

# DIAMOND PRODUCTS & CONSUMABLES

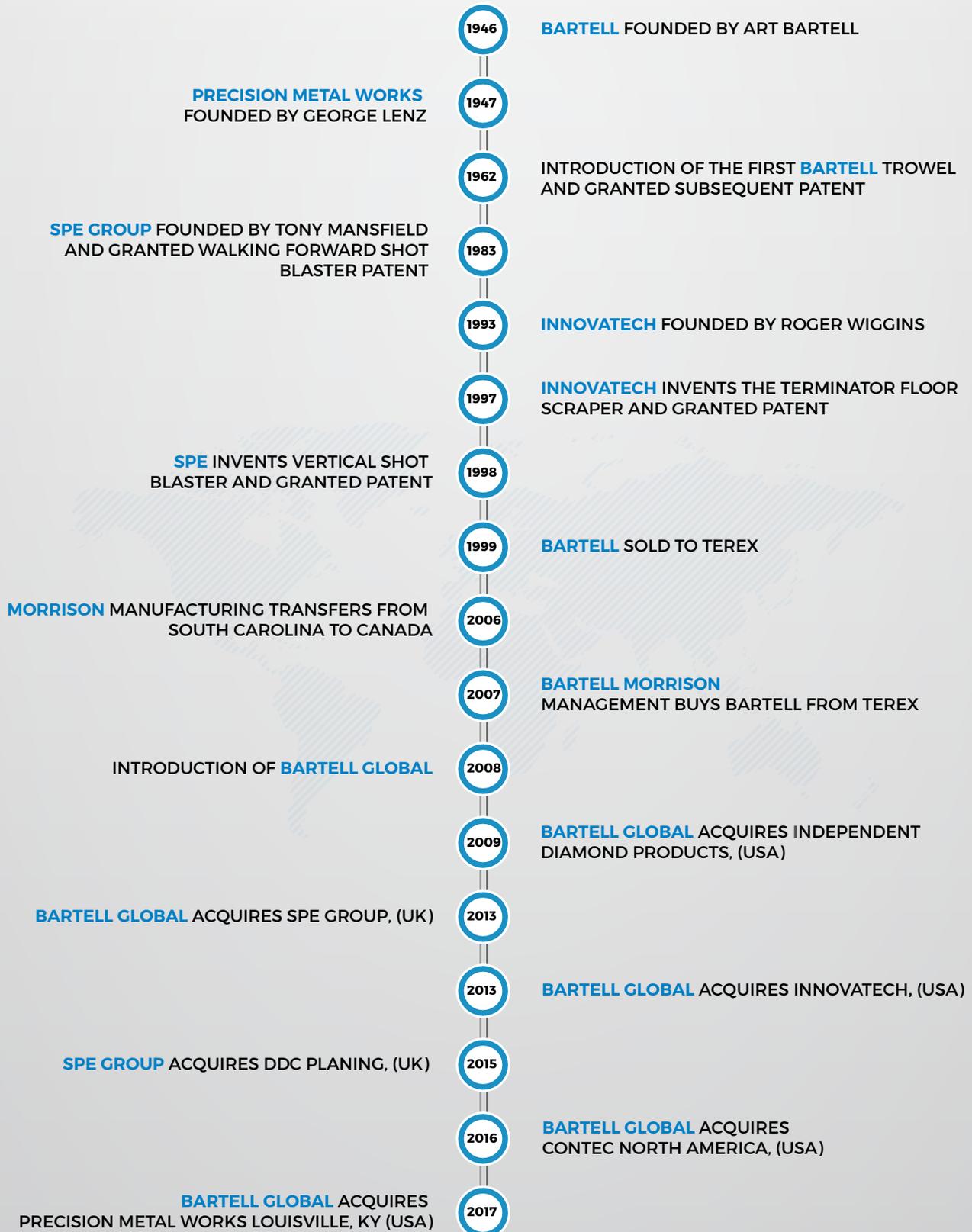


2020



[BARTELLGLOBAL.COM](http://BARTELLGLOBAL.COM)

# BARTELL GLOBAL HISTORY



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# BLADE QUALITY LEVELS

ST	ST-X	ST-XL	PRO	PRO-X	PRO-XL
★	★★	★★★	★★★★	★★★★★	★★★★★★

## APPLICATION CHART

	SERGEANT PRO-X	MAJOR PRO-X	CAPTAIN PRO	CAPTAIN ST-XL	COMMANDER ST-XL	GENERAL PRO	GENERAL ST-XL	GENERAL ST-X	SPECIALIST PRO	SPECIALIST ST-XL
DUCTILE IRON	●●●●	●●	/	/	/	/	/	/	/	/
STEEL / METAL	●●●●	●●	/	/	/	/	/	/	/	/
GRANITE	●	●●●	●	/	/	/	/	/	/	/
PORCELAIN	/	/	/	/	●●●●	/	/	/	/	/
CERAMIC TILE	/	/	/	/	●●●●	/	/	/	/	/
ENGINEERED BRICK	●●●●	●●●	●●●	●●●	/	●	●	●	/	/
HARD CONCRETE	●●●●	●●●	●●●	●	/	●	●	●	/	/
VITRIFIED CLAY	●●●●	●●●	●●●	/	/	/	/	/	/	/
PAVIOURS HARD	●●●●	●●●	●●●	●	/	●	●	●	/	/
REINFORCED CONCRETE.	●●●●	●●●	●●●	●	/	●●	●	●	/	/
CONCRETE LINTELS	●●●●	●●●	●●●	●	/	●●	●	●	/	/
CURED CONCRETE	●●●●	●●●	●●●	●	/	●●	●	●	/	/
CONCRETE SLABS	●●●	●●●	●●●	●●	/	●●	●	●	/	/
CONCRETE PIPE & KERB	●●●	●●●	●●●	●●	/	●●	●	●	/	/
MEDIUM BRICK	●●	●●●	●●●	●●	/	●●	●	●	/	/
HARD SANDSTONE	●	●●●	●	●●	/	●●	●	●	/	/
SLATE	●	●●●	●	●●	/	●●	●	●	/	/
MARBLE	●	/	/	/	/	/	/	/	/	/
LIMESTONE CONCRETE	●	●●●	●	●●	/	/	●●	●●	/	/
BLOCK PAVIOURS	●	●●●	/	●●	/	●●	●●	●●	/	/
MED SANDSTONE	●	●●	/	/	/	/	●	●	/	/
ASPHALT OVER CONCRETE	/	●●●	/	/	/	/	/	/	●●●●	●●
BREEZE BLOCK	/	●●●	/	/	/	/	/	/	●●●●	●●
GREEN CONCRETE	/	●●●	/	/	/	/	/	/	●●●●	●●
ASPHALT	/	●●●	/	/	/	/	/	/	●●●●	●●
<b>CHART LEGEND</b>										
●   GOOD   ●●   BETTER   ●●●   BEST   ●●●●   OPTIMAL										



**DIAMOND  
BLADES  
&  
CORE BITS**



# THE **CAPTAIN**

## CUT HARD MATERIALS **WITH EASE**

### KEY FEATURES

The Captain series is built strong to cut a wide variety of applications with ease while still maintaining a good life. The Captain cuts very hard concrete, Class A engineering bricks, 65-100 newton clay pavements, hard flint aggregates, reinforced concrete lintels, kerbs, hard concrete paving slabs, granite, hard slate and some clay products.

### MAIN APPLICATIONS



HARD  
CONCRETE



CLASS A  
ENGINEERED  
BRICK



## THE CAPTAIN ST-XL

10MM SEGMENT. DOUBLE LASER WELDED. WET OR DRY USAGE

THE CAPTAIN COMPLETE LINE   ST-XL ★★			
BLADE SIZE	QUALITY	PART NO.	LIST PRICE
115mm X 22.23mm	ST-XL	E45BSS35	£17
125mm X 22.23mm	ST-XL	E5BSS35	£19
230mm X 22.23mm	ST-XL	E9BSS35	£43
300mm X 20mm	ST-XL	E12BSM35	£92
350mm X 25.4mm	ST-XL	E14BSM35	£115



## THE CAPTAIN PRO

12MM SEGMENTS. DOUBLE LASER WELDED. WET OR DRY USAGE

THE CAPTAIN COMPLETE LINE   PRO ★★★★★			
BLADE SIZE	QUALITY	PART NO.	LIST PRICE
300mm X 20mm	PRO	E12BSM45	£143
350mm X 25.4mm	PRO	E14BSM45	£229
400mm X 25.4mm	PRO	E16BSM45	£258
450mm X 25.4mm	PRO	E18BSM45	£329

## 3 COMPONENTS OF A BARTELL BLADE

### HIGH-QUALITY STEEL CORE:

The heart of every blade is the Core. All cores are not the same. Core qualities can vary in design and grade of steel throughout the industry. Bartell uses only stainless steel cores manufactured to a level of Rockwell hardness to ensure both durability and flexibility to meet or exceed the required safety and performance levels.

A key factor in designing quality cores rests in the final material application of the blade which determines the overall design of the core. Materials that can cause excess heat on the blade determines its unique air hole pattern or if requires undercut protection. Bartell strives to provide only the safest product of the highest quality in every blade we create.

### HIGH-QUALITY DIAMOND SEGMENTS:

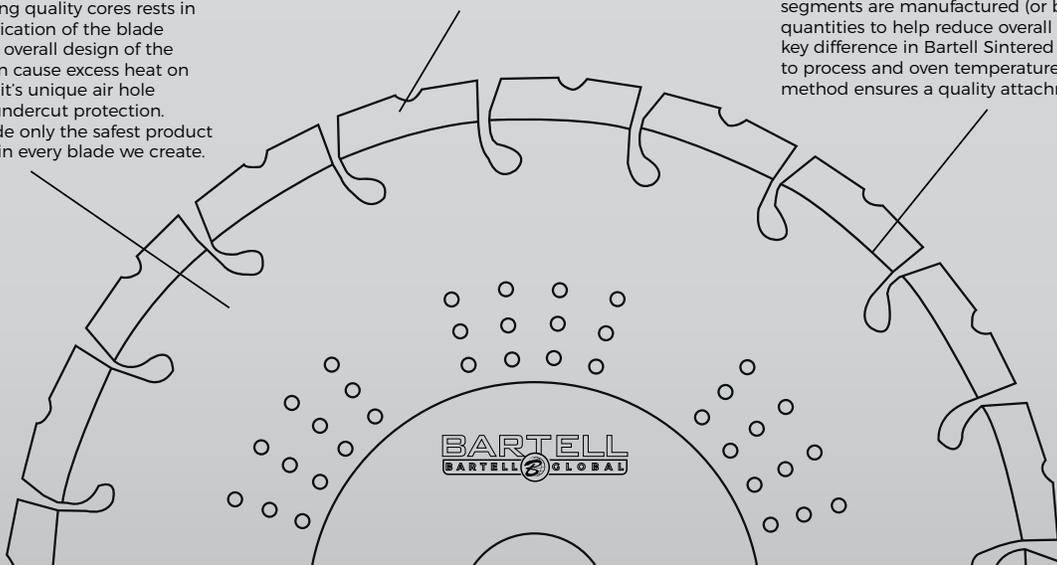
Bartell blades are designed using specific industrial diamond grit set in a matrix bond. Grit sizes in these segments vary depending on the material application and the bond composition holding them in place.

Each matrix bond is made up of varying metals designed specifically for the material application and cost. The unique grit and bond composition of each segment determines the blades life, performance and application range.

### SEGMENT ATTACHMENT:

Bartell blades feature two main methods of attaching segments to our blades: laser welding and sintering. Bartell blades use the highest technology standards and processes for high quality and consistency in every blade.

Laser welded blades are individually welded and are typically a higher priced blade related to their higher manufacturing costs and quality level. Sintered segments are manufactured (or baked) in larger quantities to help reduce overall costs in production. A key difference in Bartell Sintered blades is the attention to process and oven temperatures when applying - this method ensures a quality attachment on each blade.





# THE **COMMANDER**

## **PRECISE, CLEAN TILE CUTS** THAT GIVE YOUR PROJECTS THE PERFECT FINISH

The Commander series gives contractors precise cuts on many different types of tile products. With these blades, you will achieve the precise cuts needed for a professional finish. With a combination of fast cutting and long-life, The Commander series has the perfect blades for tile contractors. (10mm continuous rim segment | Sintered | Wet or dry usage)

### MAIN APPLICATIONS



CERAMIC  
TILE



PORCELAIN  
TILE



OTHER TILE  
MATERIALS

10MM CONTINUOUS RIM SEGMENT | SINTERED | WET OR DRY USAGE

### THE COMMANDER COMPLETE LINE | ST-XL ★★★

BLADE SIZE	QUALITY	PART NO.	LIST PRICE
105mm X 22.23mm	ST-XL	E4BCS38	£10
115mm X 22.23mm	ST-XL	E45BCS38	£11
125mm X 22.23mm	ST-XL	E5BCS38	£13
150mm X 22.23mm	ST-XL	E6BCS38	£16
180mm X 22.23-25.4mm	ST-XL	E7BCS38	£17
200mm X 22.23-25.4mm	ST-XL	E8BCS38	£18
230mm X 22.23-25.4mm	ST-XL	E9BCS38	£27



THE

# MAJOR

## THE PRO'S MULTI-MATERIAL BLADE

### HIGH PERFORMANCE MULTI-APPLICATION CUTTING

The Major Series cuts EVERYTHING from hard/medium abrasive asphalt, asphalt over concrete, multi-applications, engineering bricks, concrete kerbs, lintels and beams, reinforced concrete, 30-60 newton block pavements, york stone, concrete pipes, Indian stone, granite sets and other less abrasive materials. Ductile iron and steel up to 10mm thickness. (12mm segments | Double laser welded | Undercut Protected Segments | Wet or dry usage)

#### MAIN APPLICATIONS



SOFT - HARD  
CONCRETE



BLOCK



BRICK



ASPHALT

12MM SEGMENTS | DOUBLE LASER WELDED | UNDERCUT PROTECTED SEGMENTS | WET OR DRY

#### THE MAJOR COMPLETE LINE | PRO-X ★★★★★

BLADE SIZE	QUALITY	PART NO.	LIST PRICE
300mm X 20mm	PRO-X	E12BSM5C	£143
350mm X 25.4mm	PRO-X	E14BSM5C	£229
450mm X 25.4mm	PRO-X	E18BSM5C	£369



THE

# GENERAL

EASILY CUT A VARIETY OF MATERIALS  
**QUICK & EFFECTIVELY**

## KEY FEATURES

For medium hardness concrete, Class B engineering brick, concrete kerbs, concrete lintels and beams, block pavours, concrete pipes, general masonry products, all non abrasive materials.

## MAIN APPLICATIONS



MEDIUM  
CONCRETE



GENERAL  
MASONRY



## THE GENERAL ST-X

10MM SEGMENT, SINTERED. WET OR DRY USAGE

THE GENERAL COMPLETE LINE   ST-X ★★			
BLADE SIZE	QUALITY	PART NO.	LIST PRICE
115mm X 22.23mm	ST-X	E45BSS23	£7
125 X 22.23mm	ST-X	E5BSS23	£9
230mm X 22.23mm	ST-X	E9BSS23	£22
300mm X 20mm	ST-X	E12BSM23	£38
350mm X 25.4mm	ST-X	E14BSM23	£72



## THE GENERAL ST-XL

10MM SEGMENT. DOUBLE LASER WELDED. WET OR DRY USAGE

THE GENERAL COMPLETE LINE   ST-XL ★★★			
BLADE SIZE	QUALITY	PART NO.	LIST PRICE
115mm (4.5") X 22.23mm - 7/8"	ST-XL	E45BSS33	£17
125mm (5") X 22.23mm - 7/8"	ST-XL	E5BSS33	£19
230mm (9") X 22.23mm - 7/8"	ST-XL	E9BSS33	£43
300mm (12") X 20mm - 25/32"	ST-XL	E12BSM33	£92
350mm (14") X 25.4mm - 1"	ST-XL	E14BSM33	£115



## THE GENERAL PRO

12MM SEGMENT. DOUBLE LASER WELDED. WET OR DRY USAGE

THE GENERAL COMPLETE LINE   PRO ★★★★★			
BLADE SIZE	QUALITY	PART NO.	LIST PRICE
115mm X 22.23mm	PRO	E45BSS43	£35
125mm X 22.23mm	PRO	E5BSS43	£43
230mm X 22.23mm	PRO	E9BSS43	£83
300mm X 20mm	PRO	E12BSM43	£143
350mm X 25.4mm	PRO	E14BSM43	£229
400mm X 25.4mm	PRO	E16BSM43	£258
450mm X 25.4mm	PRO	E18BSM43	£329



# THE **CORPORAL**

## FAST MORTAR RAKING THAT INCREASES JOB PROFITABILITY

The Corporal Series is used for raking out joints between brick and blockwork. It has fast stock removal and a long life. The Corporal performance levels are designed to offer excellent value, as well as a great cost per cut ratio. (10mm segmented | Sintered | Wet or dry usage)

### MAIN APPLICATIONS



MORTAR  
RAKING



MEDIUM  
MATERIALS



HARD  
MATERIALS

10MM SEGMENTED | SINTERED | WET OR DRY USAGE

### THE CORPORAL COMPLETE LINE | ST-XL ★★★

BLADE SIZE	QUALITY	PART NO.	LIST PRICE
115mm X 6.4mm X 22.23mm	ST-XL	E45BTP32	£29
125mm X 6.4mm X 22.23mm	ST-XL	E5BTP32	£49



# THE **SERGEANT**

## HIGH-QUALITY CONTINUOUS RIM BLADE TO CUT A VARIETY OF MATERIALS WITH EASE

The Sergeant Series cuts ductile iron, medium material, vitrified clay, clay pipes, clay roofing tiles, and hard materials with ease. These blades offer contractors fast accurate cutting and long-life in many popular applications. (10mm continuous rim segment | Sintered | Wet or dry usage)

### MAIN APPLICATIONS



DUCTILE IRON



MEDIUM MATERIALS



HARD MATERIALS

10MM CONTINUOUS RIM SEGMENT | SINTERED | WET OR DRY USAGE

### THE SERGEANT COMPLETE LINE | PRO-X ★★★★★

BLADE SIZE	QUALITY	PART NO.	LIST PRICE
230mm X 22.23mm	PRO-X	E9BSS54	£72
300mm X 20mm	PRO-X	E12BSM54	£115



THE **SPECIALIST**

**ASPHALT & SOFT MATERIAL CUTTING**  
**LONG LASTING, QUICK & PRECISE**

The Specialist was designed for the user in mind. Its designed to offer excellent value for the money as well as it offers a good cost per cut ratio with Undercut Protected Segments. It cuts asphalt, breeze block, other abrasive materials.

**MAIN APPLICATIONS**

- 
ASPHALT
- 
ABRASIVE MATERIALS
- 
BREEZE BLOCK



## THE **SPECIALIST ST-XL**

10MM SEGMENTS. DOUBLE LASER WELDED. WET OR DRY USAGE. UNDERCUT PROTECTED SEGMENTS

### THE SPECIALIST COMPLETE LINE | ST-XL ★★★

BLADE SIZE	QUALITY	PART NO.	LIST PRICE
300mm X 20mm	ST-XL	E12BSM31	£92
350mm X 25.4mm	ST-XL	E14BSM31	£115



## THE **SPECIALIST PRO**

12MM SEGMENT. DOUBLE LASER WELDED. WET OR DRY USAGE. UNDERCUT PROTECTED SEGMENTS

### THE SPECIALIST COMPLETE LINE | PRO ★★★★★

BLADE SIZE	QUALITY	PART NO.	LIST PRICE
300mm X 20mm	PRO	E12BSM41	£143
350mm X 25.4mm	PRO	E14BSM41	£229
400mm X 25.4mm	PRO	E16BSM41	£258
450mm X 25.4mm	PRO	E18BSM41	£329

# KNOW WHAT TO LOOK FOR WHEN SELECTING THE RIGHT BLADE FOR YOUR JOB

Choosing the right blade for your project can seem like a big task. But it doesn't have to be. We've designed our complete line of blades specifically for all types of jobs. One key difference between blades is the use of Continuous Rim blades vs Segmented blades (see the illustration below). Choosing the right blade will ensure your job is done right, cost effectively and with the highest productivity available to you. What are the consequences of choosing the wrong blade? In most cases you will experience either very short life on your blade or you will experience non-performance (the blade will not cut). In extreme cases you may even experience segment loss.

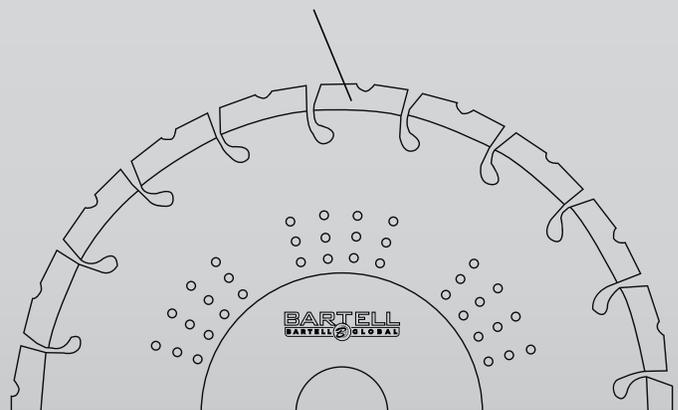
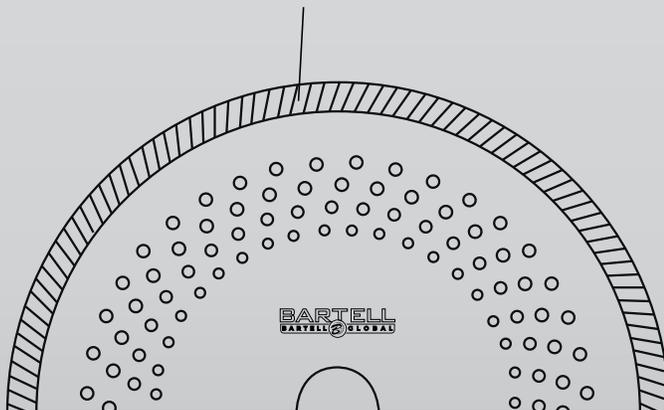
Please refer to the application chart provided at the front or back of this catalogue if you are not entirely sure of what blade product(s) are right for your needs.

#### CONTINUOUS RIM BLADES:

Normally associated when fast and precise cutting is required. Material example - ceramic tile, porcelain tile, granite tile and vitrified clay products that typically produce minimal chipping etc...

#### SEGMENTED BLADES:

Traditionally used in most cutting applications on hard concrete all the way through to the softest asphalt. Bond strength determines the material application. Consult the application guide for the best blade for your project.





# BARTELL DRY CORE BITS

## FAST CORE CUTTING TO INCREASE YOUR PROFITS

The Bartell line of Core Bits give contractors the ability to cut quick and precise holes, while maintaining excellent tool life. These Core Bits drill through medium materials, brick, breeze block, and other similar materials. They feature a 10mm V Segment that helps when starting cuts, making the overall process quicker and cleaner.

10MM V SEGMENT

### MAIN APPLICATIONS



MEDIUM  
MATERIALS



BRICK



BREEZE  
BLOCK

## DRY CORE BITS COMPLETE LINE | ST-XL ★★★

CORE SIZE	QUALITY	PART NO.	LIST PRICE
300mm X 22mm	ST-XL	E086CBD43	£66
150mm X 28mm	ST-XL	E1CBD43	£83
150mm X 32mm	ST-XL	E125CBD43	£89
300mm X 38mm	ST-XL	E15CBD43	£66
150mm X 52mm	ST-XL	E2CBD43	£83
150mm X 65mm	ST-XL	E25CBD43	£91
150mm X 68mm	ST-XL	E27CBD43	£100
150mm X 78mm	ST-XL	E3CBD43	£86
150mm X 102mm	ST-XL	E4CBD43	£97
150mm X 107mm	ST-XL	E42CBD43	£106
150mm X 117mm	ST-XL	E46CBD43	£114
150mm X 127mm	ST-XL	E5CBD43	£123
150mm X 152mm	ST-XL	E6CBD43	£131
150mm X 162mm	ST-XL	E64CBD43	£171
150mm X 182mm	ST-XL	E716CBD43	£203
150mm X 200mm	ST-XL	E79CBD43	£280
5PK CORE KIT 38,52,65,117,127	ST-XL	E5PKCBD	£214
3PK CORE KIT 38,52,117	ST-XL	E3PKCBD	£186

## CORE BIT ACCESSORIES

TYPE	SIZE	PART NO.	LIST PRICE
TAPER PILOT DRILL	10MM X 200MM	SEAC0001	£8.69
HEX ADAPTOR	1/2" X 88MM BSP	SEAC0002	£12.99
HEX ADAPTOR	1/2" X 240MM BSP	SEAC0005	£27.99
SDS ADAPTOR	1/2" X 115MM BSP	SEAC0003	£14.99
SDS ADAPTOR	1/2" X 240MM BSP	SEAC0006	£23.49
DRIFT KEY	N/A	SEAC0001	£4.29

### HIGH-QUALITY STEEL CORE:

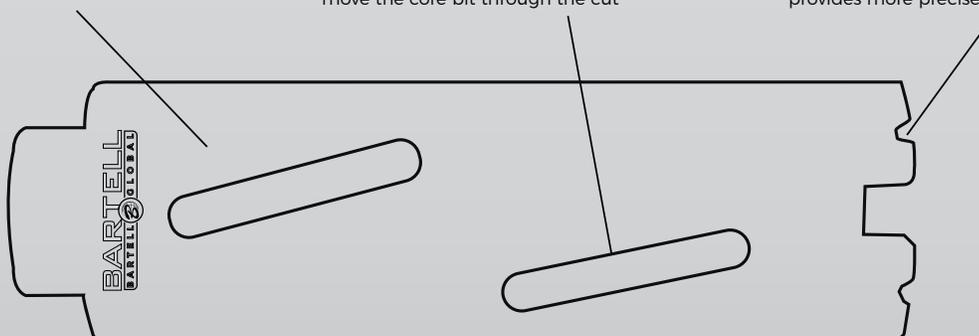
All Bartell Core Bits are designed and manufactured using high-quality steel that provides precise cutting.

### AIR HOLES:

Bartell Core Bits feature carefully designed air holes that help to keep the heat down and move the core bit through the cut.

### V-SEGMENTS:

To help start your cut quicker, all Bartell core bits are designed with a V-Segment. This provides more precise cutting.





# **BARTELL WET CORE BITS**

## **FAST CORE DRILLING FOR HARD MATERIALS**

The Bartell Professional Wet Core Bit line gives the strength and power that a contractor needs for cutting accurately through tough materials like hard concrete (Flint, River Gravel, Limestone aggregates) and Granite. The Wet Core Bits feature a range of sizes available to the contractor and made-to-measure options are available on request. Core Bits are available in 1/2" BSP male fittings or 1 1/4" female fittings. Wet Core Drill Accessory Fittings are also available for concrete and asphalt, contact us for more details.

### **MAIN APPLICATIONS**



**HARD  
MATERIALS**

# DIAMOND BLADE TROUBLESHOOTING

## EXCESSIVE WEAR/SHORT LIFE.

**Cause:** Using the wrong blade on highly abrasive material (Example: concrete blade used on asphalt, breeze block, green concrete etc)  
**Remedy:** Consult the dealer or manufacturer for the proper blade specification for abrasive material.

**Cause:** Lack of sufficient water / coolant to the blade. Trickle feed of water turns the material dust into abrasive paste, leading to excessive wear, often in the centre of the segment.  
**Remedy:** Increase water / coolant supply. Make certain water pump is functioning properly.

**Cause:** Wearing out-of-round accelerates wear. Usually can be caused by bad bearings, worn shaft or using a blade too hard for the materials being cut.  
**Remedy:** Check bearings and arbor. If worn, replace with new parts before installing another blade.

## UNEVEN SEGMENT WEAR.

**Cause:** Segments worn on one side reducing side clearance; usually caused by misalignment of the saw or a lack of sufficient water on both sides of the blade.  
**Remedy:** Check saw alignment. Clean water system; making certain that water is properly applied to the leading edge of the blade flanges. Check to see if pump is supplying sufficient even water.

**Cause:** Blade is worn out-of-round due to bad bearings, worn arbour or excessive dulling condition.  
**Remedy:** Replace bearings or worn arbour as required.

## SEGMENTS LOSS.

**Cause:** Blade is too hard for the material it is cutting, causing excessive dullness, which causes the segment to pound off or fatigue.  
**Remedy:** Use a softer blade specification.

**Cause:** Worn blade flanges fail to provide proper support causing the blade to deflect.  
**Remedy:** Replace both blade flanges.

**Cause:** Out-of-round blade rotation resulting in bouncing caused by worn arbour or bad bearings in the shaft.  
**Remedy:** Replace worn arbor and/or bearings.

**Cause:** Overheating. Usually easily detected by bluish colour on steel centre, generally confined to the area where the segment was lost.  
**Remedy:** Check the water system for blocked water passages. Test pump to see if it is functioning. For dry cutting it may be necessary to make shallower cuts and allow the blade to run free every few minutes to let the air cool it.

## UNDERCUTTING.

**Cause:** Undercutting is a condition in which the steel centre wears faster than the diamond segment, especially in the areas where the segment and core are joined. The condition is caused by highly abrasive material grinding against the blade during the sawing operation.  
**Remedy:** The flow of abrasive particles must be distributed over a wider area, away from the critical segment area. Many times this can be accomplished by using deeper draft segments or dropped segments and in some cases tungsten inserts between some segments. Some are more successful than others.

## CRACKED CORE. CRACKED SEGMENTS.

**Cause:** Blade is too hard for material being cut. Prolonged use will lead to blade bouncing off material thus resulting in segment cracks and in excessive cases core cracks.  
**Remedy:** Use correct blade with softer bond. (Example: concrete blade on concrete)

**Cause:** Excessive cutting pressure, jamming or twisting the blade in the cut can cause the blade core to bend or flex. When subjected to extreme stress and metal fatigue, the blade's steel core will eventually crack.  
**Remedy:** The saw operator should use steady, even infeed pressure, and be careful not to twist or jam the blade in the cut.

**Cause:** Overheating through inadequate water supply or improper use of dry-cutting blades.  
**Remedy:** Use adequate water to cool wet-cutting diamond blades (for example, 2 - 5 gallons per minute for concrete saws). Allow adequate airflow around dry-cutting diamond blades to prevent overheating.

## NEVER USE A BLADE WITH A CRACKED CORE!

## BLADE DOESN'T CUT.

**Cause:** Blade is too hard for materials being cut (examples: general purpose blade being used for extended period on hard concrete, or an asphalt blade being used to cut hard concrete).  
**Remedy:** Consult dealer or manufacturer for proper blade to cut materials on the job.

**Cause:** Insufficient power to allow blade to cut properly (i.e due to loose V-belts, low voltage, motor lacks horsepower).  
**Remedy:** Check belts, voltage, and horsepower.

**Cause:** Blade has become dull because of continuous use on fairly hard or vitrified material.  
**Remedy:** Dress with abrasive material until diamonds become exposed again (this may be necessary occasionally but if dullness occurs too often, the blade is probably too hard for the material).

## ECCENTRICITY. VIBRATION.

**Cause:** The bond is too hard for the material being cut. The hard bond retains the diamonds, and they begin to round off and the bond to glaze/close causing the blade to become dull. Instead of cutting, the blade begins to "pound/bounce", causing the blade to wear out-of-round.  
**Remedy:** Change to a softer bond, which will wear away more readily allowing the dull diamonds to be released and sharp, new cutting edges to become exposed.

**Cause:** The saw blade shaft may have a groove worn in it, caused by a blade spinning between the flanges.  
**Remedy:** Replace the worn shaft.

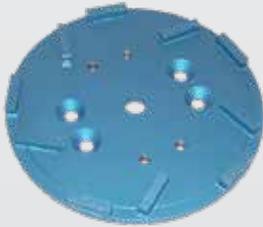
**Cause:** If the blade shaft bearings are worn, the shaft and mandrel will run eccentrically, causing the blade to wear out-of-round. This happens most often with concrete saws when insufficient water is provided.  
**Remedy:** Install new blade shaft bearings. Check the blade shaft for alignment.

# GRINDING DISCS



# GRINDING DISCS

## PREMIUM GRADE 10 SEGMENT



Premium grade 250mm 10 segment (blue)

Part #	6401
Price	£283.58

Economical removal of most types of adhesives and surface contaminants. Excellent for using on rougher surfaces as a first grind.

## PREMIUM GRADE 16 SEGMENT



Premium grade 250mm 16 segment (blue)

Part #	6403
Price	£354.46

Removal and grinding of most types of concrete floor in preparing for follow on coatings. General all-purpose head for most grinding works.

## SUPER AGGRESSIVE 10 SEGMENT



Super aggressive 250mm 10 segment (red)

Part #	6402
Price	£274.96

Segments manufactured with coarse grit. Designed for the removal of S/L and epoxy coatings in a commercially viable way. Can be used for the majority of aggressive grinding applications and will give extended wear on heads.

## PREMIUM GRADE 16 SEGMENT



Premium grade 250mm 16 segment soft bond

Part #	6403B
Price	£354.46

Same application as 6403 standard grade but segments will not glaze up on hard surfaces such as PF concrete with surface hardeners.

## PREMIUM GRADE 16 SEGMENT FINE



Premium grade 250mm 16 segment fine

Part #	6403C
Price	£378.00

For second stage grinding/finishing of cementitious, polyurethane and epoxy terrazzo, decorative concrete and terrazzo tiles. Removes grinding marks from first stage leaving a smooth flat finish.

## PREMIUM GRADE 16 SEGMENT



Premium grade 250mm 16 segment hard

Part #	6403A
Price	£391.44

Economical removal of most types of adhesives and surface contaminants. Excellent for using on rougher surfaces as a first grind.

## PREMIUM GRADE 16 SEGMENT

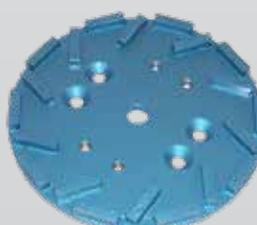


Premium grade 250mm 16 segment button

Part #	6405
Price	£463.96

For the removal of thicker adhesive on sand/cement screed whether open or closed. Will cope with large volume areas in a cost effective manner. To be used with softer elastomeric and thin film coatings.

## PREMIUM GRADE 20 SEGMENT

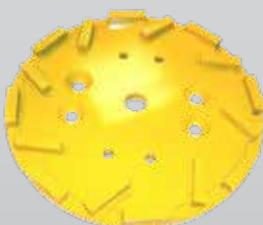


Premium grade 250mm 20 segment (blue)

Part #	6404
Price	£438.76

Fast removal and grinding of most types of plain and painted concrete floors. Will key floors for coatings, removal of high spots, lip edges, etc. Suitable for first and second stage grinding of terrazzo and aggregated seamless floors.

## STANDARD GRADE 16 SEGMENT



Standard grade 250mm 16 segment (yellow)

Part #	6403Y
Price	£220.86

Economical grinding of concrete in preparation for follow on coatings. Excellent cost per square metre.



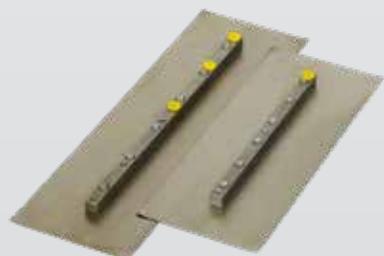
# TROWEL BLADES & PANS

# TROWEL BLADES & PANS



## COMBINATION BLADES

Available Sizes	Price	Part #	Applicable Machines
8" x 14"	£29.36	SB20661	B436 Walk-Behind Trowel, TS74 Ride-On Trowel, TS78 Ride-On Trowel
8" x 18"	£24.64	SB20663	B446 Walk-Behind Trowel, TS88 Ride-On Trowel, TS96 Ride-On Trowel



## FINISHING BLADES

Available Sizes	Price	Part #	Applicable Machines
6" x 14"	£20.66	SB2066020662	B436 Walk-Behind Trowel, TS74 Ride-On Trowel, TS78 Ride-On Trowel
6" x 18"	£26.55	SB20662	B446 Walk-Behind Trowel, TS88 Ride-On Trowel, TS96 Ride-On Trowel



## FLOAT PANS

Available Sizes	QUALITY 1	Price
	Part #	
24", 4 bladed, 24" edger models	SB11766	£33.60
37", 4 bladed, 36" & 88" models	SB11891	£59.88
45%", 4 bladed, 96" models	SB11692	£188.06

# SCARIFIER TOOLING

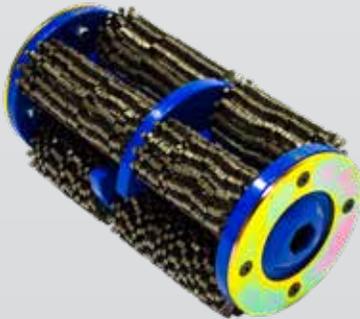


# SCARIFIER TOOLING



## BEF 200 CAGES & CUTTERS

Description	Part #	Price
Full assembly heavy duty cage	20001	£199.96
Set of 5-point TCT cutters and spacers	45501	£127.90
Individual 5-point TCT cutter	45500	£1.95
Full assembly heavy duty cage	20002	£239.32
Set of 12-point beam cutters and spacers	45121	£144.14
Full assembly heavy duty cage	20003	£693.50
Set of 5-point milling cutters and spacers	45601	£589.58
Individual 5-point milling cutter	45600	£28.19
5-point TCT cutter	44600	£1.95
Wire brush crimped	20020	£314.18
Wire brush twist knot	20021	£319.09



## BEF 275 CAGES & CUTTERS

Description	Part #	Price
Full assembly heavy duty cage	27501	£828.80
Set of 6-point TCT cutters and spacers	60601	£394.13
Individual 6-point TCT cutter	60600	£2.40
Full assembly heavy duty cage	27502	£801.81
Set of 14-point beam cutters and spacers	60121	£317.67
Full assembly heavy duty cage	27504	£1796.80
Set of 6-point milling cutters and spacers	60621	£1550.05
Individual 6-point milling cutter	60620	£39.52
Heavy duty drum with flail shafts	27500	£537.61



## BEF 320 CAGES & CUTTERS

Description	Part #	Price
Full assembly heavy duty cage	32001	£1480.97
Set of 8-point TCT cutters and spacers	80802	£417.75
Full assembly heavy duty cage	32002	£1495.11
Set of 12-point beam cutters and spacers	80122	£365.10
Full assembly heavy duty cage	32003	£1966.16
Set of 6-point milling cutters and spacers	80602N	£945.41
Individual 12-point TCT cutter	81200	£5.42
Heavy duty drum with flail shafts	32000	£1035.14

# ABOUT BARTELL GLOBAL

Bartell Global has over 60 years in the manufacturing of Concrete and Surface Preparation Equipment and the Diamond Tooling needed to get the job done fast, and done right. All of our products are designed with the contractor in mind - to help you do the work you need, quickly and profitably.

## **BARTELL GLOBAL**

Bartell Global is made up of six premium brands that have rich histories in the concrete finishing, site prep, surface prep, and metal forming industries. These brands are leaders in developing innovative and industry leading products.

These brands work together to create a unified manufacturing company that creates high-quality products for the construction, automotive, appliance and electrical industries. Our aim is to continually push the envelope when it comes to innovation and customer service.



# APPLICATION CHART

## BLADE QUALITY LEVELS

ST	ST-X	ST-XL	PRO	PRO-X	PRO-XL
★	★★	★★★	★★★★	★★★★★	★★★★★★

	SERGEANT PRO-X	MAJOR PRO-X	CAPTAIN PRO	CAPTAIN ST-XL	COMMANDER ST-XL	GENERAL PRO	GENERAL ST-XL	GENERAL ST-X	SPECIALIST PRO	SPECIALIST ST-XL
DUCTILE IRON	●●●●	●●	/	/	/	/	/	/	/	/
STEEL / METAL	●●●●	●●	/	/	/	/	/	/	/	/
GRANITE	●	●●●	●	/	/	/	/	/	/	/
PORCELAIN	/	/	/	/	●●●●	/	/	/	/	/
CERAMIC TILE	/	/	/	/	●●●●	/	/	/	/	/
ENGINEERED BRICK	●●●●	●●●	●●●	●●●	/	●	●	●	/	/
HARD CONCRETE	●●●●	●●●	●●●	●	/	●	●	●	/	/
VITRIFIED CLAY	●●●●	●●●	●●●	/	/	/	/	/	/	/
PAVIOURS HARD	●●●●	●●●	●●●	●	/	●	●	●	/	/
REINFORCED CONCRETE.	●●●●	●●●	●●●	●	/	●●	●	●	/	/
CONCRETE LINTELS	●●●●	●●●	●●●	●	/	●●	●	●	/	/
CURED CONCRETE	●●●●	●●●	●●●	●	/	●●	●	●	/	/
CONCRETE SLABS	●●●	●●●	●●●	●●	/	●●	●	●	/	/
CONCRETE PIPE & KERB	●●●	●●●	●●●	●●	/	●●	●	●	/	/
MEDIUM BRICK	●●	●●●	●●●	●●	/	●●	●	●	/	/
HARD SANDSTONE	●	●●●	●	●●	/	●●	●	●	/	/
SLATE	●	●●●	●	●●	/	●●	●	●	/	/
MARBLE	●	/	/	/	/	/	/	/	/	/
LIMESTONE CONCRETE	●	●●●	●	●●	/	/	●●	●●	/	/
BLOCK PAVIOURS	●	●●●	/	●●	/	●●	●●	●●	/	/
MED SANDSTONE	●	●●	/	/	/	/	●	●	/	/
ASPHALT OVER CONCRETE	/	●●●	/	/	/	/	/	/	●●●●	●●
BREEZE BLOCK	/	●●●	/	/	/	/	/	/	●●●●	●●
GREEN CONCRETE	/	●●●	/	/	/	/	/	/	●●●●	●●
ASPHALT	/	●●●	/	/	/	/	/	/	●●●●	●●

### CHART LEGEND

● | GOOD   ●● | BETTER   ●●● | BEST   ●●●● | OPTIMAL



**GRINDERS & POLISHERS**



**SHOTBLASTERS**



**FLOOR REMOVAL**



**SCARIFIERS**



**SCREED**



**TROWELS**

**BARTELL  GLOBAL**

**BARTELL**

**Innovatech**

**SPE**

**morrison**

**PRECISION** METAL WORKS

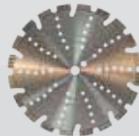
**CONTEC** NORTH AMERICA



**SAWS**



**TOOLING & CONSUMABLES**



**DIAMOND BLADES**



**SPREADERS**



**COMPACTION**



**GENERATORS**



**MIXERS**