20/25/30	140
SA3000BCG	3000	24/30	12.5/12/11.5	15/20/25/30	160
SA3500BCG	3500	24/30	13/12.5/12	15/20/25/30	180

Diamond Cutting Blade for Marble Block

Block Cutting Blade — Large-diameter blade for marble block cutting

A marble block cuts faster and softer than granite, and the segment profile here reflects that. Item IDs SA900BCM-SA2000BCM cover primary block cutting on wet saws.

Application: for smooth and fast cutting granite block without chipping

Bond: please inform your stone information, we will choose the best bonding for you

Remark: wet cutting only, other sizes are available upon request

Item ID	Diameter	segment			
mm	Length	Width	Height	Numbers	
SA900BCM	900	24	6.5	8/10/12	64
SA1000BCM	1000	24	7.0	8/10/12	70
SA1200BCM	1200	24/40	7.5	8/10/12	80
SA1300BCM	1300	24/40	8.0	8/10/12	88
SA1350BCM	1350	24/40	8.0	8/10/12	88
SA1400BCM	1400	24/40	8.5	8/10/12	96
SA1600BCM	1600	24/40	9.0	8/10/12	104/108
SA1800BCM	1800	24	9.5	10/12	120
SA2000BCM	2000	24	10.5	10/12	128

Edge Cutting Diamond Blade (2)

Bridge-saw edge cutting blades for granite and marble slabs

Edge Cutting Diamond Blade for Granite

Edge Cutting Diamond Blade — Bridge-saw blade with a granite-specific matrix

Granite needs a harder matrix than marble or the segment wears away before the diamond is used. Item IDs SA250ECG-SA800ECG cover the standard bridge-saw range for chip-free sizing cuts.

Application: for smooth and fast cutting granite without chipping

Bond: please inform your stone information, we will choose the best bonding for you

Remark: wet cutting only, other sizes are available upon request

Item ID	Diameter	Bore size	Segment				
mm	inch	mm	Length(mm)	Thickness(mm)	Height (mm)	Number(pc)	
SA250ECG	250	10	50/60	40	2.8/3.0	10/12/15/20	17
SA300ECG	300	12	50/60	40	3.0/3.2	10/12/15/20	21
SA350ECG	350	14	50/60	40/20	3.0/3.2	10/12/15/20	24
SA400ECG	400	16	50/60	40/20	3.4/3.6	10/12/15/20	28
SA450ECG	450	18	50/60	40/20	3.8/4.0	10/12/15/20	32
SA500ECG	500	20	50/60	40/20	3.8/4.0	10/12/15/20	30/36
SA550ECG	550	22	50/60	40/20	4.0/4.6	10/12/15/20	32/40
SA600ECG	600	24	50/60	40/20	4.6/4.8	10/12/15/20	36/42
SA650ECG	650	26	50/60	40/20	5.0/5.2	10/12/15/20	40/46
SA700ECG	700	28	50/60	40/20	5.0/5.2	10/12/15/20	42/50
SA800ECG	800	32	50/60	40/20	5.5	10/12/15/20	46/57

Edge Cutting Diamond Blade for Marble

Edge Cutting Diamond Blade — Bridge-saw blade with a free-cutting marble bond

Marble needs a softer bond to stay free-cutting, otherwise the blade polishes instead of cutting and the edge chips. Item IDs SA300ECM-SA800ECM cover slab sizing on bridge and CNC saws.

Application: for smooth and fast cutting marble without chipping

Bond: please inform your stone information, we will choose the best bonding for you

Remark: wet cutting only, other sizes are available upon request

Item ID	Diameter	Bore size	Segment				
mm	inch	mm	Length(mm)	Thickness(mm)	Height(mm)	Number(pc)	
SA300ECM	300	12	50/60	40	3.2	8/10	22
SA350ECM	350	14	50/60	40	3.2	8/10	25
SA400ECM	400	16	50/60	40	3.6	8/10	29
SA450ECM	450	18	50/60	40	4.0	8/10	32
SA500ECM	500	20	50/60	40	4.0	8/10	36
SA550ECM	550	22	50/60	40	4.0	8/10	40
SA600ECM	600	24	50/60	40	4.6	8/10	42
SA700ECM	700	28	50/60	40	5.0	8/10	50
SA800ECM	800	32	50/60	40	6.0	8/10	57

Magnesite Abrasives (2)

Magnesite abrasives for granite and marble polishing lines

Magnesite Abrasives for Granite Polishing

Magnesite Abrasives — Magnesite abrasive for rough granite calibration

Before graded grinding starts, granite needs rough calibrating and smoothing, and magnesite does that without loading up. Item IDs SA140MAG and SA170MAG fit automatic polishing machines.

Application: used for rough calibrating and smoothing for granite in the automatic polishing machine

Process: hot press

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Length(mm)	Grit size
SA140MAG	140	#16, #24, #36, #46, #60, #120, #220, #320 #400, #800, #1000, #1500, #3000, Lux
SA170MAG	170	

Magnesite Abrasives for Marble Polishing

Magnesite Abrasives — Magnesite abrasive for marble polishing lines

Marble is softer than granite and needs a correspondingly softer abrasive at the calibrating stage. Supplied for automatic polishing machines on the standard fickert bases.

Diamond Fickert for Stone (2)

Metal and resin bond fickerts for granite and quartz slab lines

Metal Bond Diamond Fickert for Stone

Diamond Fickert for Stone — Metal bond fickert for rough and medium grinding

Metal bond takes the stock off granite and quartz slabs quickly at the start of the polishing sequence. Item IDs SA140MDF and SA170MDF fit standard 140 and 170 mm line heads.

Application: used to make rough and medium grinding on natural granite and artificial quartz slabs surface

Process: hot press sintered

Bond: metal bond for rough polishing, please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Length(mm)	Grit size
SA140MDF	140	36#, 46#, 60, 80#, 100#, 120#, 170#, 240#
SA170MDF	170	

Resin Bond Diamond Fickert for Stone

Diamond Fickert for Stone — Resin bond fickert for the finer grinding steps

Resin bond leaves a finer scratch pattern than metal, so the polishing heads that follow have less to correct. Item IDs SA140RDF and SA170RDF fit the same heads as the metal bond series.

Application: used to make rough and medium grinding on natural granite and artificial quartz slabs surface

Process: hot press sintered

Bond: resin bond for fine polishing, please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Length(mm)	Grit size
SA140RDF	140	120#, 180#, 240#, 300#, 400#, 600#, 800#, 1000#, 1200#, 1500#, 2000#, 3000#
SA170RDF	170	

Concave Dry Diamond Blade (1)

Curved-body blades for dry curve cutting in natural stone

Concave Diamond Cutting Blade

Concave Dry Diamond Blade — Curved body for dry curve cutting in stone

The body itself is curved so the blade can follow a radius without binding in the kerf, and protection segments shield the core while cutting dry. Item IDs SA105CD-SA180CD cover hand-held grinder work on granite and marble.

Application: for curve cutting granite, marble and other natural stones

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105CD	105	4"	20.00/ 0.787"	2.5	8
SA125 CD	125	5"	22.23/ 0.875"	2.5	8
SA150CD	150	6"	22.23/ 0.875"	2.5	8
SA180 CD	180	7"	22.23/ 0.875"	2.5	8

Diamond Core Bits for Stone (1)

Core bits for drilling natural and engineered stone

Diamond Core Bits for Stone

Diamond Core Bits for Stone — Core bits with the bond matched to the stone

Drilling a tap hole through engineered quartz and through granite are different jobs, and the bond has to know which. Available hot-press sintered, silver-welded or laser-welded depending on the drilling load.

Application: for smooth, fast drilling stones

Process: hot press sintered or silver welded or laser welded

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Length	Thread
mm	mm		
SADCB	6mm-125mm	100mm-400mm	1/2" Gas M-14 5/8"-11

Cross Cutting Diamond Blade (1)

Cross cutting blades for marble slab trimming

Diamond Cross Cutting Blade for Marble

Cross Cutting Diamond Blade — Cross-grain cutting without chipping marble

Cutting across the grain is where marble chips most, and the bond here is set for exactly that cut. Item IDs SA300CCM-SA400CCM cover slab trimming and format cutting.

Application: for smooth and fast cutting marble without chipping

Bond: please inform your stone information, we will choose the best bonding for you

Remark: wet cutting only, other sizes are available upon request

Item ID	Diameter	Bore size	Segment			
mm	mm	Length(mm)	Width(mm)	Height(mm)	Number(pcs)	
SA300CCM	300	50/60	40	2.8	8/10	21
SA350CCM	350	50/60	40	3.2	8/10	25
SA400CCM	400	50/60	40	3.6	8/10	28

Diamond Finger Bits (1)

Finger bits for opening holes and truing saw lines in stone

Diamond Finger Bits for Stone

Diamond Finger Bits — Finger bits for cut-outs and truing saw lines

When a sink cut-out lands a couple of millimetres out, the fix is a side-cutting bit rather than a new slab. Item IDs SA25DFB-SA60DFB are hot-press sintered for a long working edge.

Application: used for grinding the holes or truing up saw lines of natural stone and artificial stone

Process: hot press sintered

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Length	Thread
mm	mm		
SA25DFB	25	40/50/60	1/2" Gas
SA30DFB	30		
SA35DFB	35		
SA40DFB	40		
SA50DFB	50		
SA60DFB	60		

Horizontal Cutting Blade (1)

Horizontal cutting blades for block trimming on granite and marble

Diamond Horizontal Cutting Blade for Stones

Horizontal Cutting Blade — Horizontal block trimming in granite and marble

A horizontal cut loads one side of the blade, so the core tension and segment profile are set for that rather than for a vertical cut. Item IDs SA350HCB-SA500HCB cover block trimming in the finishing yard.

Application: for smooth and fast horizontal cutting granite and marble block without chipping

Bond: please inform your stone information, we will choose the best bonding for you

Remark: wet cutting only, other sizes are available upon request

Item ID	Diameter	Bore size	Segment	Steel body				
mm	inch	mm	Length(mm)	Width(mm)	Height(mm)	Number(pc)	Thickness(mm)	
SA350HCB	350	14	50/60	40	5	8/10	24	2.8/7.5
SA400HCB	400	16	50/60	40	5	8/10	28	2.8/7.5
SA450HCB	450	18	50/60	40	5.5	8/10	32	2.8/7.5
SA500HCB	500	20	50/60	40	5.5	8/10	36	2.8/7.5

Diamond Profile Wheel (1)

Profile wheels for edges and corners on natural and engineered stone

Diamond Profile Wheel for Stones

Diamond Profile Wheel — Profile wheel for repeatable shaped edges

Hand-shaping an edge never repeats twice, which is the argument for a profile wheel ground to your template. Sintered or electroplated in Dia 200-350 mm, made to your drawing.

Application: used for squaring on special edges and corners of natural stone and artificial stone

Process: hot press sintered or electroplated

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment	
mm	inch	thickness(mm)	
SA200DPW	200	8	20/25/30/35/40
SA250DPW	250	10	
SA300DPW	300	12	
SA350DPW	350	14	

Diamond Roller for Stone (1)

Calibrating rollers for slab thickness control

Diamond Roller for Stone

Diamond Roller for Stone — Calibrating roller for even slab thickness

A polishing line can only hold gloss if every slab arrives at the same thickness, and that is set at the calibrating head. Item IDs SA400DR-SA600DR run silver-welded segments for continuous duty.

Application: used for calibrating slabs or tiles surface evenly to adjust the thickness and balance of slabs or tiles surface

Process: silver welded

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Total length	Spiral	Segment	
mm	mm	width (mm)	height (mm)		
SA400DR	235	400	5/7	9	12
SA450DR	235	450	5/7	9	12
SA500DR	235	500	5/7	9	12
SA600DR	235	600	5/7	9	12

Diamond Multi-saw Blade (1)

Multi-blade saw blades for high-throughput slab production

Dimmond Multi-saw Blade for Stones

Diamond Multi-saw Blade — Matched blades for multi-blade slab saws

On a multi-blade saw the blades work as a set, so kerf and diameter have to match across the whole spindle. Item IDs SA900MSD-SA1200MSD are supplied as matched sets with cost per square metre as the design target.

Application: for smooth and fast cutting stones with low cost

Bond: please inform your stone information, we will choose the best bonding for you

Remark: wet cutting only, other sizes are available upon request

Item ID	Diameter	Segment	Blade number use together			
mm	Length(mm)	Width(mm)	Height(mm)	Number	piece	
SA900MSD	900	23.5	7.8	12	64	30
SA1000MSD	1000	24	6.8/6.0	12	70	30
SA1200MSD	1200	24	7.6/7.0	12	80	30
SA900MSI	800	24	7.5/6.5	12	66	15
SA900MSI	1200	24	7.6/6.5	12	80	15
SA900MSI	1300	23.5	8.2/7.8	12	88	30
SA900MSI	1600	23.5	8.2/7.8	12	108	30

Tuck Point for Stone (1)

Laser-welded tuck point blades for joint and slot work in stone

Laser Welded Tuck Point for Stone

Tuck Point for Stone — Laser-welded joint cutting in granite and marble

Slot cutting loads a segment sideways, which is where sintered joints fail and laser welds hold. Dia 105-230 mm covers the joint and anchor slot work stone masons do on site.

Application: for fast cutting granite, marble and other natural stones with laser welded segments

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
SA105TP	105	4"	20.00/ 0.787"	6.4	7/9/10
SA125 TP	125	5"	22.23/ 0.875"	6.4	7/9/10
SA150 TP	150	6"	22.23/ 0.875"	6.4	7/9/10
SA180 TP	180	7"	22.23/ 0.875"	6.4	7/9/10
SA200 TP	200	8"	22.23/ 0.875"	6.4	7/9/10
SA230 TP	230	9"	22.23/ 0.875"	6.4	7/9/10

Polishing Buff for Stone (1)

Polishing buffs for final gloss on stone surfaces

Polishing Buff for Stones

Polishing Buff for Stone — Polishing buff built for fast work and long life

Gloss is the last step and the one customers judge, so the buff has to keep cutting after the first few square metres. Item IDs SA100PB-SA200PB cover hand machines and line heads.

Application: fast polishing and long time serving life

Bond: AAA AA B

Remark: this item is very popular in India, Brazil and other countries

Item ID	Diameter	Base color	
mm	Inch		
SA100PB	100	4	Red/Green/Black
SA125PB	125	5	Red/Green/Black
SA150PB	150	6	Red/Green/Black
SA180PB	180	7	Red/Green/Black
SA200PB	200	8	Red/Green/Black

Resin Bond Grinding Disc (1)

Resin bond grinding discs for stone surface work

Resin Bond Grinding Disc for Stones

Resin Bond Grinding Disc — Resin bond disc for stone surface grinding

A resin matrix gives way slightly under load, which is why it leaves a finer scratch pattern than metal tooling on stone surfaces. Used between metal bond grinding and the polishing buffs.

Ceramic Tile

12 categories · 16 products

Diamond Cutting Blades (2)

Tile cutting blades for porcelain glazed and rustic tiles

Continuous Rim Blade for Ceramics

Diamond Cutting Blades — Chip-free cutting on porcelain and glazed tiles

A closed rim is the only way to cut polished porcelain without picking the glaze off the edge. Item IDs TA105CR-TA350CR are hot-press sintered for tile plants cutting to format.

Application: for smooth, fast and chip-free cutting ceramic tiles, porcelain tiles, glazed floor

Process: hot-press sintered

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment	Grit size		
mm	inch	mm	thickness (mm)	height (mm)		
TA105CR	105	4	20	1.8	7	64#, 76#, 91#, 107#, 126#, 151#, 181#, 213#, 252#, 301#, 427#
TA115CR	115	4.5	20	1.8	7	
TA125CR	125	5	20	1.8	7	
TA150CR	150	6	22.23	2.0	7	
TA180CR	180	7	22.23	2.0/2.2	7	
TA200CR	200	8	22.23	2.0/2.2	7	
TA230CR	230	9	22.23	2.2/2.4	7	
TA250CR	250	10	60	2.0/2.2/2.4	10	
TA300CR	300	12	60	2.0/2.2/2.4	10	
TA350CR	350	14	60/50	2.0/2.2/2.4/2.6	10	
TA400CR	400	16	75	2.2/2.4/2.6	10	

Segmented Diamond Blade for Ceramics

Diamond Cutting Blades — Laser-cut slots for faster tile cutting

Special laser-cut slots clear swarf on thick and double-loaded tile bodies where a closed rim would stall. Item IDs TA180SG-TA350SG are silver-welded for continuous production duty.

Application: for smooth, fast and chip-free cutting ceramic tiles, porcelain tiles, glazed floor with special laser cut slot

Process: silver welded

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment	Grit size		
mm	inch	mm	thickness (mm)	height (mm)		
TA180SG	180	7	60	1.8/2.0	10	126#, 151#, 181#, 213#, 252#, 301#, 427#
TA200SG	200	8	60	1.8/2.0	10	
TA250SG	250	10	60	1.8/2.0/2.2/2.4	10	
TA300SG	300	12	60	1.8/2.0/2.2/2.4	10	
TA350SG	350	14	60/50	2.4/2.6/2.8	10	
TA400SG	400	16	60/50	2.4/2.6/2.8	10	
TA450SG	450	18	75/50	2.6/3.0	10	

Diamond Cylindrical Wheels (2)

Cylindrical wheels for rough grinding after the calibrating roller

Continuous Rim Diamond Cylindrical Wheels

Diamond Cylindrical Wheels — Continuous rim rough grinding after calibration

Sitting right after the calibrating roller, this wheel decides how much work the polishing heads still face. Item IDs TA150CCW1-TA200CCW2 are hot-press sintered.

Application: used to make rough grinding after diamond calibrating roller on ceramic tiles surface

Process: hot press sintered

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment	Grit size	
mm	length (mm)	height (mm)		
TA150CCW1	150	90	10	60#, 80#, 100#, 120#, 140#
TA150CCW2	150	40	10	
TA180CCW1	180	60	10	
TA200CCW1	200	58	10	
TA200CCW2	200	40	10	
TA200CCW3	200	24	10	

Segmented Diamond Cylindrical Wheels

Diamond Cylindrical Wheels — Segmented cylindrical wheel for faster removal

Segments remove stock faster than a closed rim at the rough grinding station, which matters when the calibrating pass left more than planned. Item IDs TA130SCW2-TA200SCW1 are silver-welded.

Application: used to make rough grinding after diamond calibrating roller on ceramic tiles surface

Process: silver welded

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment	Spiral	Grit size	
mm	thickness (mm)	height (mm)			
TA185SCW	185	8	13	12	60#, 80#, 100#, 120#, 140#
TA200SCW1	200	9	10	8	
TA130SCW2	200	6	10	16	
TA150SCW3	200	6	10	16	
TA208SCW	208	9	14	8	

Silicon Carbide Abrasive (2)

Magnesium oxide and resin bond silicon carbide abrasives for tile surfaces

Magnesium Oxide Bond Silicon Carbide Abrasive

Silicon Carbide Abrasive — Magnesium oxide bond for graded tile grinding

The magnesium oxide bond covers the rough, medium and fine grinding ladder on tile surfaces where diamond would be too aggressive. Item IDs TA140MOA and TA170MOA are hot-pressed.

Application: used to make rough, medium and fine grinding and polishing on ceramic tiles surface

Process: hot press

Bond: Magnesium oxide bond

Remark: other sizes are available upon customer's request

Item ID	Type	Grit size
TA140MOA	T1 L140	24#, 36#, 46#, 80#, 100#, 120#, 170#, 240#, 320#, 400#, 500#, 600#, 800#, 1000#, 1200#, 1500#, 1800#, 2500#
TA170MOA	T2 L170	

Resin Bond Silicon Carbide Abrasive

Silicon Carbide Abrasive — Resin bond abrasive for matt tile finishes

A matt finish needs an abrasive that yields under load rather than one that cuts through. Item IDs TA140RSA and TA170RSA run on normal polishing machines for smooth matt effects.

Application: used on normal polishing machines to make mat effect grinding on ceramic tiles surface in order to achieve smooth and uniform color surface

Process: hot press

Bond: resin bond

Remark: other sizes are available upon customer's request

Item ID	Type	Grit size
TA140RSA	T1 L140	36#, 46#, 80#, 100#, 120#, 170#, 240#, 320#, 400#, 500#, 600#, 800#, 1000#, 1200#, 1500#
TA170RSA	T2 L170	

Diamond Chamfering Wheels (2)

Chamfering wheels for porcelain and wear-resistant tile edges

Metal Bond Diamond Chamfering Wheels

Diamond Chamfering Wheels — Metal bond chamfering for hard tile edges

Metal bond takes the material off the arris quickly on polished porcelain and wear-resistant bodies. Item IDs

TA120GB-TA130GB are hot-press sintered for standard chamfering heads.

Application: used to make chamfering on polished porcelain tiles, wearable ceramic tiles

Process: hot press sintered

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment		
mm	inch	thickness (mm)	height (mm)	
TA120GB	120	4.8	9	9/14
TA125GB	125	5	9	9/14
TA130GB	130	5.2	9	9/14
TA135GB	135	5.4	9	9/14
TA150GB	150	6	9	9/14

Resin Bond Diamond Chamfering Wheels

Diamond Chamfering Wheels — Resin bond chamfering on an aluminium base

Resin bond on an aluminium base finishes the chamfer smoothly after the metal bond wheel has taken the stock off. Item IDs TA125Y6-TA130Y6 fit the same stations.

Application: used to make chamfering on polished porcelain tiles, wearable ceramic tiles with aluminum base

Process: hot press sintered, resin bond

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment	Grit size	Type	
mm	thickness (mm)	height (mm)			
TA130Y3	130	40	10/12	230#, 400#, 600#, 800#	Y3
TA125Y6	125	25	15/20	Y6	
TA130Y6	130	40	15/20	Y6	

Item ID	Diameter	Segment	Grit size	Base material	
mm	thickness (mm)	height (mm)			
TA100RCA	100	40	15/20	230#, 270#, 320#, 400#, 600#, 800#	Aluminum
TA125RCA	125	25	15/20		
TA130RCA	130	40	10/20		
TA150RCA	150	40	10/20		

Diamond Fickert (1)

Diamond fickerts replacing silicon carbide on tile lines

Diamond Fickert for Ceramic Tile

Diamond Fickert — Diamond fickert replacing silicon carbide on tile lines

Silicon carbide changes its cut as it wears, so the finish drifts through the shift. Item IDs TA140DF and TA170DF hold their cut for rough and medium grinding on tile surfaces.

Application: used to make rough and medium grinding on ceramic tiles surface in the replace of traditional Silicon Carbide Abrasives

Process: hot press sintered

Bond: metal bond for rough polishing, resin bond for fine polishing

Remark: other sizes are available upon customer's request

Item ID	Type	Grit size
TA140DF	T1 140	36#, 46#, 60, 80#, 100#, 120#, 170#, 240#, 320#
TA170DF	T2 170	

Diamond Grooving Blades (1)

Grooving blades for tile back and face grooving

Diamond Grooving Blades

Diamond Grooving Blades — Grooving blades for tile back and face slots

Groove depth that varies along a tile shows up as lippage after installation, so the segment has to hold its width. Item IDs TA115GB-TA250GB are silver-welded for continuous grooving.

Application: used to make grooving on polished porcelain tiles, wearable ceramic tiles, rustic tiles, glaze floor and wall tiles

Process: silver welded

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment	Grit size		
mm	inch	mm	thickness (mm)	height (mm)		
TA115GB	115	4.5	20	4.0/5.0	7	107#, 126#, 151#, 181#
TA150GB	150	6	30/32	5.0/6.0/10	7	
TA200GB	200	8	30/32	5.0/6.0	7	
TA250GB	250	10	60	3.0/3.8/4.0/5.0/10/15/20	7	
TA300GB	300	12	60	3.0/3.8/4.0/4.8/5.0/6.0/6.5/10/15/20	7	

Diamond Roller for Ceramic (1)

Calibrating rollers for uniform tile thickness before polishing

Diamond Roller for Ceramic

Diamond Roller for Ceramic — Calibrating roller for uniform tile thickness

Polishing an out-of-tolerance tile only moves the error into the gloss, so thickness is fixed here first. Item IDs TA240DR and TA320DR are silver-welded for continuous calibrating.

Application: used to calibrate and achieve a uniform thickness on ceramic tiles surface before polishing.

Process: silver welded

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Total length	Spiral	Segment	Grit size	
mm	mm	width (mm)	height (mm)			
TA240DR	240	400, 800, 1000, 1600	5, 7, 8, 10	9	12	30#, 40#, 60, 80#, 100#, 120#, 140#
TA320DR	320	9	12			

Diamond Satellite Wheels (1)

Satellite wheels for rough grinding on tile polishing lines

Diamond Satellite Wheels

Diamond Satellite Wheels — Satellite wheels for even rough grinding on tiles

Uneven rough grinding turns into a visible gloss difference across the finished tile face. Item IDs TA150STW1-TA150STW3 are hot-press sintered in graded specifications.

Application: used to make rough grinding after diamond calibrating roller on ceramic tiles surface

Process: hot press sintered

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment	Grit size	
mm	length (mm)	height (mm)		
TA150STW1	150	20	20	60#, 70#, 80#, 100#, 120#
TA150STW2	150	15	20	

Item ID	Diameter	Segment	Grit size	
TA150STW3	150	15	15	

Glaze Polishing Abrasive (1)

Glaze abrasives for full and semi-polishing of rustic tiles

Glaze Polishing Abrasive

Glaze Polishing Abrasive — Full and semi-polishing on glazed and rustic tiles

Bringing gloss up on a glazed surface without cutting through the glaze is a grade-and-pressure problem. Item IDs TA140GPA and TA170GPA run on normal polishing machines.

Application: used on normal polishing machines to make flexible full-polishing and semi-polishing on the surfaces of rustic tiles, stone-like porcelain tiles, crystal-effect polished porcelain tiles and glaze tiles

Process: hot press sintered

Bond: resin bond

Remark: other sizes are available upon customer's request

Item ID	Type	Grit size
TA140GPA	T1 L140	100#, 120#, 170#, 240#, 320#, 400#, 500#, 600#, 800#, 1000#, 1200#, 1500#, 2000#, 3000#, 6000#, 8000#
TA170GPA	T2 L170	

Grinding Brush (1)

Diamond grinding brushes for matt and flexible tile finishing

Grinding Brush

Grinding Brush — Flexible brush finishing for structured tile surfaces

A structured surface has to be finished without being flattened, which rules out rigid tooling. Item IDs TA140GB and TA170GB cover T1 and T2 types from 36 to 1500 grit.

Application: used on normal polishing machines to make mat and flexible grinding

Remark: other sizes are available upon customer's request

Item ID	Type	Grit size
TA140GB	T1 L140	36#, 46#, 80#, 100#, 120#, 170#, 240#, 320#, 400#, 500#, 600#, 800#, 1000#, 1200#, 1500#
TA170GB	T2 L170	

Peripheral Squaring Wheels (1)

Metal bond peripheral wheels for tile edge squaring

Metal Bond Peripheral Squaring Wheels

Peripheral Squaring Wheels — Rough squaring on glazed and porcelain tile edges

Rough squaring sets up the size that the fine wheels then hold, and it is where most of the material comes off. Item IDs TA180PS1-TA200PS3 are silver-welded for continuous duty.

Application: used to make squaring on glaze floor tiles edges, and is also used to make rough squaring on polished porcelain tiles

Process: silver welded

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment	Grit size	
mm	width (mm)	height (mm)		
TA180PS1	180	9	12	46#, 60#, 70#, 80#, 100#, 120#, 140#
TA180PS2	180	10	10	
TA180PS3	180	10	14	
TA200PS1	200	9	12	
TA200PS2	200	10	10	
TA200PS3	200	10	14	

Diamond Squaring Wheels (1)

Resin bond wheels for fine squaring on tile edges

Resin Bond Diamond Squaring Wheels

Diamond Squaring Wheels — Fine squaring for rectified tile edges

Fine squaring has to deliver size, flatness and edge finish in the same pass, which is what a resin matrix is for. Item IDs TA200RS1-TA250RS2 are hot-press sintered.

Application: used to make fine squaring on ceramic tiles edges in order to achieve high precision size, flat and smooth effect.

Process: hot press sintered

Bond: please tell us your tiles and working condition, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment	Grit size	
mm	width (mm)	height (mm)		
TA200RS1	200	25	12	80#, 100#, 120#, 150#, 180#
TA200RS2	200	40	12	
TA250RS1	250	25	12	
TA250RS2	250	40	12	

Construction and Demolition

10 categories · 25 products

Diamond Grinding Cup Wheels (10)

Cup wheels for concrete grinding and surface preparation

Arrow Segment Diamond Grinding Cup Wheel

Diamond Grinding Cup Wheels — Arrow segments for fast concrete removal

Arrow segments are the aggressive end of the cup wheel range, for taking coatings and high spots off a slab. Item IDs CA105ASW-CA180ASW are silver-welded for that load.

Application: for smooth and fast grinding concrete

Process: silver welded

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	width (mm)	height(mm)	
CA105ASW	105	4"	20	8	5
CA115ASW	115	4.5"	22.23	8	5
CA125ASW	125	5"	22.23	8	5
CA150ASW	150	6"	22.23	8	5
CA180ASW	180	7"	22.23	8	5

Continuous Rim Diamond Grinding Wheel with Slot

Diamond Grinding Cup Wheels — Slotted rim balancing finish and cooling

The slots let the rim clear dust and run cooler while keeping most of the smooth finish of a closed rim. Item IDs CA105CRS-CA125CRS are hot-pressed sintered.

Application: for smooth and fast grinding concrete with slot

Process: hot pressed sintered

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	width (mm)	height(mm)	
CA105CRS	105	4"	20	7/10	5
CA115CRS	115	4.5"	22.23	7/10	5
CA125CRS	125	5"	22.23	7/10	5

Continuous Rim Diamond Grinding Wheel

Diamond Grinding Cup Wheels — Continuous rim for smoothing concrete surfaces

A closed rim leaves no segment marks, which is what you want on the finishing passes rather than the removal passes. Item IDs CA105CRW-CA125CRW are hot-press sintered.

Application: for smooth and fast grinding concrete

Process: hot press sintered

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	width (mm)	height(mm)	
CA105CRW	105	4"	20	7/10	5
CA115CRW	115	4.5"	22.23	7/10	5
CA125CRW	125	5"	22.23	7/10	5

Double Row Diamond Grinding Cup Wheel

Diamond Grinding Cup Wheels — Double row wheel for long removal runs

Two rows keep the wheel flat and stretch the working time between changes when there is a lot of concrete to remove. Item IDs CA105DRW-CA180DRW are silver-welded.

Application: for fast remove concrete with long working time

Process: silver welded

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	size (mm)	number	
CA105DRW	105	4"	20	30*5*8	8/8
CA115 \ DRW	115	4.5"	22.23	30*5*8	9/9
CA125SRW	125	5"	22.23	31*5*8	9/9
CA150DRW	150	6"	22.23	35*5*8	10/10
CA180DRW	180	7"	22.23	35*5*8	12/12
CA230DRW	230	9"	22.23	35*5*8	16/16

L Segment Diamond Grinding Cup Wheel

Diamond Grinding Cup Wheels — L segments for edge work on concrete floors

L-shaped segments reach into the corner a flat face cannot, and the silver braze holds them under that side load. Item IDs CA105LSW-CA180LSW.

Application: for smooth and fast grinding concrete with L shape segment

Process: silver welded

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	length (mm)	height(mm)	
CA105LSW	105	4"	20	20	5
CA115LSW	115	4.5"	22.23	20	5
CA125LSW	125	5"	22.23	20	5
CA150LSW	150	6"	22.23	20	5
CA180LSW	180	7"	22.23	20	5

Single Row Diamond Grinding Cup Wheel

Diamond Grinding Cup Wheels — Single row wheel for controlled concrete grinding

One segment row puts less wheel in contact, so the operator keeps control near walls and edges. Available sintered or high-frequency welded, Item IDs CA105SRW-CA180SRW.

Application: for smooth and fast grinding concrete

Process: sintered type and high frequency welded type are available

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	size (mm)	number	
CA105SRW	105	4"	20	30*5*8	8
CA115SRW	115	4.5"	22.23	30*5*8	9
CA125SRW	125	5"	22.23	31*5*8	9
CA150SRW	150	6"	22.23	35*5*8	10
CA180SRW	180	7"	22.23	35*5*8	12
CA230SRW	230	9"	22.23	35*5*8	16

Straight Turbo Diamond Grinding Wheel

Diamond Grinding Cup Wheels — Straight turbo profile for even concrete grinding

The straight turbo face keeps a constant amount of diamond in contact, so the slab comes out even instead of scalloped. Sintered and high-frequency welded versions, CA105STW-CA180STW.

Application: for smooth and fast grinding concrete

Process: sintered type and high frequency welded type are available

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	width (mm)	height(mm)	
CA105STW	105	4"	20	15	5
CA115STW	115	4.5"	22.23	15	5
CA125STW	125	5"	22.23	15	5
CA150STW	150	6"	22.23	15	5
CA180STW	180	7"	22.23	15	5

T Segment Diamond Grinding Cup Wheel

Diamond Grinding Cup Wheels — T segments for grinding into concrete corners

The T profile carries diamond on the side as well as the face, so the wheel can work up to a wall. Item IDs CA105TSW-CA180TSW are silver-welded.

Application: for smooth and fast grinding concrete with T shape segment

Process: silver welded

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	width (mm)	height(mm)	
CA105TSW	105	4"	20	8	5
CA115TSW	115	4.5"	22.23	8	5
CA125TSW	125	5"	22.23	8	5
CA150TSW	150	6"	22.23	8	5
CA180TSW	180	7"	22.23	8	5

Turbo Wave Diamond Grinding Cup Wheel

Diamond Grinding Cup Wheels — Wave turbo wheel for cooler concrete grinding

The wave face alternates bite and release, which stops the wheel loading up on soft or green slab. Item IDs CA105TWW-CA180TWW are silver-welded.

Application: for smooth and fast grinding concrete

Process: silver welded

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	width (mm)	height(mm)	
CA105TWW	105	4"	20	8	5
CA115TWW	115	4.5"	22.23	8	5
CA125TWW	125	5"	22.23	8	5
CA150TWW	150	6"	22.23	8	5
CA180TWW	180	7"	22.23	8	5

Wave Turbo Diamond Grinding Cup Wheel

Diamond Grinding Cup Wheels — Wave segments for long grinding passes

On long passes heat is the limiting factor rather than diamond, and the wave layout keeps air moving through the contact area. Item IDs CA105WTW-CA180WTW are hot-press sintered.

Application: for smooth and fast grinding concrete

Process: hot press sintered

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	width (mm)	height(mm)	
CA105WTW	105	4"	20	20	5

Item ID	Diameter	Bore size	Segment		
CA115WTW	115	4.5"	22.23	20	5
CA125WTW	125	5"	22.23	20	5
CA150WTW	150	6"	22.23	20	5
CA180WTW	180	7"	22.23	20	5

Tuck Point & Crack Chaser (4)

Tuck point and crack chaser blades for concrete and masonry joints

Laser Welded Crack Chaser

Tuck Point & Crack Chaser — Crack chaser for opening cracks before filling

A crack chaser follows an existing crack and opens it to a fillable profile rather than cutting a fresh straight joint. Item IDs CA105CC-CA230CC are laser-welded for the side load that involves.

Application: for fast cutting concrete, asphalt, hard brick, masonry with laser welded segments

Bond: laser welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	thickness (mm)	height (mm)	
CA105CC	105	4"	22.23	6.4/9.5	10
CA125CC	125	5"	22.23	6.4/9.5	10
CA150CC	150	6"	22.23	6.4/9.5	10
CA180CC	180	7"	22.23	6.4/9.5	10
CA200CC	200	8"	22.23	6.4/9.5	10
CA230CC	230	9"	22.23	6.4/9.5	10

Laser Welded Tuck Point

Tuck Point & Crack Chaser — Laser-welded tuck point for clean joint width

A tuck point blade has to hold its slot width from the first metre to the last, under side load the whole time. Item IDs CA105TP-CA230TP cover concrete asphalt hard brick and masonry.

Application: for fast cutting concrete, asphalt, hard brick, masonry with laser welded segments

Bond: laser welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	thickness (mm)	height (mm)	
CA105TP	105	4"	22.23	6.4	10
CA125TP	125	5"	22.23	6.4	10
CA150TP	150	6"	22.23	6.4	10
CA180TP	180	7"	22.23	6.4	10
CA200TP	200	8"	22.23	6.4	10
CA230TP	230	9"	22.23	6.4	10

U-Slot Laser Welded Tuck Point

Tuck Point & Crack Chaser — U-slot tuck point for dusty joint cutting

The U-slot keeps the segment clearing in dry dusty joints where a plain rim packs up and stops. Item IDs CA105UC-CA230UC cover the common grinder sizes.

Application: for fast cutting concrete, asphalt, hard brick, masonry with special u-slot

Bond: laser welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	thickness (mm)	height (mm)	
CA105UC	105	4"	22.23	6.4/9.5	10
CA125UC	125	5"	22.23	6.4/9.5	10
CA150UC	150	6"	22.23	6.4/9.5	10
CA180UC	180	7"	22.23	6.4/9.5	10
CA200UC	200	8"	22.23	6.4/9.5	10

Item ID	Diameter	Bore size	Segment		
CA230UC	230	9"	22.23	6.4/9.5	10

V-Shape Wave Crack Chaser

Tuck Point & Crack Chaser — V-shape wave profile for soft abrasive material

On asphalt and soft masonry the wave profile clears debris faster than a straight rim, which is what keeps the chaser cutting. Item IDs CA105WC-CA230WC cover concrete asphalt brick and masonry.

Application: for fast cutting concrete, asphalt, hard brick, masonry

Bond: sintered

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm	thickness (mm)	height (mm)	
CA105WC	105	4"	22.23	6.4/9.5	10
CA125WC	125	5"	22.23	6.4/9.5	10
CA150WC	150	6"	22.23	6.4/9.5	10
CA180WC	180	7"	22.23	6.4/9.5	10
CA200WC	200	8"	22.23	6.4/9.5	10
CA230WC	230	9"	22.23	6.4/9.5	10

Diamond Core Bits (2)

Wet and dry core bits for concrete and asphalt drilling

Diamond Core Bits for Dry Drilling

Diamond Core Bits — Dry core bits for concrete and asphalt

Where water is not allowed on site, the bit has to survive its own heat, and the welded joint is the part that decides. Item IDs CA040DCB-CA152DCB are silver or laser welded.

Application: for smooth, fast and dry drilling concrete and asphalt

Process: silver welded or laser welded

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Segment	Overall length				
mm	inch	length(mm)	width(mm)	height(mm)	no(pcs)	mm	
CA040DCB	40	1-5/8"	16	3.5	7	4	170
CA045DCB	45	1-3/4"	16	3.5	7	4	170
CA051DCB	51	2"	16	3.5	7	5	170
CA056DCB	56	2-1/4"	22	3.5	7	5	170
CA062DCB	62	2-1/2"	22	3.5	7	6	170
CA066DCB	66	2-5/8"	22	3.5	7	6	170
CA072DCB	72	2-3/4"	22	3.5	7	7	170
CA076DCB	76	3"	22	3.5	7	7	170
CA083DCB	83	3-1/4"	22	4	7	8	170
CA089DCB	89	3-1/2"	22	4	7	8	170
CA096DCB	96	3-4/5"	22	4	7	8	170
CA102DCB	102	4"	22	4	7	10	170
CA108DCB	108	4-1/4"	22	4	7	10	170
CA116DCB	116	4-5/8"	22	4	7	11	170
CA120DCB	122	4-3/4"	24	4	7	12	170
CA127DCB	127	5"	24	4	7	12	170
CA132DCB	132	5-1/4"	24	4	7	12	170
CA142DCB	142	5-5/8"	24	4	7	13	170
CA152DCB	152	6"	24	4	7	14	170

Diamond Core Bits for Wet Drilling

Diamond Core Bits — Wet core bits from 25 to 350 mm

Wet drilling runs cooler and faster, and the range here covers everything from a service hole to a main penetration. Item IDs CA025WCB-CA350WCB are silver or laser welded.

Application: for smooth, fast and wet drilling concrete and asphalt

Process: silver welded or laser welded

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Segment	Overall length				
mm	inch	length(mm)	width(mm)	height(mm)	no(pcs)	mm	
CA025WCB	25	1"	17	3.5	10	4	400
CA028WCB	28	1-1/8"	17	3.5	10	4	400
CA032WCB	32	1-1/4"	16	3.5	10	4	400
CA036WCB	36	1-3/8"	16	3.5	10	4	400
CA038WCB	38	1-1/2"	16	3.5	10	4	400
CA040WCB	40	1-5/8"	16	3.5	10	4	400
CA045WCB	45	1-3/4"	16	3.5	10	4	400
CA051WCB	51	2"	16	3.5	10	5	400
CA056WCB	56	2-1/5"	22	3.5	10	5	400
CA062WCB	62	2-1/2"	22	3.5	10	6	400
CA066WCB	66	2-3/5"	22	3.5	10	6	400
CA072WCB	72	2-3/4"	22	3.5	10	7	400
CA076WCB	76	3"	22	3.5	10	8	400
CA083WCB	83	3-1/4"	22	4	10	9	400
CA089WCB	89	3-1/2"	22	4	10	10	400
CA096WCB	96	3-4/5"	22	4	10	10	400
CA102WCB	102	4"	22	4	10	10	400
CA108WCB	108	4-1/4"	22	4	10	11	400
CA116WCB	116	4-3/5"	22	4	10	11	400
CA120WCB	120	4-3/4"	24	4	10	11	400
CA127WCB	127	5"	24	4	10	11	400
CA132WCB	132	5-1/4"	24	4	10	12	400
CA142WCB	142	5-5/8"	24	4	10	12	400
CA152WCB	152	6"	24	4	10	13	400
CA159WCB	159	6-1/4"	24	4	10	14	400
CA162WCB	162	6-3/8"	24	4	10	15	400
CA180WCB	180	7"	24	4	10	16	400
CA200WCB	200	8"	24	4	10	18	400
CA230WCB	230	9"	24	4.5	10	20	400
CA250WCB	250	10"	24	4.5	10	23	400
CA300WCB	300	12"	24	4.5	10	27	400
CA350WCB	350	14"	24	4.5	10	32	400

Diamond Grinding Heads (2)

Grinding heads and discs for floor grinding machines

Floor Grinding Disc

Diamond Grinding Heads — Grinding disc for floor machine plates

A disc covers more area per pass than individual heads, which is what shortens a large floor job. Item ID CA250FGD is silver-welded for continuous floor duty.

Application: for smooth and fast grinding concrete floor

Process: silver welded

Remark: other sizes and specifications are available upon request

Item ID	Diameter	Segment			
mm	inch	width(mm)	height(mm)	number	
CA250FGD	250	10"	10	10	20

Floor Grinding Head

Diamond Grinding Heads — Grinding head for floor machine holders

Machines built around individual holders need heads rather than discs, and the segment has to survive constant floor contact. Item ID CA40FGH is silver-welded.

Application: for smooth and fast grinding concrete floor
Process: silver welded
Remark: other sizes and specifications are available upon request

Item ID	Segment		
length(mm)	width(mm)	height(mm)	
CA40FGH	40	10	10

Diamond Blades for Concrete (2)

Laser-welded blades for green and cured reinforced concrete

Laser Welded Diamond Blade for Cured and Reinforced Concrete

Diamond Blades for Concrete — Laser-welded blade for cured slab with rebar

Cured reinforced concrete puts shock loads through the segment joint every time the blade meets steel, and the laser weld is what holds. Item IDs CA300CCD-CA600CCD cover road and floor saw work.

Application: for fast cutting cured and reinforced concrete with u-slot and low protection segments

Bond: laser welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
CA300CCD	300	12"	25.4/ 1"	3	10
CA350CCD	350	14"	25.4/ 1"	3.2	10
CA400CCD	400	16"	25.4/ 1"	3.6	10
CA450CCD	450	18"	25.4/ 1"	3.8	10
CA500CCD	500	20"	25.4/ 1"	4	10
CA600CCD	600	24"	25.4/ 1"	4.5	10

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
CA300CCU	300	12"	25.4/ 1"	3	10
CA350CCU	350	14"	25.4/ 1"	3.2	10
CA400CCU	400	16"	25.4/ 1"	3.6	10
CA450CCU	450	18"	25.4/ 1"	3.8	10
CA500CCU	500	20"	25.4/ 1"	4	10
CA600CCU	600	24"	25.4/ 1"	4.5	10

Laser Welded Diamond Blade for Green Concrete

Diamond Blades for Concrete — Protection segments for cutting uncured slab

Green concrete is abrasive enough to undercut a standard blade and take the segments with it, which is what the special protection segments prevent. Item IDs CA300GC-CA1000GC run a U-slot for swarf clearance.

Application: for fast cutting green concrete with u-slot and special protection segments

Bond: laser welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
CA300GC	300	12"	25.4/ 1"	3	10
CA350GC	350	14"	25.4/ 1"	3.2	10
CA400GC	400	16"	25.4/ 1"	3.6	10
CA450GC	450	18"	25.4/ 1"	3.8	10
CA500GC	500	20"	25.4/ 1"	4	10
CA600GC	600	24"	25.4/ 1"	4.5	10
CA650GC	650	28"	25.4/ 1"	4.5	10
CA700GC	700	30"	25.4/ 1"	4.5	10
CA750GC	750	32"	25.4/ 1"	4.5	10
CA800GC	800	36"	25.4/ 1"	4.5	10
CA900GC	900	38"	25.4/ 1"	4.5-6.0	10
CA1000GC	1000	40"	25.4/ 1"	5.5-6.5	10
CA1100GC	1100	44"	25.4/ 1"	5.5-6.5	10

Item ID	Diameter	Bore size	Segment		
CA1200GC	1200	48"	25.4/ 1"	5.5-7.0	10

Diamond Blades for Masonry (1)

Wide U-slot blades for masonry and hard brick

Diamond Blade for Masonry

Diamond Blades for Masonry — Wide U-slot blade for brick and block

Masonry dust packs a narrow slot until the blade stops cutting, so this series runs a deliberately wide U-slot. Item IDs CA300MU-CA400MU cover site and yard cutting.

Application: for fast cutting masonry, hard brick with wide u-slot

Bond: laser welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
CA300MU	300	12"	25.4/ 1"	3	10
CA350MU	350	14"	25.4/ 1"	3.2	10
CA400MU	400	16"	25.4/ 1"	3.6	10

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
CA300MM	300	12"	25.4/ 1"	3	10
CA350MM	350	14"	25.4/ 1"	3.2	10
CA400MM	400	16"	25.4/ 1"	3.6	10

Diamond Wire Saw (1)

Diamond wire for concrete and brick wall cutting

Diamond Wire Saw for Concrete

Diamond Wire Saw — Diamond wire for cuts a blade cannot reach

Where geometry rules out a blade entirely, wire will still make the cut with low noise and no vibration into the structure. Item IDs CA105WB-CA115WB cover concrete and brick wall work.

Application: for fast cutting concrete and brick wall

Bond: hot-press sintered

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	Beads number	Fixing type
CA115WB	11.5	40pcs /meter	rubber&spring;
CA110WB	11.0		
CA105WB	10.5		

Diamond Blades for Asphalt (1)

Key-slot blades for fast asphalt cutting

Laser Welded Diamond Blade for Asphalt

Diamond Blades for Asphalt — Key-slot blade for soft abrasive asphalt

Asphalt is soft and abrasive, a combination that wears out concrete blades in a shift. The key-slot segment layout clears the sticky swarf, across Item IDs CA300ASK-CA600ASK.

Application: for fast cutting asphalt with key-slot

Bond: laser welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
CA300ASK	300	12"	25.4/ 1"	3	10
CA350ASK	350	14"	25.4/ 1"	3.2	10
CA400ASK	400	16"	25.4/ 1"	3.6	10
CA450ASK	450	18"	25.4/ 1"	3.8	10
CA500ASK	500	20"	25.4/ 1"	4	10

Item ID	Diameter	Bore size	Segment		
CA600ASK	600	24"	25.4/ 1"	4.5	10

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
CA300ASU	300	12"	25.4/ 1"	3	10
CA350ASU	350	14"	25.4/ 1"	3.2	10
CA400ASU	400	16"	25.4/ 1"	3.6	10
CA450ASU	450	18"	25.4/ 1"	3.8	10
CA500ASU	500	20"	25.4/ 1"	4	10
CA600ASU	600	24"	25.4/ 1"	4.5	10

Ring Saw Diamond Blades (1)

Ring saw blades for deep cuts with a small machine

Ring Saw Blade

Ring Saw Diamond Blades — Ring shank for depth beyond a standard blade

A conventional blade cuts about a third of its diameter deep because the arbor gets in the way; a ring saw removes that limit. Item ID CA350RS covers fast deep cutting in concrete.

Application: for fast deep cutting concrete with ring shape shank

Bond: laser welded or silver welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Segment			
mm	inch	thickness (mm)	height (mm)	number (pc)	
CA350RS	350	14"	3.2	8	22

Wall Saw Diamond Blades (1)

Wall saw blades for concrete and brick wall openings

Wall Saw Blade

Wall Saw Diamond Blades — Wall saw blade for through-wall openings

A wall saw cut has to finish the opening in one pass, so the segment height and bond follow the saw power rather than a catalogue default. Item IDs CA500WS-CA900WS run U-slot segments.

Application: for fast cutting concrete and brick wall with u-slot segment

Bond: laser welded or silver welded

Remark: other sizes are available upon customer's request

Item ID	Diameter	Bore size	Segment		
mm	inch	mm/inch	thickness (mm)	height (mm)	
CA500WS	500	20"	25.4/ 1"	4.5	10
CA600WS	600	24"	25.4/ 1"	4.5	10
CA700WS	700	28"	25.4/ 1"	4.5	10
CA750WS	750	30"	25.4/ 1"	4.5	10
CA800WS	800	32"	25.4/ 1"	4.5	10
CA900WS	900	36"	25.4/ 1"	4.5	10
CA1200GC	1200	48"	25.4/ 1"	4.5	10
CA1600GC	1600	64"	25.4/ 1"	4.5	10

Glass Processing

7 categories · 15 products

Polishing Wheels (4)

10S BD BK and wool felt wheels for the glass polishing sequence

10S Polishing Wheels

Polishing Wheels — 10S wheels for fine grinding before polishing

The 10S wheel is the step between squaring and polishing, where the edge loses its grinding marks. Item IDs GA130S40-GA150S60 cover the standard glass machine sizes.

Application: Used for fine grinding and polishing glass after the procedure made by diamond squaring wheels

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Size(mm)	Model
GA130S40	D130 * H60 * T35	10S40
GA150S40	D150 * H70 * T40	10S40
GA150S60	D150 * H70 * T40	10S60
GA150S80	D150 * H70 * T40	10S80

BD Polishing Wheels

Polishing Wheels — BD wheels for fine glass polishing

BD wheels follow BK or the fine squaring wheels and take the edge to a fine polish. Item IDs GA100BD15-GA200BD25 cover 15 to 25 mm working thicknesses.

Application: used for fine polishing of glass after BK polishing wheels or diamond fine squaring wheels

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Size(mm)
GA100BD15	D100 * H22 /25.4/50* T15
GA100BD20	D100 * H22 /25.4/50* T20
GA100BD25	D100 * H22 /25.4/50* T25
GA100BD30	D100 * H22 /25.4/50* T30
GA150BD15	D150 * H22 /25.4/50* T15
GA150BD20	D150 * H22 /25.4/50* T20
GA150BD25	D150 * H22 /25.4/50* T25
GA150BD30	D150 * H22 /25.4/50* T30
GA200BD15	D200 * H22 /25.4/50/90* T15
GA200BD20	D200 * H22 /25.4/50/90* T20
GA200BD25	D200 * H22 /25.4/50/90* T25
GA200BD30	D200 * H22 /25.4/50/90* T30

BK Polishing Wheels

Polishing Wheels — BK wheels for first and second glass polishing

BK wheels do the first and second polish, turning a ground edge into a polished one. Item IDs GA150BK15-GA200BK25 cover the common thickness range.

Application: used for the first and the second polishing after fine grinding

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Size(mm)	Model
GA150BK15	D150 * H22 * T15	BK40 , BK60 , BK80 , BK120 , BK150 , BK180
GA150BK20	D150 * H22 * T20	
GA150BK25	D150 * H22 * T25	
GA150BK30	D150 * H22 * T30	
GA180BK20	D180 * H22 * T20	
GA180BK25	D180 * H22 * T25	
GA200BK25	D200 * H105 * T25	

Wool Felt Polishing Wheels

Polishing Wheels — Wool felt wheels for high gloss with cerium oxide

The last step is felt and cerium oxide together, which is what produces a gloss you can see a reflection in. Item IDs GA150WF-GA200WF pair with the FY powder grades.

Application: used together with cerium oxide polishing powder to get high gloss of the glass

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Size(mm)
GA150WF	D150 * H25 /25/70* T25 /30/35/40
GA180WF	D180 * H70 /105* T25 /30/35
GA185WF	D185 * H70 /115* T25 /30/35
GA200WF	D200 * H25 /25/70* T25 /30/35/40
GA300WF	D300 * H25 /25/70* T25 /30/35/40
GA380WF	D380 * H25 /25/70* T25 /30/35/40
GA450WF	D450 * H25 /25/70* T25 /30/35/40

Metal Bond Diamond Wheels (4)

Metal bond wheels for glass edging bevelling and shaping

Metal Bond Diamond Wheel for Bevelling Machine

Metal Bond Diamond Wheels — Bevelling wheels that clear grinding scraps

On a bevelling machine the wheel has to remove grinding scraps cleanly or they score the bevel face. Item IDs GA150BE and GA175BE are the metal bond stage of that sequence.

Application: Used on beveling machine to remove grinding-scrap

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	W(mm)	T(mm)	X(mm)	Segment	Grit size
GA150BE	150	5, 6, 8	35	8, 10, 12	Full segment Step Half segment Step Continuous rim Step Full segment Cup Half segment Cup Continuous rim Cup Full segment Bowl Half segment Bowl Continuous rim Bowl	80#, 100#, 120#, 150#, 180#, 240#, 320#
GA175BE	175					

Metal Bond Diamond Wheel for Double Edging Machine

Metal Bond Diamond Wheels — Double edger wheels for rough grinding and chamfering

A double edger works both edges at once, so the wheels have to be matched and hold their profile together. Item IDs GA150SE and GA175SE run 80, 100 and 120 grit for rough grinding.

Application: used for rough grinding, fine grinding and chamfering on glass double edging machine. 80#, 100#, 120# are for rough grinding, 150#, 180# are for fine grinding, 240#, 320# are for finishing process

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	W(mm)	T(mm)	X(mm)	Segment	Grit size
GA150SE	150	8, 10, 12, 15	35	8, 10, 12	Continuous rim segment Full segment Half segment	80#, 100#, 120#, 150#, 180#, 240#, 320#
GA175SE	175					

Metal Bond Diamond Wheel for Special Shape Edging Machine

Metal Bond Diamond Wheels — Shaped edging wheels for architectural and auto glass

Shaped edges on automotive, furniture, appliance and building glass each need their own wheel profile. Item IDs GA50SS-GA200SS cover the special shape edging range.

Application: used for make special shape edges for building materials glass, automotive glass, furniture glass, electrical information glass and optical glass

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	W(mm)	Segment	Grit size
GA50SS	50	3, 4, 5, 6, 7, 9, 11, 16, 20, 25	Trapezoid(PT) Round(PE) Duckbilled(OG)	80#, 100#, 120#, 150#, 180#, 210#, 240#, 320#
GA100SS	100			
GA150SS	150			

Item ID	Diameter(mm)	W(mm)	Segment	Grit size
GA175SS	175			
GA200SS	200			

Metal Bond Diamond Wheels for Straight-line Edging Machine

Metal Bond Diamond Wheels — Rough grinding wheels for straight-line edgers

Straight-line edging starts with rough grinding, where 80, 100 and 120 grit take the arris off before the finer steps. Item IDs GA130SE-GA175SE fit standard edging machines.

Application: used for rough grinding, fine grinding and chamfering on glass straight-line edging machines. 80#, 100#, 120# are for rough grinding, 150#, 180#, 240#, 320# are for fine grinding.

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	W(mm)	T(mm)	X(mm)	Segment	Grit size
GA130SE	130	8, 10, 12, 15	35	8, 10, 12	Continuous rim segment	80#, 100#, 120#, 150#, 180#, 240#, 320#
GA150SE	150	Full segment				
GA175SE	175	Half segment				

Diamond Blades for Glass (2)

Continuous rim and segmented blades for flat and laminated glass

Continuous Rim Diamond Balde for Glass

Diamond Blades for Glass — Closed rim for chip-free glass cutting

Glass shows every fault at the edge, which is why a closed rim is the default for flat glass cutting. Item IDs GA80CR-GA350CR cover shop and line machines.

Application: for smooth, fast and chip-free cutting glass

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon request

Item ID	Diameter(mm)	Segment	
Height(mm)	Thickness(mm)		
GA80CR	80	5/6/7/8	1.5
GA105CR	105	5/6/7/8	1.8
GA110CR	110	5/6/7/8	1.8
GA125CR	125	5/6/7/8	1.9
GA150CR	150	7/8	1.9
GA200CR	200	7/8	2.2
GA250CR	250	7/8	2.2
GA300CR	300	7/8	2.4
GA350CR	350	7/8	2.4

Segmented Diamond Blade for Glass

Diamond Blades for Glass — Segmented blade for laminated glass

Laminated glass has an interlayer that gums a closed rim, and the slots are what keep the blade cutting through it. Item IDs GA300SG and GA350SG cover flat and laminated work.

Application: used for smooth, fast and chip-free cutting flat glass and laminated glass

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	Segment	
Height(mm)	Thickness(mm)		
GA300SG	300	7, 8, 9	2.2, 2.4, 3.0
GA350SG	350		

Resin Bond Diamond Wheels (2)

Resin bond wheels for fine and finish grinding on glass

Resin Bond Diamond Wheel for Beveling Machine

Resin Bond Diamond Wheels — Resin bond finishing for bevelled glass edges

The finish stage on a bevel decides whether the polish comes up clear or hazy. Item ID GA150RB covers fine and finish grinding after the squaring wheels.

Application: used for fine and finish grinding work after diamond squaring wheels procedure on glass beveling machines

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	W(mm)	T(mm)	X(mm)	Segment	Grit size
GA150RB	150	20	38	10	Bowl type with flume Continuous rim bowl type Cup type with flume Continuous rim bowl type	180#, 240#, 320#, 400#, 600#

Resin Bond Diamond Wheel for Straight-line Edging Machine

Resin Bond Diamond Wheels — Fine and finish grinding on straight-line edgers

After metal bond rough grinding the edge still carries a scratch pattern that has to go before polishing. Item IDs GA150RE and GA175RE handle fine grinding, finish grinding and chamfering.

Application: Used for fine grinding, finish grinding and chamfering on ordinary glass followed the rough grinding made by diamond squaring wheels

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	W(mm)	T(mm)	X(mm)	Grit size
GA150RE	130	10	38	10	180#, 240#, 320#, 400#, 600#
GA175RE	150				

Cerium Oxide Polishing Powder (1)

Cerium oxide polishing powder for glass polishing lines

Cerium Oxide Polishing Powder

Cerium Oxide Polishing Powder — Thirteen FY grades for glass polishing lines

Polishing powder is bought on index values rather than on a promise, so the chemical and physical index of every FY grade is published. Item IDs FY-1660 through FY-H109 cover high-rate and high-gloss work.

Item ID	Chemical Index	Physical Index							
TREO	CeO ₂ /REO	F	PH	D50	D90	Poisson ratio	Suspension	Color	
FY-1660	≥96	70±5	4-7	7±1	1.0±0.1	≤2.82	1.0±0.1	≤3ml	White/Pink
FY-1667	≥94	70±5	4-7	7±1	1.0±0.1	≤3.2	1.0±0.1	≤4ml	White
FY-T106	≥96	≥80	4-7	7±1	1.2±0.1	≤3.2	0.8±0.1	≤3ml	White/Pink
FY-H109	≥96	75±2	4-7	7±1	2.0±0.2	≤5.2	≥1.3	≤3ml	White/Pink
FY-H108	≥90	60±5	4-7	7±1	2.0±0.2	≤8.0	0.7±0.1	≤10ml	Pink
FY-H107	≥96	≥80	4-7	7±1	1.3±0.1	≤4.0	1.0±0.1	≤3ml	White/Pink

Item ID	Application Range	Application Products
FY-1660	High precise polishing for soft and softer optical glass	LCD monitor & IC optical film
FY-1667	Polishing for precise optical lens and LCD monitor	Precise optical lens & LCD monitor
FY-T106	High-speed polishing for softer precise optical glass	Precise optical lens & Glass mould
FY-H108	Polishing for high-lead hard glass	Rhinestone & Crystallized glass
FY-H109	Pre-treatment for glass	Flat glass
FY-H107	Polishing for medium hard glass	Watch glass & Art glass

Drill Bits and Countersink (1)

Core bits and countersinks for chip-free glass drilling

Diamond Core Bits and Countersinks

Drill Bits and Countersink — Matched core bits and countersinks for glass

A hole in glass needs its arris removed or the fixing starts a crack, so the bit and the countersink are supplied to agree. Sizes are quoted against your hole schedule.

Application: used for fast and chip-free drilling work on glass

Bond: please inform your glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Item ID	Diameter(mm)	Width(mm)	Length(mm)
GADBC	5, 6, 8, 10, 12, 16, 20, 30, 40, 50, 60, 70, 80, 90, 100, 120	1, 2, 3	65, 75, 95, 105

CNC Diamond Tools for Glass (1)

Diamond routers for CNC glass machining

Diamond Routers for Glass

CNC Diamond Tools for Glass — Routers for CNC glass machining centres

A CNC glass centre is only as accurate as what is in the spindle, and bond choice follows your glass and feed rate. Shanks and sizes are made to your machine.

Application: Used for CNC processing machine on glass

Bond: please inform your the sizes and glass information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Vacuum Brazed Tools

6 categories · 6 products

Brazed Cutting Blade (1)

Vacuum brazed blades for dry cutting mixed material

Vacuum Brazed Diamond Blade

Brazed Cutting Blade — One blade for stone concrete and brick cut dry

Vacuum brazing exposes single diamond crystals on the surface, so the blade cuts fast and dry through whatever the renovation turns up. Dia 105-230 mm with mesh sizes 30/40, 40/45 and 70/80.

Application: used for fast and long-life cutting stone, concrete, brick, and other abrasive materials

Specification: Dia105-230mm , hole size: 20/22.23mm, mesh size:30/40 40/45 70/80

Bond: please inform the material you will cut, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Brazed Core Bit (1)

Vacuum brazed core bits for dry drilling in mixed material

Vacuum Brazed Diamond Core Bit

Brazed Core Bit — Dry core bits from 5 to 83 mm

Drilling through tile, then brick, then concrete normally means changing bits twice; a brazed bit goes through all three. Dia 5-83 mm with mesh sizes 30/40 and 40/45.

Application: used for fast and long-life drilling stone, concrete, brick, ceramic and other abrasive materials

Specification: Dia5-83mm , mesh size:30/40 40/45

Bond: please inform the material you will drill, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Brazed Router Bit (1)

Vacuum brazed router bits for edge and corner work in stone

Vacuum Brazed Diamond Router Bit

Brazed Router Bit — Brazed router bit for corners and cut-outs

Corner and cut-out work needs a bit that cuts sideways without grabbing the stone. Dia 65-100 mm on 30 and 50 mm bores, in 30#, 50# and 100# mesh.

Application: used for squaring on special edges and corners of natural stone and artificial stone

Specification: Dia65-100mm , hole size: 30/ 50mm , mesh size: 30#, 50#, 100#

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Brazed Wire Saw (1)

Vacuum brazed wire for fast low-noise stone cutting

Vacuum Brazed Diamond Wire Saw

Brazed Wire Saw — Brazed wire for low-noise stone cutting

Cutting stone inside an occupied building is a noise, dust and vibration problem before it is a cutting problem. Dia 8, 9 and 10 mm wire cuts fast at low noise.

Application: for fast cutting stone with fast speed, high efficiency, low noise, environment protection

Specification: Dia8mm , 9mm , 10mm

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Brazed Cup Wheel (1)

Vacuum brazed cup wheels for dry grinding stone and glass

Vacuum Brazed Diamond Cup Wheel

Brazed Cup Wheel — Dry grinding cup wheel for stone and glass

Brazed diamond grinds stone and glass dry without glazing over in the first minute. Dia 105-230 mm on 20 and 22.23 mm bores, in coarse, medium and fine mesh.

Application: used for fast and long-life grinding stone, glass

Specification: Dia105-230mm , hole size: 20/22.23mm, mesh size: coarse, medium and fine

Bond: please inform the material you will grind, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Brazed Profile Wheel (1)

Vacuum brazed profile wheels for stone edges and corners

Vacuum Brazed Diamond Profile Wheel

Brazed Profile Wheel — Brazed profile wheel for natural and artificial stone

Squaring an edge or corner on installed stone means working dry and in place. Dia 100, 140 and 180 mm on 30 and 50 mm bores, mesh 30/35, 40/45 and 50/60.

Application: used for squaring on special edges and corners of natural stone and artificial stone

Specification: Dia100mm , 140mm , 180mm , hole size: 30/ 50mm , mesh size: 30/35, 40/45, 50/60

Bond: please inform your stone information, we will choose the best bonding for you

Remark: other sizes are available upon customer's request

Precision Grinding

1 categories · 1 products

Diamond & CBN Grinding Wheels (1)

Diamond and CBN wheels for carbide ceramics and hardened steel

Diamond & CBN Grinding Wheels

Diamond & CBN Grinding Wheels — Diamond for carbide CBN for hardened steel

Diamond wheels cover tungsten carbide, ceramics and fibreglass; CBN wheels cover high speed steel and hardened steel. Wheel shape, bond and grit are specified per workpiece rather than sold from stock.

Application: Diamond grinding wheel for tungsten carbide, ceramics and fiberglass; CBN grinding wheel for high speed steel, high carbon steel and materials of 40Hrc and harder

Bond: resin bond and metal bond with Diamond or CBN

Remark: please attach your drawing when placing order or making samples

Powders and Rare Earth

CBN Powder (1)

CBN powder for tool making and ferrous grinding

CBN Powder

CBN Powder — CBN powder for ferrous grinding applications

CBN stays chemically stable against iron at grinding temperatures, which is why steel work uses it instead of diamond. Produced under high temperature and high pressure, mesh size to your specification.

Application: used to produce CBN tools or as grinding materials

Process: high temperature, high pressure

Remark: please tell us your application and mesh size, we will offer the best solution for you

Cerium Oxide (1)

Rare earth cerium oxide grades for glass and optical polishing

Cerium Oxide

Cerium Oxide — Rare earth cerium oxide exported worldwide

The same FY grade ladder supplied as a rare earth product for glass, mirror and optical polishing. Thirteen grades with chemical and physical index values, shipped in bulk to order.

Item ID	Chemical Index	Physical Index							
TREO	CeO ₂ /REO	F	PH	D50	D90	Poisson ratio	Suspension	Color	
FY-1660	≥96	70±5	4-7	7±1	1.0±0.1	≤2.82	1.0±0.1	≤3ml	White/Pink
FY-1667	≥94	70±5	4-7	7±1	1.0±0.1	≤3.2	1.0±0.1	≤4ml	White
FY-T106	≥96	≥80	4-7	7±1	1.2±0.1	≤3.2	0.8±0.1	≤3ml	White/Pink
FY-H109	≥96	75±2	4-7	7±1	2.0±0.2	≤5.2	≥1.3	≤3ml	White/Pink
FY-H108	≥90	60±5	4-7	7±1	2.0±0.2	≤8.0	0.7±0.1	≤10ml	Pink
FY-H107	≥96	≥80	4-7	7±1	1.3±0.1	≤4.0	1.0±0.1	≤3ml	White/Pink

Item ID	Application Range	Application Products
FY-1660	High precise polishing for soft and softer optical glass	LCD monitor & IC optical film
FY-1667	Polishing for precise optical lens and LCD monitor	Precise optical lens & LCD monitor
FY-T106	High-speed polishing for softer precise optical glass	Precise optical lens & Glass mould
FY-H108	Polishing for high-lead hard glass	Rhinestone & Crystallized glass
FY-H109	Pre-treatment for glass	Flat glass
FY-H107	Polishing for medium hard glass	Watch glass & Art glass

Diamond Powder (1)

Synthetic diamond powder for tool making and lapping

Diamond Powder

Diamond Powder — Synthetic diamond powder for tools and lapping

Produced under high temperature and high pressure, the powder is supplied either as raw material for diamond tool production or as loose grinding material. Mesh size is specified against your application.

Application: used to produce diamond tools or as grinding materials

Process: high temperature, high pressure

Remark: please tell us your application and mesh size, we will offer the best solution for you