



British Tradition, European Design, Swiss Precision



PROFESSIONAL

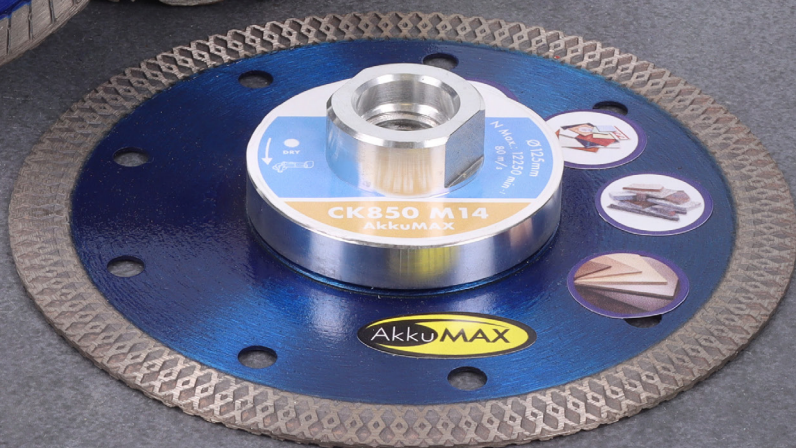
TILING SOLUTIONS.

INDOOR & OUTDOOR



Diamond Tools for Professionals





British Tradition European Design & Swiss Precision

Marcryst is a family run company with headquarters in Doncaster, England and subsidiary companies in Germany, Austria, Switzerland, Asia and operates on a global scale. Marcryst is committed to delivering high performance solutions to professionals worldwide.

- Innovation and technology leadership in diamond tools cutting, grinding and drilling.
- Tools that live up to our reputation.
- Better than the best of the rest.
- Totally satisfied or your money back!

Since our formation in **1979** we have single-mindedly followed one ambition:

We support our tools with services and guarantees that set the standard within the diamond industry.

Our aim is that once you have used Marcryst you will always use Marcryst because you have experienced the difference.



Mario Halbeisen
Founder

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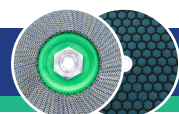
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Product Info

Helping You Decide On The Right Product

Choosing the right product is often difficult and confusing. Most packaging is pretty, but doesn't tell you everything you need to know.

Marcris aim to make it easy for you to pick the best product for your application.



- 01 Blade Diameter
- 02 30 Day Money Back Guarantee
- 03 Materials You Can Use The Product On
- 04 Material Colour Code
- 05 Machine Type
- 06 Wet Or Dry Product Application
- 07 Product Family & Class
- 08 EN13236 Worldwide Safety Standards Inc.

Marcryst Technology - Legend

Technology Icon Guide For Quick Referencing

Each icon represents a specific feature, benefit, or technology found in our products; such as cutting speed, noise reduction, material compatibility and other technologies.

Look for these icons throughout the catalogue to understand exactly what a product delivers at a glance. Use this guide as your quick-reference tool to ensure you're always choosing the right product for your application, every time.

Marcryst Guarantees



We trust our products and their performance, we would like you to do the same.

That's why we offer the outstanding Marcryst Brand Guarantee.



Test Marcryst products for 30 days put them through the toughest tasks!

If you're not completely satisfied, return them within 30 days for a full refund. You can get your money back guaranteed!



Lifetime Guarantee against manufacturing fault.

Register your machine online within 30 days of purchase to enjoy your lifetime guarantee against manufacturing fault.

Technology Icons



EN 13236 - Safety Standards

Marcris diamond products comply with every known safety standard worldwide.



Self Cooling

Titanium coated diamonds provide a self-cooling and self-sharpening cutting edge.



Ultra Thin & Lightning Fast

Ultra thin diamond edge guarantees lightning fast cutting.



Patented Armoured Blade Core⁽³⁾

Reinforced centre delivers unmatched strength, durability, and precision for cutting the toughest materials with confidence.



Vacuum Brazed Technology

Embeds cutting particles for an ultra-sharp edge and up to 3x the life of electroplated diamond for superior performance.



Diamond Core Protection

Ensures smooth, low-resistance cutting with maximum efficiency and consistent performance across the toughest materials.



Semi-Silent

Patented noise suppression delivers semi-silent cutting lower noise levels without sacrificing performance.



Engineered Core

Precision-engineered core hardened, ground, balanced, and tensioned for maximum stability, accuracy, and cutting performance.



Lightning Fast

Engineered for lightning-fast performance, delivers exceptional cutting speed to maximise efficiency and reduce time on every job.



Dynamically Balanced

Dynamically balanced to 50g/mm for ultra-low vibration, boosts safety, extends machine life, and delivers smoother, more precise cuts.



Double Laser Plus

Double laser welding plus fusion bonding eliminates segment loss—built for total safety and full compliance with global standards.



Vacuum Ultra High Pressure Fusion

Segments formed under vacuum and extreme pressure maximising purity, safety, and performance in every cut.



EN 12413 - Safety Standards

Marcris abrasives products comply with every known safety standard worldwide.



Lifetime Performance Plus

Humidity resistant sealed packaging substantially increases lifetime performance.



M-Mesh Technology

Even particles ensuring optimum penetration & performance. Designed for speed & life.

Marcryst Technology - Legend

Marcryst Technology



SilentMAX

SilentMAX blades combine advanced noise reduction with high performance and core stability, engineered for smoother, quieter cutting.



AkkuMAX

Designed for cordless machines. Ultra-thin edge boosts battery life, increases speed, delivers more cuts, and reduces dust for cleaner cutting.



DustTEC

Products featuring the DustTEC trademark are engineered to reduce airborne dust during operation, improving safety, visibility, and cleanliness.

Equipment



SDS Plus Drills



Cordless Drills



Angle Grinders



Cordless Angle Grinders



Petrol Cut-Off Saws



Cordless Cut-Off Saws



Bridge Saws



Table Saws



Tile Saws

Working Conditions

Speed & Life Testing



Wet Application



Dry Application



Product Speed Rating



Product Life Rating

Marcryst - Performance Levels

Marcryst Appreciates We All Have Different Needs

To help you find the right tools for your application
Marcryst offers three performance levels.

Premium Professional

750-850 Range



**Marcryst's most innovative products.
Developed for professional and specialist use.**

Designed to deliver maximum cutting/drilling speed, precision and tool life even in the most challenging of applications. Offers outstanding cost-per-cut or hole-drilled ratio.

Professional

450-650 Range



**Designed for general-purpose, day-to-day use,
combining consistent performance with
dependable results.**

The professional range offers high cutting/drilling speeds, precision and tool life.

Standard

150-350 Range



**Developed for occasional use, the Standard
Range offers an excellent balance of performance
and value.**

Ideal for the odd cutting and drilling jobs.

Guaranteed Safety

Ensuring Your Safety with Every Marcryst Product

Your safety is extremely important to us - According to VDS (German Association of Abrasive Producers), 12,000 accidents occur every year in Germany alone, some fatal.

We continuously research, develop and introduce new technology and features to improve your safety when using our products.



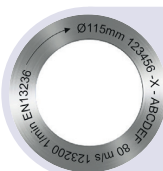
Marcryst was one of the **world's first** diamond companies to attain **ISO 9001**- accreditation for quality control, design and manufacture.

All Marcryst products comply to all known safety standards, in particular **EN13236**.



Segment Testing

Segments are individually sheer and load tested before leaving the factory.



Traceability

All blades include a serial number for traceability.



Safety Symbols

All blades have all relevant safety symbols marked on the reverse of every blade.



Operating Manual

Every blade is supplied with an operating & safety manual in multiple languages.





30 Day
marcrlist
Money Back
Guarantee!



marcrlist
N Max: 12.5
Ø 12.5
DRY
CK8

Tile Cutting Overview - Premium Professional Quality

Ultimate Performance No Compromise

These are the best blades on the market, built for professionals who demand outstanding performance.

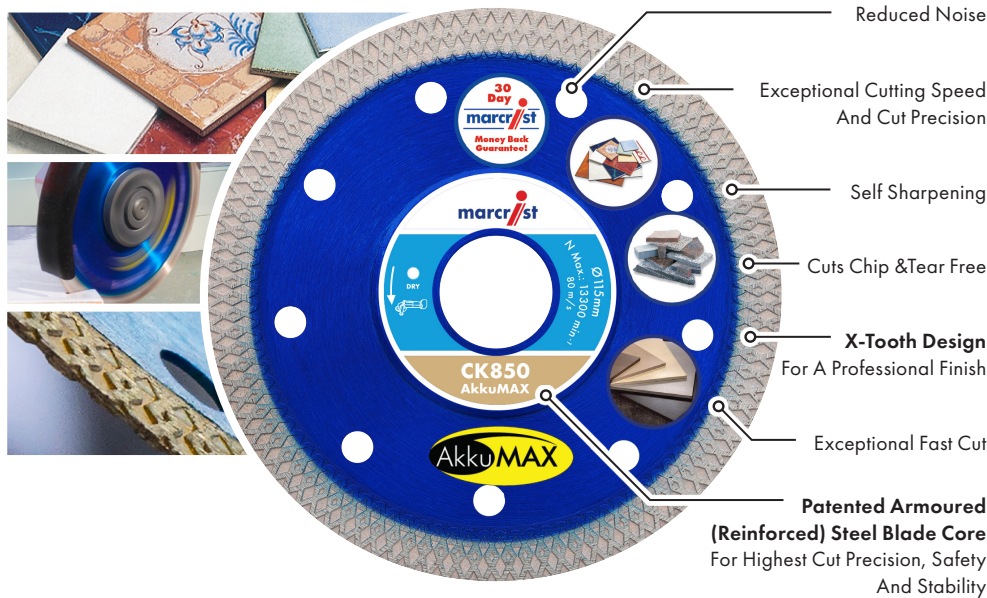
Manufactured with high-grade diamond and advanced segment design, they deliver clean, chip-free cuts on ceramics, porcelain, mosaics, and natural stone. Ideal for indoor tile applications including flush cutting, finishing, and grout removal, they offer the perfect blend of speed, precision, and durability for kitchens, bathrooms, and interior flooring.

ID	Product	Material	Method	Life Expectancy	Guarantee
CK850T		All Hard Tiles, Ceramics, Porcelain, Granite & Natural Stone, Gres	Straight Cuts & Mitring	1500 Linear Metres	
CK850 AkkuMAX		All Hard Tiles, Ceramics, Porcelain Granite & Natural Stone, Gres	Straight Cuts & Mitring Perfect for Cordless	760 Linear Metres	
CK850-M14 AkkuMAX		All Hard Tiles, Ceramics, Porcelain Granite & Natural Stone, Gres	Straight Cuts & Mitring Perfect for Cordless Spin on Flange	760 Linear Metres	
CK750S		All Hard Tiles, Ceramics, Porcelain Granite & Natural Stone, Gres	Straight Cuts & Mitring	510 Linear Metres	
TG750		Tile Grout	Removing Grout	N/A	
CGF750		All Tiles, Marble & Slate, Porcelain, Granite & Natural Stone	Built for Cutting, Grinding, Edge Work & Finishing	N/A	×

Ultimate Fast & Precise Diamond Cutting Blade
AkkuMAX Designed For Cordless



The **CK850 AkkuMAX** is an ultra-thin porcelain blade built for precision and speed. Its 1.2mm reinforced steel core, X-Tooth design and 10mm diamond rim deliver chip-free, low-dust dry cuts with reduced noise, fewer vibrations and extended battery life.





10MM SEGMENT

SPEED
A++

LIFE
A+

CK850 AkkuMAX Ultimate Fast & Precise

G020 

Why Buy Me:

- 50% faster cutting • Patented ultra-thin steel core • X-Tooth for chip-free cuts
- Exceptional speed • Ultra-thin edge • 10mm diamond rim for long life
- AkkuMAX • Less dust • Low vibration • SilentMAX

Technology:





Application:

All Tiles (<20mm)

Mosaic

Porcelain

Granite & Natural Stone



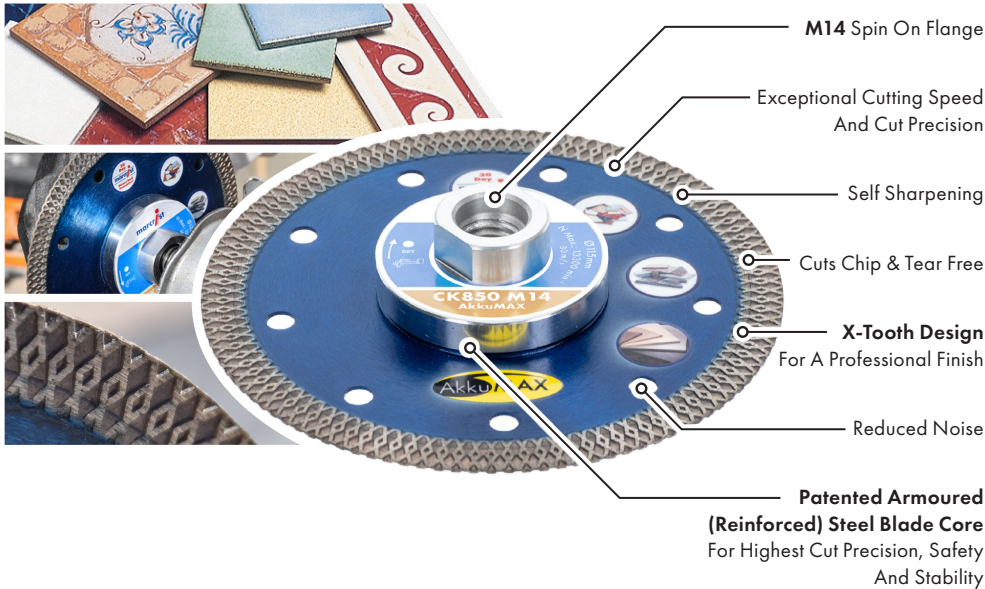
Part Number	Ø Diameter	Bore		
1853.0115.22	115 mm	22.2 mm	×	✓
1853.0125.22	125 mm	22.2 mm	×	✓

Ultimate Fast & Precise Diamond Cutting Blade

AkkuMAX Designed For Cordless



The **CK850-M14 AkkuMAX** revolutionises tile cutting with its easy-fit M14 Spin-On flange. It delivers chip-free, dust-minimised dry cuts with outstanding precision, reduced noise and significantly more cuts per battery charge.





10MM SEGMENT

30 Day marcrisf Money Back Guarantee!

SPEED
A++

LIFE
A+

CK850-M14 AkkuMAX Ultimate Fast & Precise

G020

Why Buy Me:

- M14 Spin on flange • 50% faster cutting • Patented ultra-thin steel core
- X-Tooth for chip-free cuts • Exceptional speed • Ultra-thin edge • SilentMAX
- 10mm diamond rim for long life • AkkuMAX • Less dust • Low vibration

Technology:





Application:

All Tiles (<20mm) Mosaic Porcelain Granite & Natural Stone

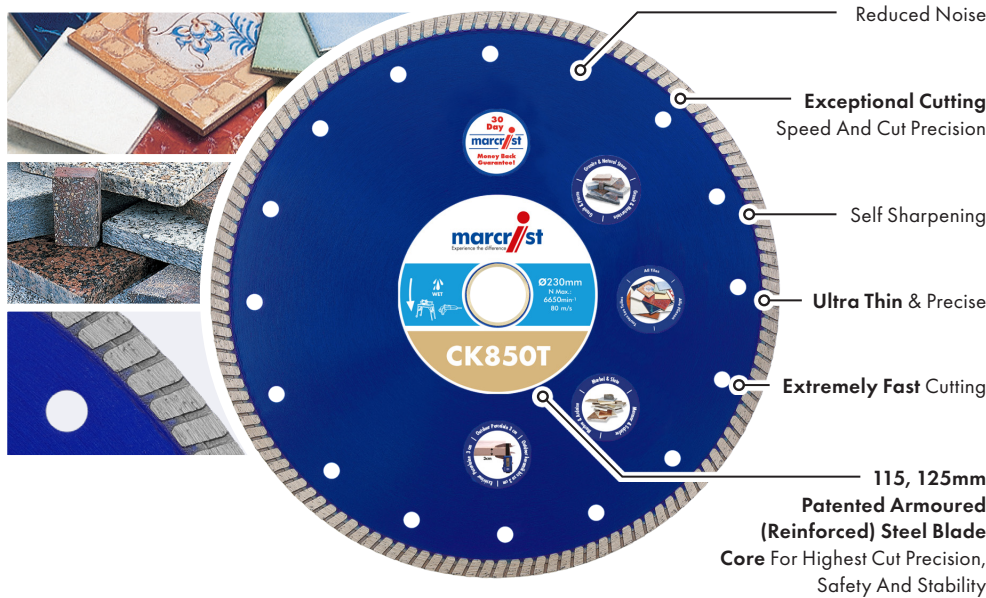


Part Number	Ø Diameter	Bore		
1853.0115.M14	115 mm	M14	×	✓
1853.0125.M14	125 mm	M14	×	✓

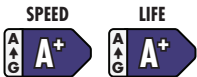
The Ultimate Long Life Diamond Tile Blade



The **CK850T** is the ultimate turbo tile blade for professionals. It cuts porcelain, ceramic and natural tiles, wet or dry, with unmatched speed and precision. Ultra-thin, self-sharpening. Delivers the lowest cost per cut and unrivalled performance.



8MM SEGMENT



CK850T Turbo Speed & Life

G020



Why Buy Me:

- 50% faster cutting • Patented ultra-thin steel core • X-Tooth for chip-free cuts
- Exceptional speed • Ultra-thin edge • 10mm diamond rim for long life
- AkkuMAX • Less dust • Low vibration • SilentMAX

Technology:



All Tiles (<30mm)	Mosaic	Porcelain	Granite & Natural Stone
Heat Resistant Tiles	Composites Plus Fibreglass		

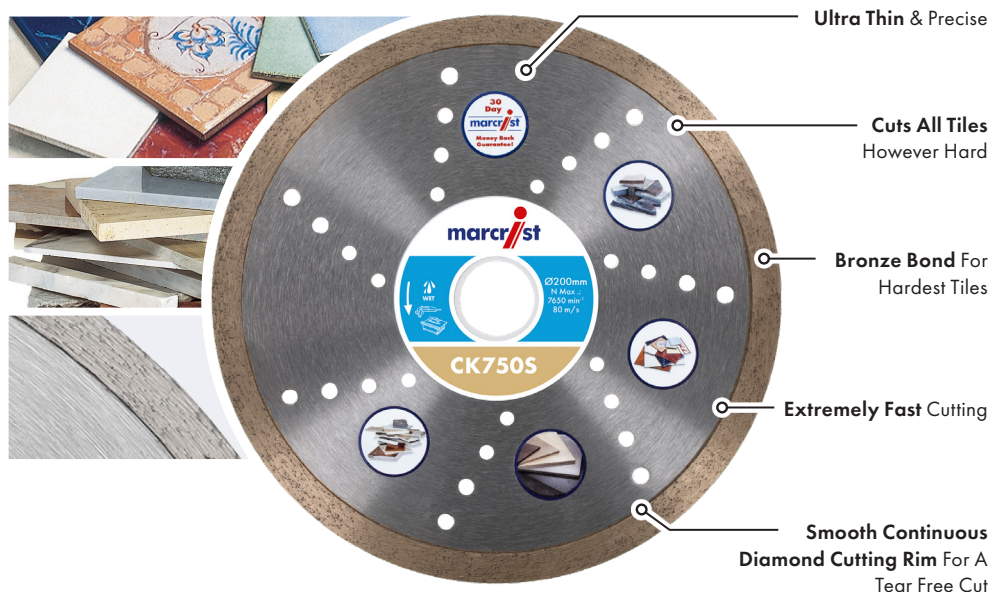


Part Number	Ø Diameter	Bore	Water	Dry
1830.0115.22	115 mm	22.2 mm (Not suitable 2-5cm Porcelain)	✓	✓
1830.0125.22	125 mm	22.2 mm (Not suitable 2-5cm Porcelain)	✓	✓
1830.1150.25	150 mm	22.2 / 25.4mm	✓	✗
1830.1180.25	180 mm	22.2 / 25.4mm	✓	✗
1830.1200.30	200 mm	25.4 / 30.0mm	✓	✗
1830.1230.25	230 mm	22.2 / 25.4mm	✓	✗
1830.1250.30	250 mm	25.4 / 30.0 mm	✓	✗
1830.1300.30	300 mm	25.4 / 30.0 mm	✓	✗
1830.1350.30	350 mm	25.4 / 30.0 mm	✓	✗
1830.1400.25	400 mm	25.4 mm	✓	✗

The Ultimate Smooth Diamond Tile Blade



The **CK750S** is a premium precision diamond blade with a smooth rim for chip-free, professional-grade cutting. Ideal for tiles, ceramics, glazed ceramics, mosaics, natural stone and marble. Delivers clean results and reliable performance every time.



**SMOOTH
DIAMOND RIM**

SPEED
A+ G

LIFE
A+ G

CK750S Extremely Fast & Precise

G020



Why Buy Me:

- Smooth rim for total precision
- Micro diamond grit for tear-free cutting
- Exceptional long-life blade
- Stays true – no run out or wander
- Premium-quality diamond blade for chip-free performance

Technology:



Application:

All Tiles Marble & Slate Porcelain Granite & Natural Stone Mosaic



Part Number	Ø Diameter	Bore		
1125.0115.22	115 mm	22.2 mm	✓	✓
1125.0125.22	125 mm	22.2 mm	✓	✓
1125.1150.25	150 mm	22.2 / 25.4mm	✓	✗
1125.1180.25	180 mm	22.2 / 25.4mm	✓	✗
1125.1200.30	200 mm	25.4 / 30.0mm	✓	✗
1125.1230.30	230 mm	25.4 / 30.0mm	✓	✗
1125.1250.30	250 mm	25.4 / 30.0mm	✓	✗
1125.1300.30	300 mm	25.4 / 30.0mm	✓	✗
1125.1350.30	350 mm	25.4 / 30.0mm	✓	✗

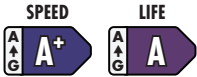
Diamond Tile Grout Remover



The **TG750** is a premium grout remover for tile repairs and refurbishments. Ultra-thin (1.1mm) with a built-in depth stop for precise, damage-free raking. Fast, long-lasting (400 linear metres), and dust-free with a Marcris dust guard. Fits all Ø115mm grinders.



10MM SEGMENT



TG750 Diamond Tile Grout Remover

G020



Why Buy Me:

- Exceptionally fast • Precise • Ultra thin • Removes tile grout between tiles
- Fits all 115mm • Will not damage tiles

Technology:



Application:

Tile Grout



Part Number	Ø Diameter	Bore
1983.0115.22	115 mm	22.2 mm



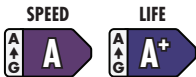
3in1 Diamond Cutting Blade



The **CGF750** is the ultimate all-in-one blade for tilers, built for cutting, grinding, edge work, bevelling and finishing with precision. Features a high-carat diamond coating, long life and an M14 aluminium spin on flange for direct fit to any angle grinder. Built to perform.



3IN1 BLADE



CGF750 3in1 Cutting, Grinding and Finishing



Why Buy Me:

- Cuts all tiles fast
- Precise clean cut
- Noise reduced for safety

Technology:



Application:

- All Tiles
- Marble & Slate
- Porcelain
- Granite & Natural Stone



Part Number	Ø Diameter	Bore		
2351.0115.M14	115 mm	M14		
2351.0125.M14	125 mm	M14		



Trade Quality, No Compromises Great Value

These products are built for trade professionals who need dependable performance at a price that makes sense. Designed with precision and durability in mind, they offer outstanding results without the premium cost.

Perfect for occasional use – delivers clean, reliable cuts without the professional price tag. Easy to use, durable, and great value.

Engineered for the job. Priced for the trade.

ID	Product	Material	Method	Life Expectancy
CK650T		All Hard Tiles, Ceramics, Porcelain, Granite & Natural Stone, Gres	Straight Cuts & Mitre Cuts	350 Linear Metres

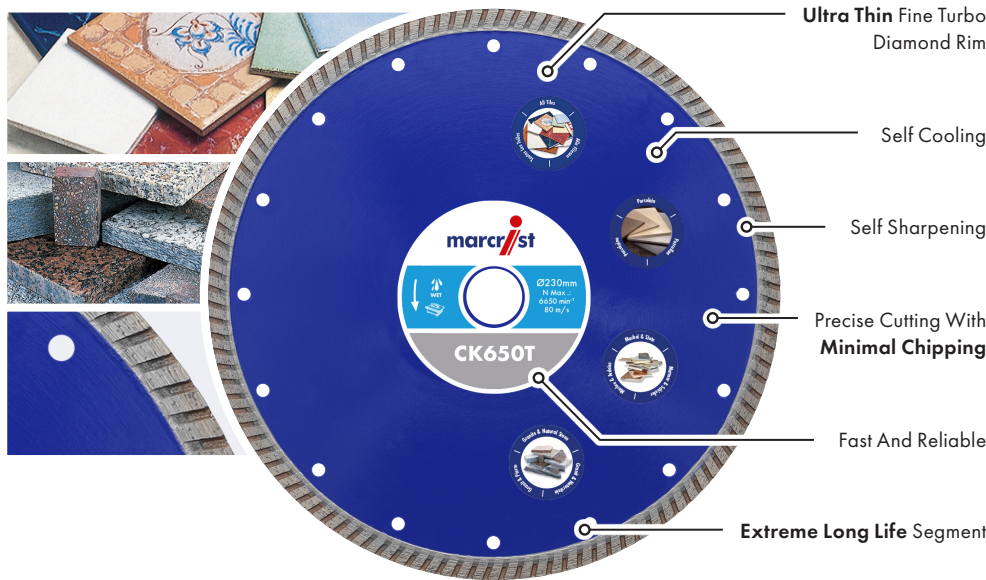
Built for trade users who demand performance and value, a smart choice for professionals who won't compromise on quality.

ID	Product	Material	Method	Life Expectancy
CK650X		All Hard Tiles, Ceramics, Porcelain Granite & Natural Stone, Gres	Straight Cuts Suitable For Cordless	350 Linear Metres
CK350S		For Ceramics	Straight Cuts & Mitre Cuts	180 Linear Metres

Fast and Long Life Diamond Tile Cutting Blade



The **CK650T** is a fast, long-life diamond blade designed for ceramic, porcelain and natural stone tiles. Its ultra-thin fine turbo rim delivers precise cuts with minimal chipping. Self-cooling, self-sharpening and suitable for both straight and mitre cuts. Reliable performance every time.



8MM SEGMENT



CK650T Ultra Thin Turbo Diamond Blade

G020



Why Buy Me:

- Thin fine turbo diamond cutting rim
- Precise, fine cut with reduced chipping
- Fast and totally reliable
- Suitable for straight and mitre cuts

Technology:



Application:

- All Tiles
- Marble & Slate
- Porcelain
- Granite & Natural Stone
- Composites Plus Fibreglass



Part Number	Ø Diameter	Bore		
1857.0115.22	115 mm	22.2 mm	✓	✓
1857.0125.22	125 mm	22.2 mm	✓	✓
1857.0150.25	150 mm	25.4mm	✓	✗
1857.0180.25	180 mm	25.4mm	✓	✗
1857.0200.30	200 mm	30.0mm	✓	✗

Cuts All Tiles, However Hard



The **CK650X** cuts through even the hardest tiles with ease. Its ultra-thin X-design rim delivers fast, precise, and clean cuts every time. A reinforced patented core ensures exceptional safety and control—all at extraordinary value for money.

Super Thin Precision Diamond Cutting Rim

Very Fast Cutting

Precise Cutting With Minimal Chipping

Extraordinary Value For Money

Patented And Reinforced Bladecore For Increased Cut Precision, Safety And Side Pressure Resistance

marcryst

Ø 115mm
N. Max. 13.500 rpm
50 50 50

CK650X

DRY WET

CK650X Fast Diamond Tile Cutting Blade

G020

Why Buy Me:

- Cuts all tiles fast
- Super thin X tooth diamond rim
- Precise clean cut
- Noise reduced for safety

Technology:

Application:

All Tiles Marble & Slate Porcelain Granite & Natural Stone Mosaic

SPEED **LIFE**

A **A**



Part Number	Ø Diameter	Bore		
1856.0115.22	115 mm	22.2 mm	×	✓
1856.0125.22	125 mm	22.2 mm	×	✓

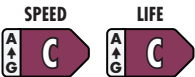
Fast Diamond Tile Cutting Blade



The **CK350S** is a smart choice for straightforward, problem-free tile cutting. Its precision rim and strong steel core deliver smooth, accurate cuts on all tiles. Fast, reliable and safe—with great performance and value at a competitive price.



**SMOOTH
DIAMOND RIM**



CK350S Diamond Tile Cutting Blade

G020  

Why Buy Me:

- Cuts all tiles fast • Smooth diamond rim • Precise clean cut

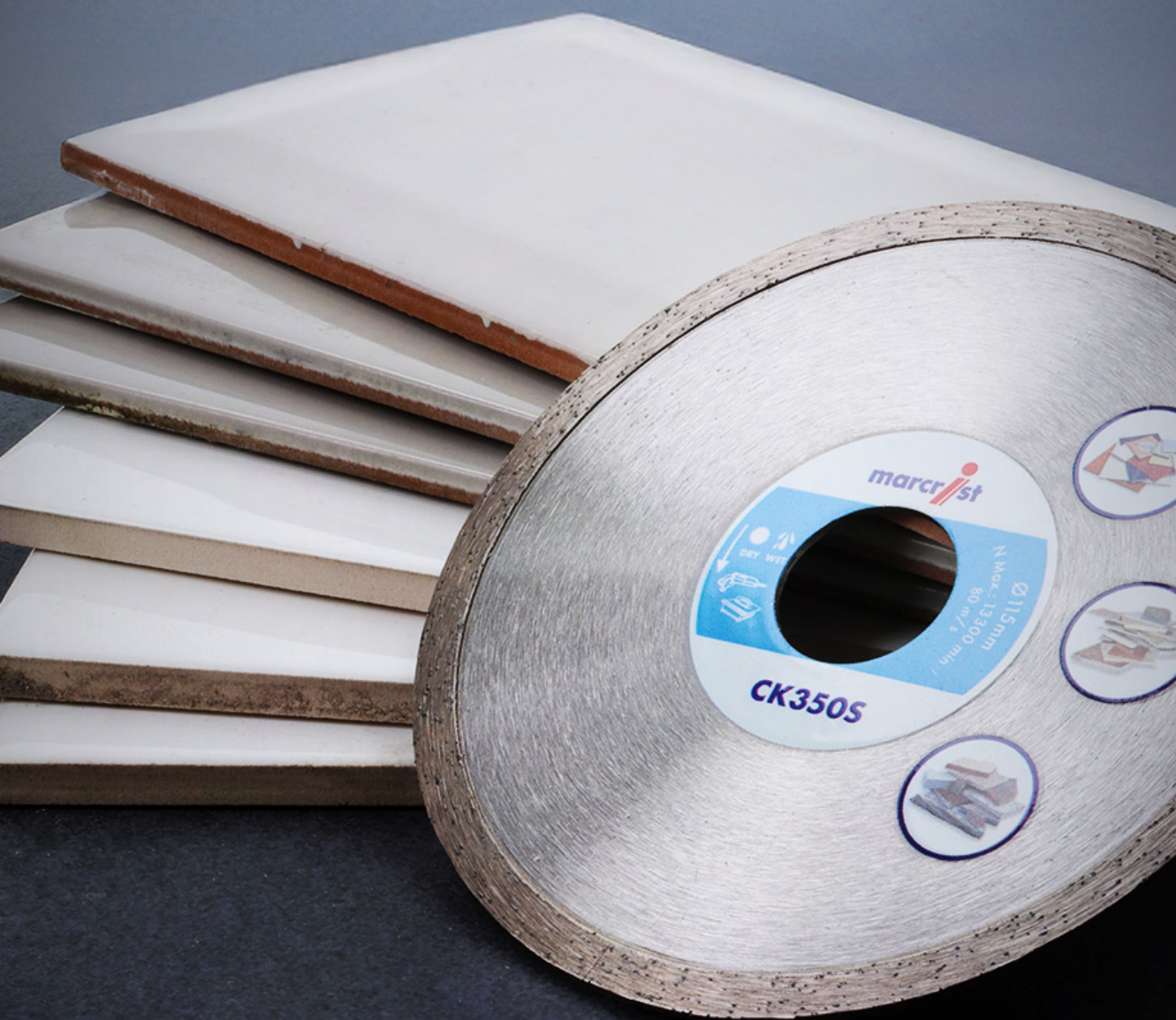
Technology:



Application:

All Tiles | Marble & Slate | Porcelain | Granite & Natural Stone

Part Number	Ø Diameter	Bore		
1832.0080.15	80 mm	15.00 mm	✓	✓
1832.0105.16	105 mm	16.00 mm	✓	✓
1832.0110.22	110 mm	22.23 mm	✓	✓
1832.1115.22	115 mm	22.2 mm	✓	✓
1832.1125.22	125 mm	22.2 mm	✓	✓
1832.1150.25	150 mm	22.23 / 25.40 mm	✓	✗
1832.1180.25	180 mm	22.23 / 25.40 mm	✓	✗
1832.1200.25	200 mm	25.40 mm	✓	✗
1832.1200.30	200 mm	30.00 mm	✓	✗
1832.1230.25	230 mm	22.23 / 25.40 mm	✓	✗
1832.0230.30	230 mm	25.40 / 30.00 mm	✓	✗
1832.0250.30	250 mm	25.40 / 30.00 mm	✓	✗
1832.0300.30	300 mm	25.40 / 30.00 mm	✓	✗





marcris

125 x 10 x 22,23
5" x 3/8" x 1/2"

INOX/METAL

N.M.S. 12200 80 m/s

Stainless Steel
Rostfreier Stahl
Inox
Acciaio Inox

WAGOTBE EN12413

**850
PROFESSIONAL**

ALTO MAX

5007 0123.22

**ULTRA
LIFE**

Specialist Blades for Precision-Critical Jobs

These are specialist blades, purpose-built for specific tasks where precision, reliability and performance aren't optional they're essential.

Each blade is engineered to do one job and do it exceptionally well, from the segment design to the core construction, every detail is crafted to meet the demands of professionals who need consistent, accurate results under pressure.

Slitting discs offering ultra-clean, low-resistance cuts with dramatically reduced fumes, smell, and cutting debris. Making it ideal for cleaner, safer working environments.

No compromises, no general-purpose shortcuts, just the right tool for the job, built to save time, reduce risk and deliver flawless finishes every time.

ID	Product	Material	Method
MC850 AkkuMAX		Multi-Material, Metal, Concrete & Stone, Wood, Plastics	Cut everything with minimal sparks
850 Professional		Built for all metals including stainless, steel alloys and high tensile steel	Cuts burr free



Diamond Multi-Cutter Blade



The **MC850 AkkuMAX** is an ultra-thin, ultra-precise Diamond Multi-Cutter Blade for fast, clean cuts across a wide range of materials. It offers high heat resistance, low sparks, and superior diamond performance for total control.



**VACUUM BRAZED
SEGMENT**



MC850 AkkuMAX Diamond Multi-Cutter

G020



Why Buy Me:

- Cuts everything • Fast and efficient • Reduced dust
- Engineered for cordless angle grinders • Ultra-thin cutting edge for precision

Technology:



Application:

Multi-Material Metal Concrete & Stone Wood Plastics



Part Number	Ø Diameter	Bore		
1852.0115.22	115 mm	22.2 mm	✗	✓
1852.0125.22	125 mm	22.2 mm	✗	✓



Multi-Material Slitting Disc



The **850 Professional** Slitting Disc delivers premium, ultra-thin performance with fast, precise cutting and exceptional finish. Built for all metals including stainless, steel alloys and high tensile steel, it maximises disc life, reduces cost per cut and ensures consistent results every time.



Flexi Technology
For Cutting Safety

Safe Technology
For Minimising Toxic Resin Fumes

Clean Technology
For Reduced Hazardous fParticles

Cool Technology
For A Market Leading Finish

Max Life Technology
For Up To 4X longer Disc Life

marcris

115 x 1,0 x 22,23
4 1/2" x 3/16" x 7/8"

INOX/METAL

N MAX: 13300 1/Min 80m/s

Stainless Steel
Rostfreier Stahl
Inox
Acciaio Inox

WA60TF EN1241

5007.0115.22

ULTRA LIFE

850 PROFESSIONAL

AkkoMAX

Flat Centre



INOX/METAL



850 Professional Slitting Disc

G040

Why Buy Me:

- Extreme life • Ultra fast • Precise • FE/S/≤ 0,1% • Burr free

Technology:



Application:

Brass

Stainless Steel

Steel

Inox

Metal

NE Metal Incl. Copper



Part Number	Ø Diameter	RPM	Pack Qty		
5007.0115.22-25	115 x 1 x 22.2mm	13300	25x	✗	✓
5007.0125.22-25	125 x 1 x 22.2mm	12200	25x	✗	✓
5007.0230.22-25	230 x 2 x 22.2mm	6600	25x	✗	✓
5007.0115.22-10	115 x 1 x 22.2mm	13300	10x Metal Tin	✗	✓
5007.0125.22-10	125 x 1 x 22.2mm	13300	10x Metal Tin	✗	✓

Tile Drilling - Overview

Doesn't Drill? Doesn't Exist!

With the Marcris Tile Drill, you get a range of technological, performance-driven features that make drilling through tiles effortless—giving you perfect results every time.

- No more scratched or chipped tiles
- Tear-free drilling
- Even drills glass and mosaic tiles
- Compatible with all cordless, standard and professional drills
- Marcris tile drills get you through the hardest tiles in the world!



Water Pipes



Accessories



Heating Systems



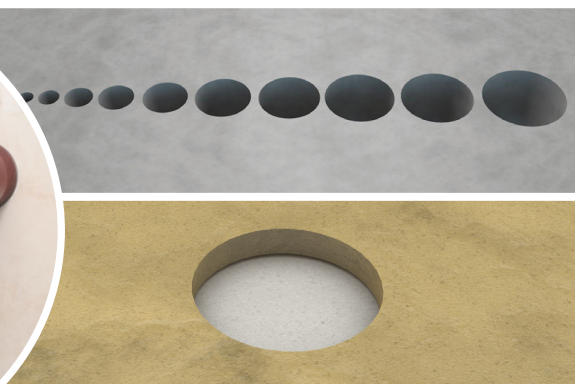
Waste Pipes



All Plumbing & Bathroom Pipes



Lighting Accessories



Perfect holes, even close to the tile edge and through the hardest tiles within seconds.

Drill All Tiles However Hard

Drilling into indoor tiles, especially hard grade 5 porcelain requires the right tools for the job. Our range of diamond tile drills is designed for clean, precise holes without cracks, chips or slipping.

From fixing holes to pipe cut-outs, these drills work dry or wet, with corded or cordless tools, and deliver professional results even on the hardest tiles.

Fast, accurate and easy to use—perfect for kitchens, bathrooms and every tile in between.

The Question is, how many holes and how quickly?

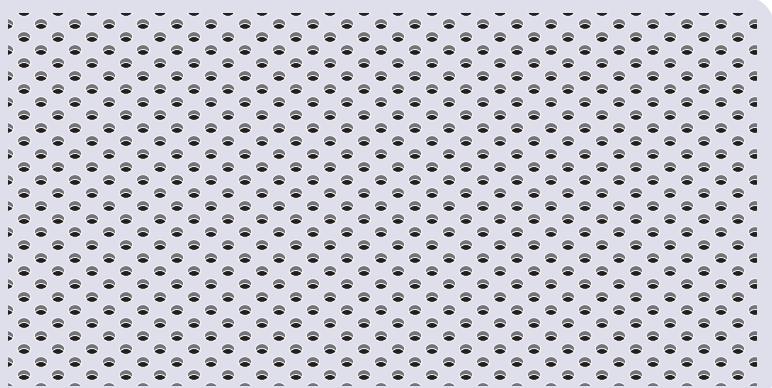


Which Drill Bit Performs The Best?

When it comes to drilling through hard, glazed porcelain, performance matters. That's why we've put our indoor tile drilling range to the test against Grade 5 Villeroy & Boch porcelain, using an 8mm bit on all models shown.

This comparison showcases the average number of holes achieved by some of our products, demonstrating the cutting-edge efficiency, durability, and value Marcrist drills deliver.

Whether you're a tiler, bathroom fitter, or general tradesperson, this overview helps you choose the right bit for the job—saving you time, money, and frustration on site.

TD850**PG350****PG750X****PG850X****PG850**

Tile Drilling - Products

	Product	Ø Diameter	Tool Type	Speed (RPM)	Avg. Holes		
	PG850	Ø6–130 mm	 	1500–3000	500–700	✓	✗
	* Requires the PG850 Water Swivel (Page 41)						
	PG350	Ø5–72 mm	 	≤ 500	30–40	✓	✗
	PG850X-M14	Ø6–82 mm	 	1500–3000	60–100	✗	✓
	PG750X-M14	Ø6–130 mm	 	5000–11500	50–70	✗	✓
	PG750X-HEX	Ø6–72 mm	 	1500–3000	30–70	✗	✓
	PG350X-M14	Ø6–44 mm	 	5000–11500	10–25	✗	✓
	PG350X-HEX	Ø6–14 mm	 	1500–3000	15–25	✗	✓
	CD850	Ø5–8 mm	 	750–1250	10–20	✗	✓
	TD850	Ø6–10 mm	 	≤ 500	15–35	✗	✓



Ø07
PG850X

Precision Starts With The Right Technique

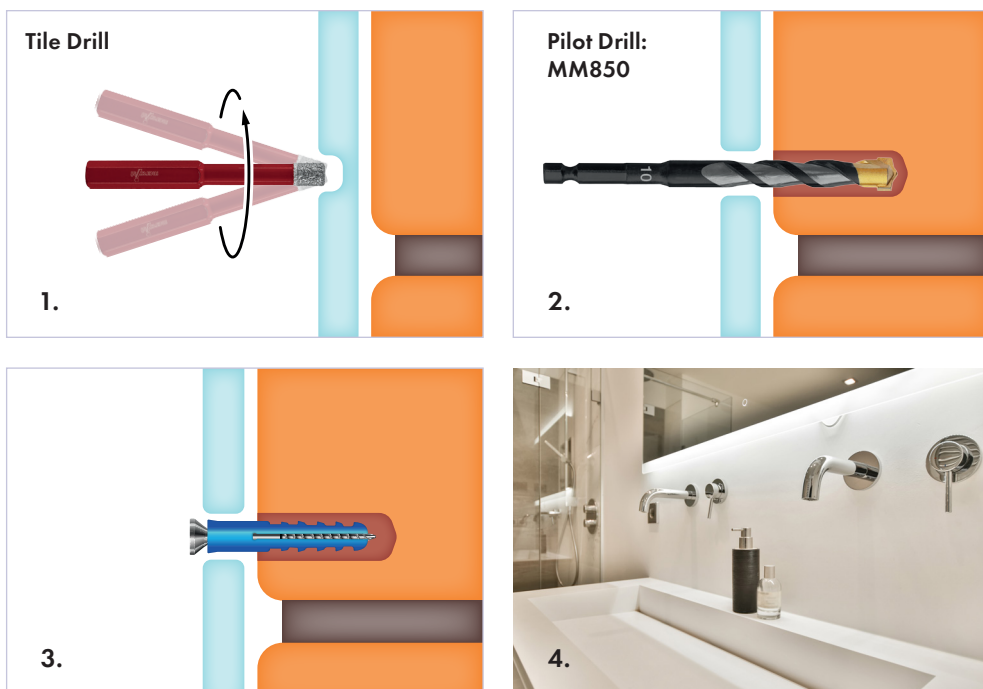
Avoid cracks, overheating and wasted tools,
drill the professional way.

The oscillating method is essential when drilling into hard tiles like porcelain. By gently rotating the drill side to side while maintaining pressure, you reduce heat build-up, improve dust removal, and protect the diamond tip. The result? Cleaner holes, longer tool life, and faster, safer drilling every time.



This icon indicates that oscillating the drill is strongly recommended when drilling holes between **10–14mm** but essential on **6–8mm**.

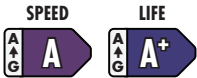
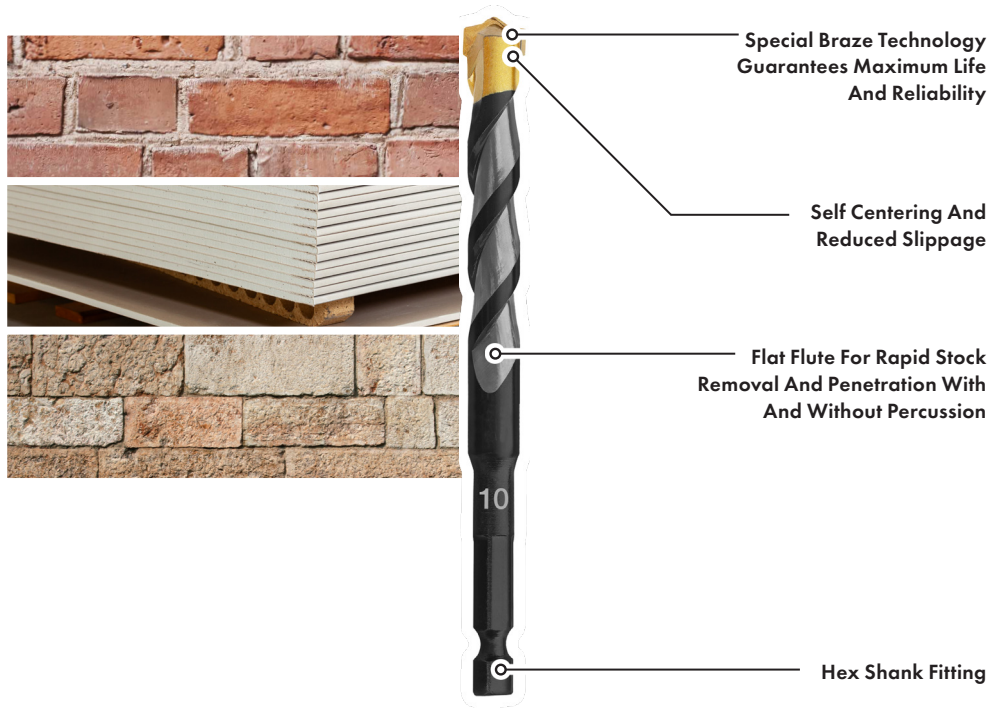
Tile  Brick  Mortar 



Multi-Material Drill



The **MM850 AkkuMAX** is a premium multi-material drill bit designed for cordless tools and professional use. It drills quickly, cleanly and efficiently in a wide range of materials. Features self-centering, a hex shank for zero slippage, and a flat flute for rapid stock removal.



MM850 AkkuMAX Multi-Material Drill

G019



Why Buy Me:

- Extremely fast • Extreme long life • Clean holes • Saves time & money
- Designed for cordless machines • Drills it all very low cost

Technology:



Application:

Brick	Natural Stone	Gypsum Board	Clay Roof Tiles	Wood	Poroton
Aluminium	PVC				

Part Number	Ø Diameter	Total Length	Water	Sun
496.001.005	5 mm	100 mm	✗	✓
496.001.006	6 mm	100 mm	✗	✓
496.001.007	7 mm	100 mm	✗	✓
496.001.008	8 mm	120 mm	✗	✓
496.001.010	10 mm	120 mm	✗	✓
496.001.012	12 mm	150 mm	✗	✓
496.001.014	14 mm	150 mm	✗	✓

MM850 AkkuMax Multi-Material Drill Set

496.601.001	5, 6, 6, 8, 10 mm	100, 120 mm	✗	✓
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Professional Tile And Porcelain Wet Drilling



The **PG850** is the ultimate precision diamond tile drill for professionals. Delivers tear-free holes in even the hardest tiles. Drills **500–700** holes with unmatched speed, extreme durability and universal drill compatibility. Maximum performance, minimum cost.



Drilling Methods:



Precision Diamond Drill Bit

Precision Drilling

Suitable Drilling Speeds:
1500 - 3000 RPM

1/2" x 20 UNF Connector





PG850 Ultimate Wet Tile Drill 1/2" x 20 UNF

G006 

Why Buy Me:

- Extreme speed • Extreme long Life • Lowest cost per hole
- Perfect for professional & everyday users

Technology:



Application:

All Tiles Mosaic Porcelain Granite & Natural Stone

* Requires the **PG850 Water Swivel** (Page 43)

500-700 HOLES IN GRADE 5 PORCELAIN

30 Day Money Back Guarantee

SPEED **LIFE**

A+ A+ **A+ A+**



Part Number	Ø Diameter		
490.001.006	6 mm	✓	✗
490.001.007	7 mm	✓	✗
490.001.008	8 mm	✓	✗
490.001.010	10 mm	✓	✗
490.001.015	15 mm	✓	✗
490.001.019	19 mm	✓	✗
490.001.022	22 mm	✓	✗
490.001.026	26 mm	✓	✗
490.001.032	32 mm	✓	✗
490.001.036	36 mm	✓	✗
490.001.044	44 mm	✓	✗
490.001.053	53 mm	✓	✗
490.001.058	58 mm	✓	✗
490.001.068	68 mm	✓	✗
490.001.070	70 mm	✓	✗
490.001.080	80 mm	✓	✗
490.001.082	82 mm	✓	✗
490.001.112	112 mm	✓	✗

Professional Tile Drilling Kits



PG850 Professional Starter Kit

G006



Contents Included:

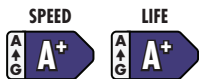
- PG850 Tile Drills (Ø6 mm)
- Water swivel with integrated connector
- Handheld water bottle for cooling
- Universal drill guide for accurate positioning
- 2m x 8mm water supply tubing
- Core extraction kit for easy slug removal
- Spanners for setup and maintenance

Technology:



Application:

All Tiles Mosaic Porcelain Granite & Natural Stone



Part Number	Description
490.001.004	PG850 Professional Starter Kit includes PG850 (Ø6 mm)



PG850 Professional Drilling Kit

G006



Contents Included:

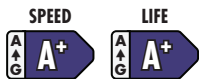
- PG850 Tile Drills (Ø15, Ø19, Ø26, Ø36, Ø44 mm)
- Water swivel with integrated connector
- Handheld water bottle for cooling
- Universal drill guide for accurate positioning
- 2m x 8mm water supply tubing
- Core extraction kit for easy slug removal
- Spanners for setup and maintenance

Technology:



Application:

All Tiles Mosaic Porcelain Granite & Natural Stone



Part Number	Description
490.001.002	PG850 Professional Starter Kit includes PG850 (Ø15, Ø19, Ø26, Ø36, Ø44 mm)



PG850 Tile Drill Accessories

Product	Description	Part Number
	PG850 Water Swivel Ball valve and tap connects to drill and allows flow of water to PG850	490.003.038
	1L Water Bottle Plastic water bottle designed to hold pressure and maintain water flow during drilling. Comes with 2m x 8mm plastic tubing	490.003.002
	3L Professional Water Bottle Robust 3L water bottle, increased capacity means less re-filling & pumping. Comes with 2m x 8mm plastic tubing and shoulder strap	490.003.031
	Water Tube 2 m Ø 8 mm kink-resistant coolant hose	490.003.006
	Professional Steel Drill Guide Robust steel construction for long life. Fits all sizes from Ø6mm - Ø112mm	490.003.030
	Universal Drill Guide Fits sizes from Ø6mm - Ø80mm	490.003.003
	Adaptor 1/2" BSP(M) - 1/2" x 20 UNF(M)	340.101.0116
	Adaptor M16(M) - 1/2" x 20 UNF(M)	340.101.0117
	Sharpening Stone Re-sharpens Tile drills	350.100.0006
	PG850 Core Extraction Kit For easy tile slug removal. Helps protect the delicate diamond crown and prolong the life of the drill.	490.003.033

Precise Drilling For Fixing Holes



The **CD850 AkkuMAX** is the ultimate dry porcelain drill for professionals. Delivers perfect, tear-free holes in even the hardest tiles—no coolant, no guide, no scratches. Asymmetric tip tech ensures fast, precise drilling with cordless or corded drills at **750–1250 RPM**.



Diamond Ground Long Life Tip

Self Centering Asymmetric Cutting Tip With Inbuilt Oscillation

Precision Shaft

Suitable Drilling Speeds: 750 - 1250 RPM

Non Slip Hex Fitting

Drilling Methods:





30 Day money back guarantee

10-20 HOLES IN GRADE 5 PORCELAIN

SPEED A **LIFE B**

CD850 Universal Tile Drill For Fixing Holes **G006**

Why Buy Me:

- The perfect tile drill for drilling fixing holes
- Self-centering
- Precision Shaft
- Won't slip or scratch tiles
- Drills all tiles however hard
- Non Slip Hex Fitting

Technology:

AkkuMAX

Application:

All Tiles	Mosaic	Marble & Slate	Granite & Natural Stone	Porcelain
Fibreglass	Plastics			

Part Number **Ø Diameter**

498.001.005	5 mm		
498.001.006	6 mm		
498.001.007	7 mm		
498.001.008	8 mm		



Diamond Cut Porcelain Dry Drill



The **TD850** Diamond Cut is the premium dry porcelain drill for experts. Designed for cordless drills, it delivers pinpoint accuracy with no guide, no coolant and no slipping. Effortlessly drills even the hardest tiles at max **500 RPM** with exceptional precision and ease.





- Won't Slip Or Scratch
- Self Centering
- Precision Shaft
- Suitable Drilling Speeds: 500 RPM
- Non Slip Round Shank Fitting

Drilling Methods:



TD850 Dry Tile Drill

G006

Why Buy Me:

- The perfect tile drill for drilling fixing holes
- Self-centering
- Won't slip or scratch

Technology:



Application:

- All Tiles
- Mosaic
- Marble & Slate
- Granite & Natural Stone
- Porcelain
- Fibreglass
- Plastics

15-35 HOLES IN
GRADE 5 PORCELAIN

SPEED

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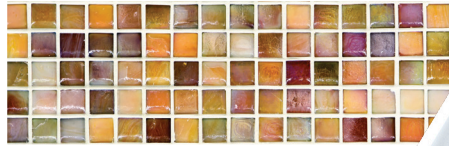


Part Number	Ø Diameter			
495.501.001	6 & 8mm	TD850 Pack of Two	×	✓
495.001.006	6 mm		×	✓
495.001.007	7 mm		×	✓
495.001.008	8 mm		×	✓
495.001.010	10 mm		×	✓
495.001.012	12 mm		×	✓

The New Standard In Dry Drilling



The **PG850X-M14** sets a new standard in dry tile drilling with advanced M-Mesh segment technology. Enjoy faster, longer life with improved debris removal, noise reduction and self-cooling performance. Features vacuum brazing with upgraded wax formula.





Drilling Methods:







PG850X-M14 Tile Drill For Angle Grinders

G006



60-100 HOLES IN GRADE 5 PORCELAIN

SPEED

A++

LIFE

B

Why Buy Me:

- New standard in drilling • M-mesh technology for faster and longer life
- Noise reduction • Enhanced debris removal • Upgraded wax formula

Technology:



Application:

All Tiles

Mosaic

Porcelain

Granite & Natural Stone

Part Number	Ø Diameter		
490.203.006	6 mm	✗	✓
490.203.007	7 mm	✗	✓
490.203.008	8 mm	✗	✓
490.203.010	10 mm	✗	✓
490.203.012	12 mm	✗	✓
490.203.014	14 mm	✗	✓
490.203.016	16 mm	✗	✓
490.203.018	18 mm	✗	✓
490.203.020	20 mm	✗	✓
490.203.026	26 mm	✗	✓
490.203.032	32 mm	✗	✓
490.203.036	36 mm	✗	✓
490.203.040	40 mm	✗	✓
490.203.044	44 mm	✗	✓
490.203.050	50 mm	✗	✓
490.203.058	58 mm	✗	✓
490.203.068	68 mm	✗	✓
490.203.072	72 mm	✗	✓
490.203.080	80 mm	✗	✓
490.203.082	82 mm	✗	✓



Tile & Porcelain Dry Drilling



The **PG750X-M14** is the ultimate dry tile drill for angle grinders. Engineered for fast, effortless drilling in even the hardest porcelain—no coolant needed. With extreme speed, long life and unmatched convenience, it saves more time than it costs to buy.



Vaccum Brazed Technology
Diamond Drill Bit

Precision Drilling

M14 Connector



Drilling Methods:





PG750X-M14 Tile Drill For Angle Grinders

G006 

- Why Buy Me:**
- Dry Drilling • Fast • Easy to use • Compatible with all angle grinders

Technology:



Application:

- All Tiles Mosaic Porcelain Granite & Natural Stone

50-70 HOLES IN
GRADE 5 PORCELAIN

SPEED

A+ 

LIFE

C 



Part Number	Ø Diameter		
490.202.005	5 mm	×	✓
490.202.006	6 mm	×	✓
490.202.007	7 mm	×	✓
490.202.008	8 mm	×	✓
490.202.010	10 mm	×	✓
490.202.012	12 mm	×	✓
490.202.014	14 mm	×	✓
490.202.018	18 mm	×	✓
490.202.020	20 mm	×	✓
490.202.026	26 mm	×	✓
490.202.032	32 mm	×	✓
490.202.036	36 mm	×	✓
490.202.040	40 mm	×	✓
490.202.044	44 mm	×	✓
490.202.050	50 mm	×	✓
490.202.058	58 mm	×	✓
490.202.068	68 mm	×	✓
490.202.072	72 mm	×	✓
490.202.112	112 mm	×	✓
490.202.130	130 mm	×	✓

HEX Tile & Porcelain Dry Drilling



The **PG750X-HEX** is the go-to dry tile drill for speed, simplicity and unbeatable performance. Designed for use with all drills—especially cordless—it powers through even the hardest tiles with ease. No water needed, just fast, clean, hassle-free drilling every time.



Vaccum Brazed Technology Diamond Drill Bit

Precision Drilling

Suitable Drilling Speeds: 1500 - 3000 RPM

HEX Drive

Drilling Methods:









30-70 HOLES IN GRADE 5 PORCELAIN

30 Day Money Back Guarantee!

SPEED A **LIFE B**



PG750X-HEX Diamond Dry Tile Drill G006

Why Buy Me:

- Dry drilling • Fast • Easy to use • Compatible with all drills

Technology:



Application:

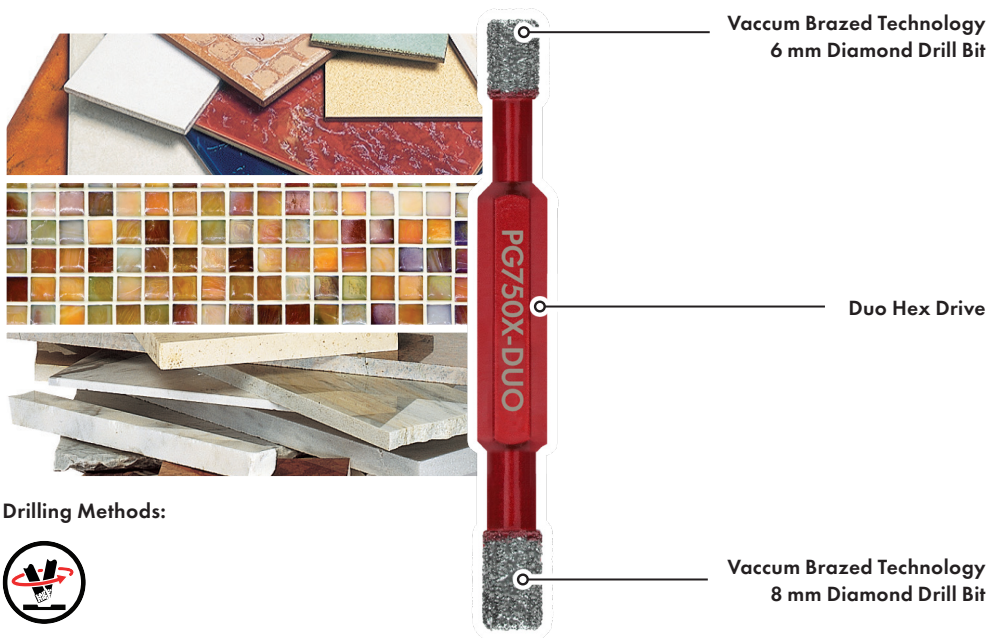
All Tiles Mosaic Porcelain Granite & Natural Stone

Part Number	Ø Diameter	Drive		
490.102.005	5 mm	HEX	✗	✓
490.102.006	6 mm	HEX	✗	✓
490.102.007	7 mm	HEX	✗	✓
490.102.008	8 mm	HEX	✗	✓
490.102.010	10 mm	HEX	✗	✓
490.102.012	12 mm	HEX	✗	✓
490.102.014	14 mm	HEX	✗	✓
490.102.020	20 mm	M14 + Adapter	✗	✓
490.102.026	26 mm	M14 + Adapter	✗	✓
490.102.036	36 mm	M14 + Adapter	✗	✓
490.102.044	44 mm	M14 + Adapter	✗	✓
490.102.058	58 mm	M14 + Adapter	✗	✓
490.102.068	68 mm	M14 + Adapter	✗	✓
490.102.072	72 mm	M14 + Adapter	✗	✓

The Ultimate Duo Tile Drill



The **PG750X-DUO** is the ultimate dry tile drill for professionals. Drill Ø6mm and Ø8mm with one bit, it powers through even the hardest porcelain with ease. Fast, self-cooling and self-sharpening, it delivers up to **60-100** holes and the lowest cost per hole.



Drilling Methods:



**60-100 HOLES IN
GRADE 5 PORCELAIN**



PG750X-DUO Diamond Dry Tile Drill

G006



Why Buy Me:

- Two sizes, one solution • Dry drilling • Fast • Compatible with all drills
- Easy to use

Technology:



Application:

All Tiles Mosaic Porcelain Granite & Natural Stone



Part Number
490.602.002

Ø Diameter
6/8 mm



Trade HEX Tile & Porcelain Dry Drilling



The **PG350X-HEX** makes dry drilling porcelain stoneware easy and safe. Built for high performance without compromise, it drills any tile-no matter how hard. No coolant needed, features self-cooling and self-sharpening for long-lasting use.



**Vaccum Brazed Technology
Diamond Drill Bit**

Precision Drilling

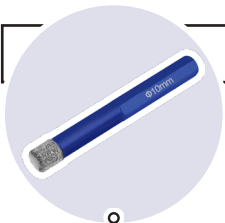
**Suitable Drilling Speeds:
1500 - 3000 RPM**

HEX Drive

Drilling Methods:







**15-25 HOLES IN
GRADE 5 PORCELAIN**

SPEED

A B

LIFE

A C

PG350X-HEX Trade Dry Drill **G006**

Why Buy Me:

- Excellent quality and performance without compromising safety
- Self-sharpening
- Self-centering

Technology:



Application:

All Tiles

Mosaic

Porcelain

Granite & Natural Stone



Part Number	Ø Diameter	Drive		
493.102.006	6 mm	HEX	✗	✓
493.102.007	7 mm	HEX	✗	✓
493.102.008	8 mm	HEX	✗	✓
493.102.010	10 mm	HEX	✗	✓
493.102.012	12 mm	HEX	✗	✓
493.102.014	14 mm	HEX	✗	✓

Trade Precision Dry Drilling



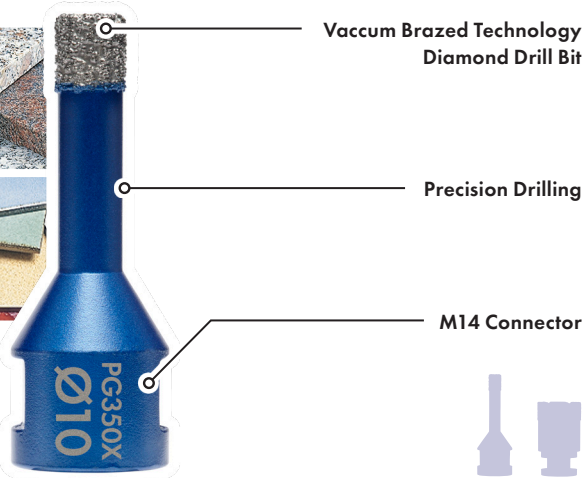
The **PG350X-M14** makes dry drilling in porcelain stoneware effortless. Designed for angle grinders, it drills **10–25** holes in even the hardest tiles with ease. Self-cooling, self-sharpening and easy to use—no coolant needed, just clean, fast, and cost-effective results.



Vaccum Brazed Technology
Diamond Drill Bit

Precision Drilling

M14 Connector



Drilling Methods:



10-25 HOLES IN
GRADE 5 PORCELAIN

SPEED

A+ G

LIFE

D G

PG350X-M14 Trade Tile Drill For Angle Grinders **G006**

Why Buy Me:

- Dry drilling
- Fast
- Easy to use
- Compatible with all angle grinders

Technology:

Application:

All Tiles

Mosaic

Porcelain

Granite & Natural Stone

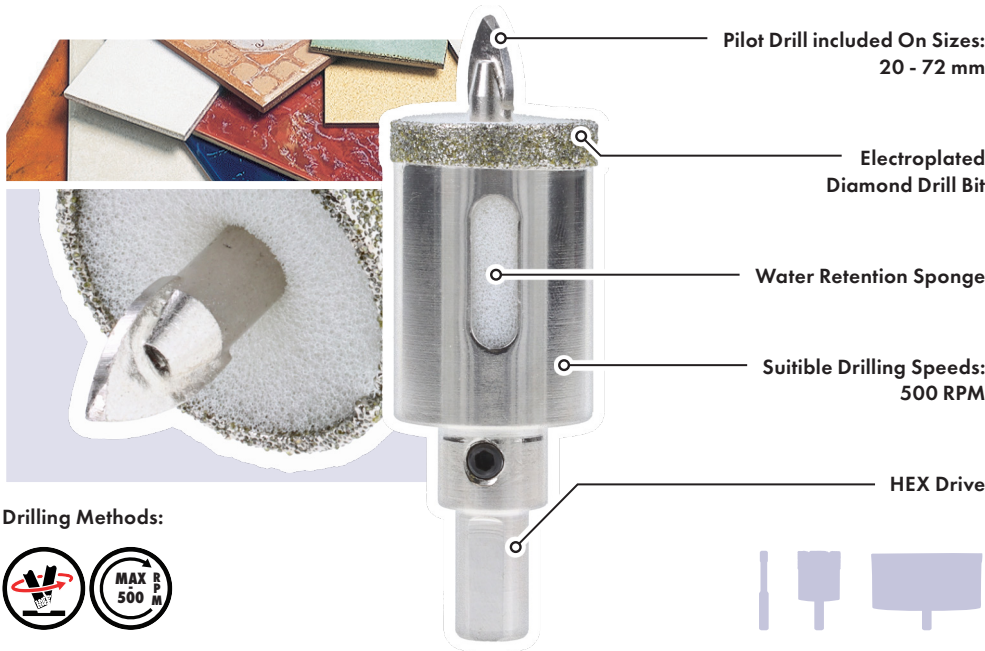


Part Number	Ø Diameter		
493.202.006	6 mm	✗	✓
493.202.007	7 mm	✗	✓
493.202.008	8 mm	✗	✓
493.202.010	10 mm	✗	✓
493.202.012	12 mm	✗	✓
493.202.014	14 mm	✗	✓
493.202.020	20 mm	✗	✓
493.202.026	26 mm	✗	✓
493.202.032	32 mm	✗	✓
493.202.036	36 mm	✗	✓
493.202.044	44 mm	✗	✓

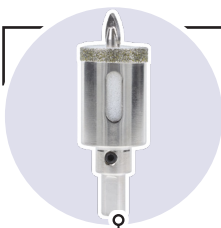
Trade Precision Wet Drilling



The **PG350** is the precision wet diamond drill built for trade users. With a hex shaft for cordless drills, it delivers clean, razor-sharp holes in even the hardest tiles. Perfect for dowel drilling, self-centering, and easy to use—reliable performance at up to **500 RPM**.



Drilling Methods:



15-25 HOLES IN
GRADE 5 PORCELAIN



PG350 Trade Precision Wet Drill

G006

Why Buy Me:

- Accurate wet drilling • Fast • Easy to use • Compatible with all drills

Technology:

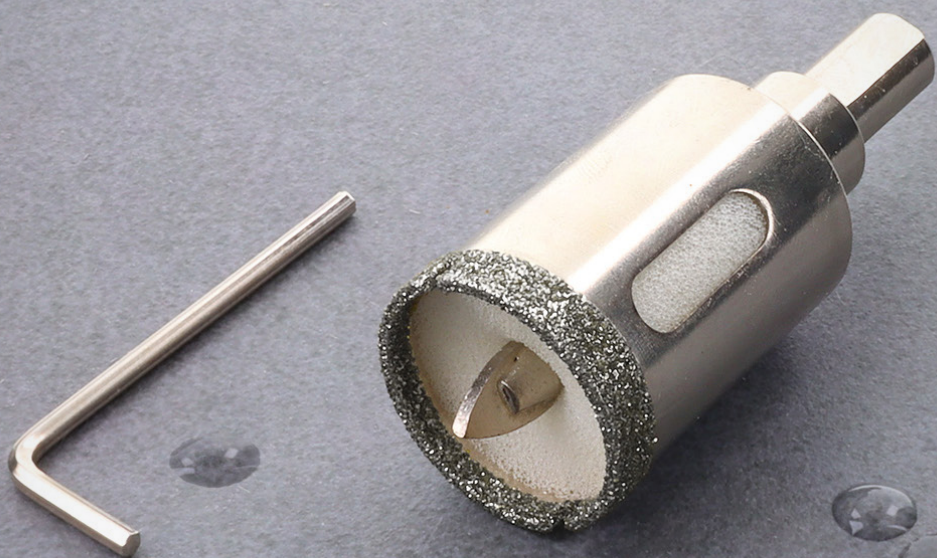


Application:

- All Tiles
- Mosaic
- Porcelain
- Granite & Natural Stone



Part Num	Ø Diameter	Description		
492.001.006	6 mm		✓	✗
492.001.008	8 mm		✓	✗
492.001.010	10 mm		✓	✗
492.001.020	20 mm	Tile Drill With Pilot + Sponge	✓	✗
492.001.026	28 mm	Tile Drill With Pilot + Sponge	✓	✗
492.001.036	35 mm	Tile Drill With Pilot + Sponge	✓	✗
492.001.044	45 mm	Tile Drill With Pilot + Sponge	✓	✗
492.001.068	68 mm	Tile Drill With Pilot + Sponge	✓	✗
492.001.072	72 mm	Tile Drill With Pilot + Sponge	✓	✗



High Speed & Precision Diamond Router



The **FF750** Diamond Router is the precision tool for fast, accurate hole enlargement, trimming and radius routing. Suitable for all **Ø20 mm x M14 115, 125 angle grinders**, it's easy to use, self-sharpening, and built to last. Use dry or wet for clean, controlled results every time.





FAST EASY FINISHING

FF750 Diamond Router

G006  

Why Buy Me:

- Ultimate precision • Exceptionally fast • Long life • Low cost
- Saves time & money • Easy to use • Wet or dry application

Technology:



Application:

All Tiles Porcelain Granite & Natural Stone

SPEED **LIFE**

A+ A+



Part Number	Ø Diameter		
2394.0020.M14	20 mm x 65 mm x M14	✓	✓

One Drill Bit Infinite Precision



The **PD750** Pyramid Diamond Drill is the ultimate tool for enlarging, shaping, bevelling and refining holes with total control. With a wide **2 to 50mm working range in one tool**, it delivers clean, precise finishes and eliminates the need for multiple drill bits.



**ONE TOOL,
MANY JOBS**



PD750 Pyramid Diamond Drill

G006



Why Buy Me:

- Wide hole size range (2-50mm)
- Pyramid-shaped design
- Smooth finish
- One tool. many jobs
- Perfect for fine adjustments and large expansions

Technology:



Application:

All Tiles Porcelain Granite & Natural Stone



Part Number
490.701-2-50MM

Ø Diameter
2-50mm M14 80/100 Grit

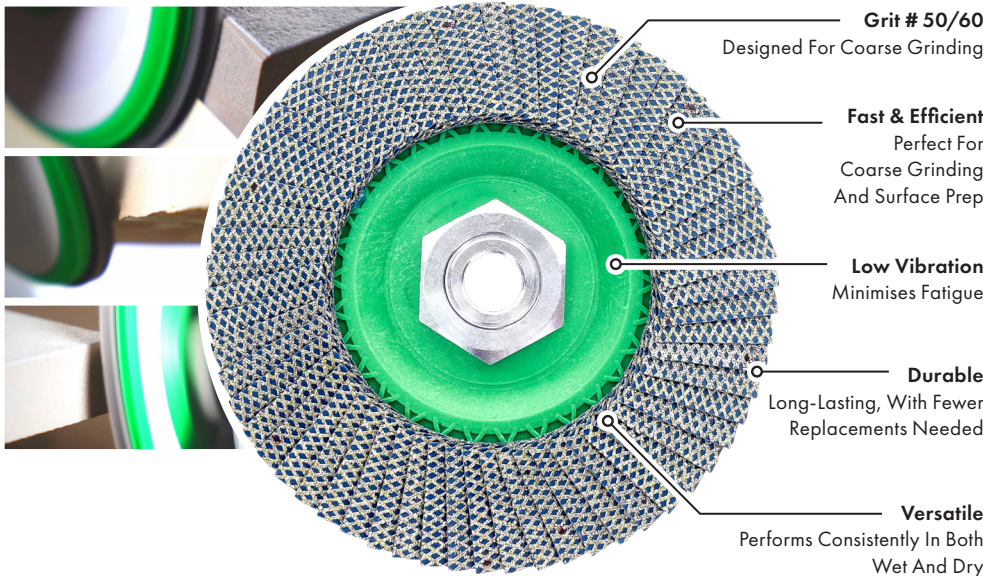




Material Removal Coarse Grinding



The **DF550** Diamond Flap Wheel is built for fast, coarse grinding and shaping of stone, porcelain and engineered materials. Delivers low-vibration, long-life performance wet or dry. Ideal for bevelling, edge work and rapid material removal with control and precision.



GRIT #50/60

DF550 Diamond Flap Wheel #50/60 Grit



Why Buy Me:

- Smooth performance • Stable & robust • Time and cost saving • Precise
- Versatile • Durable • Low vibration • Fast & efficient

Application:

Porcelain	Outdoor Porcelain	Granite & Natural Stone
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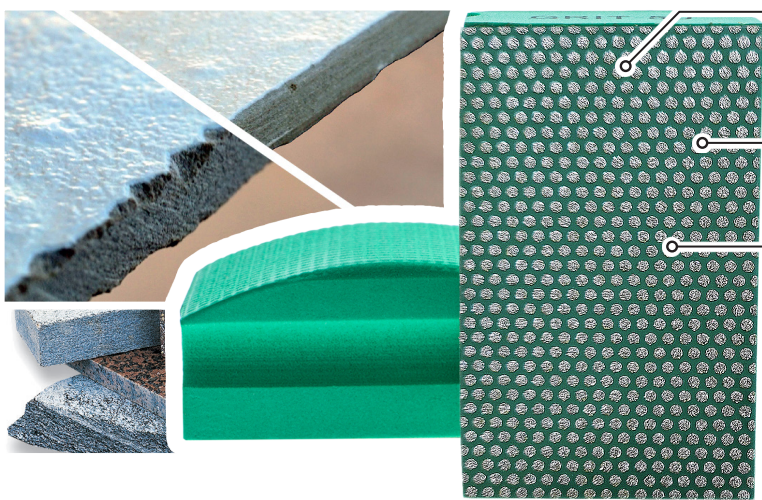


Part Number	Ø Diameter	Bore	Grit		
2352.0115.22-M14	115 mm	22.2 mm/M14	50-60	✓	✓



Edge Rectifying Handheld

The **Diamond Hand Polishing Pad** makes smoothing edges quick and easy. Just a few passes gives a clean, professional finish and removes sharpe edges. Available in 3 grit levels for perfect results on everything from fine glass to coarse granite.



Perfect Tile Edges
In Seconds

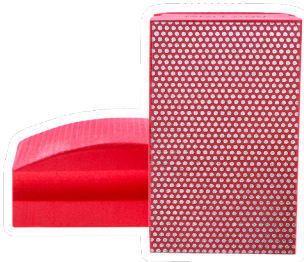
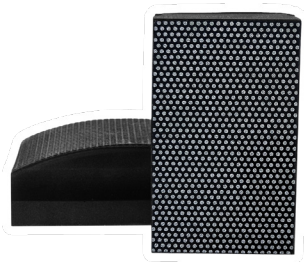
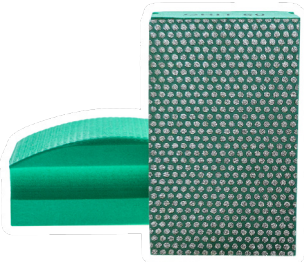
Extreme Long Life

Non-Clogging



Diamond Hand Polishing Pad





Coarse Grit #50

Why Buy Me:

- Edge rectification
- Bevelling
- Repairs

Application:

Vitrified Paving	Slate	Granite
Marble	Indoor Porcelain	

Part Number		
490.003.053		

Fine Grit #100

Why Buy Me:

- Edge rectification
- Bevelling
- Repairs

Application:

Vitrified Paving	Slate	Granite
Marble	Indoor Porcelain	

Part Number		
490.003.054		

Ultra Fine Grit #200

Why Buy Me:

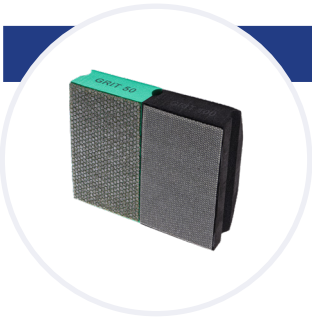
- Edge rectification
- Bevelling
- Repairs

Application:

Vitrified Paving	Slate	Granite
Marble	Indoor Porcelain	

Part Number		
490.003.055		

Polishing Pad Double & Triple Pack



Diamond Hand Double Pack #50 & #100

Why Buy Me:

- Extremely fast finish
- Perfect tile edges in seconds
- Extreme long life
- Non-clogging
- Easy to use

Application:

Vitrified Paving Slate Marble Granite Indoor Porcelain



Part Number	Description		
490.003.056	Diamond Hand Double Pack #50 & #100		



Diamond Hand Triple Pack #50, #100 & #200

Why Buy Me:

- Extremely fast finish
- Perfect tile edges in seconds
- Extreme long life
- Non-clogging
- Easy to use

Application:

Vitrified Paving Slate Marble Granite Indoor Porcelain



Part Number	Description		
490.003.057	Diamond Hand Triple Pack #50, #100 & #200		

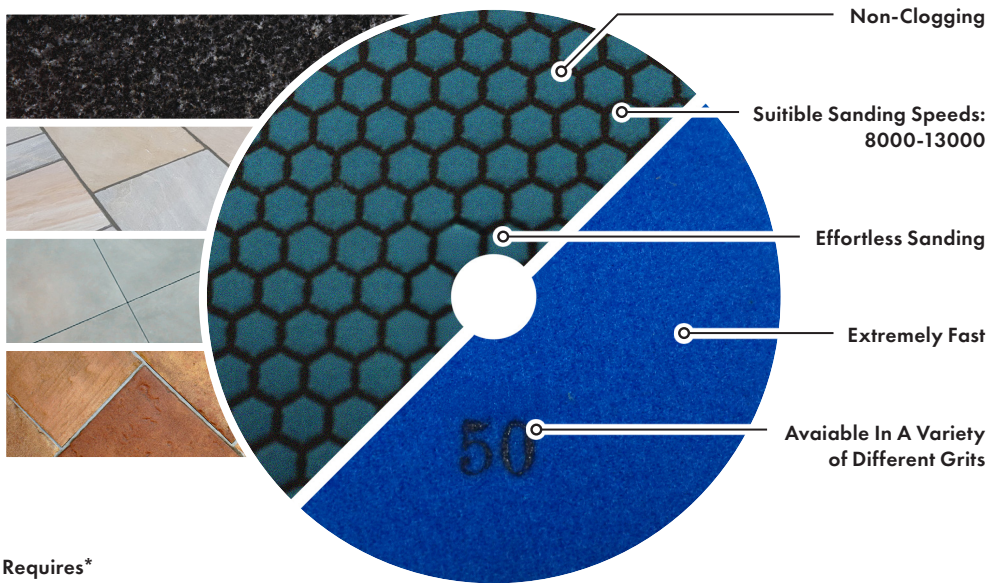


GRIT 50

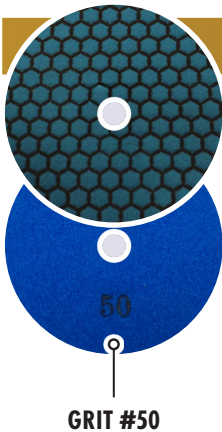
High Speed Sanding Discs For Tile Edges



The **DP850** Diamond Polishing Pad delivers ultra-long life and outstanding results on natural stone, granite, porcelain and ceramics. Outlasts sanding discs by up to 100 times. Fits all standard angle grinders when used with Hook & Loop Backing Pad.



Requires*
Hook & Loop Backing Pad to operate



DP850 Coarse #50 Tile Sanding

G006



Why Buy Me:

- Extremely fast • Non-clogging • Long life • Produces the ideal even finish
- Hook & loop fitting • Outlasts conventional sanding disks by up to 100x
- Suitable for use on all standard angle grinders at 8000-11000 rpm
- Works dry, no coolants required

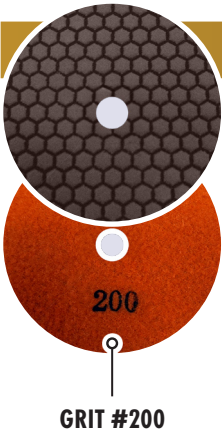
Application:

Granite Sandstone Porcelain Natural Stone



Part Number	Ø Diameter	Grit		
499.115.050	115 mm	#50	✗	✓
499.125.050	125 mm	#50	✗	✓

Sanding Disc Range & Accessories



DP850 Fine #200 Sanding

G006



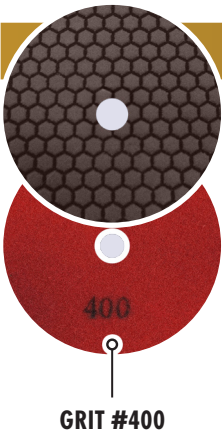
Why Buy Me:

- Extremely fast • Non-clogging • Long life • Produces the ideal even finish
- Hook & loop fitting • Outlasts conventional sanding disks by up to 100x
- Suitable for use on all standard angle grinders at 8000-13000 rpm • Works dry

Application:

Granite	Sandstone	Porcelain	Natural Stone
---------	-----------	-----------	---------------

Part Number	Ø Diameter	Grit		
499.115.200	115 mm	#200	✗	✓
499.125.200	125 mm	#200	✗	✓



DP850 Fine #400 Sanding

G006



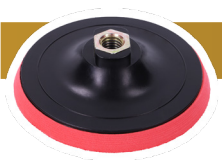
Why Buy Me:

- Extremely fast • Non-clogging • Long life • Produces the ideal even finish
- Hook & loop fitting • Outlasts conventional sanding disks by up to 100x
- Suitable for use on all standard angle grinders at 8000-13000 rpm • Works dry

Application:

Granite	Sandstone	Porcelain	Natural Stone
---------	-----------	-----------	---------------

Part Number	Ø Diameter	Grit		
499.115.400	115 mm	#400	✗	✓
499.125.400	125 mm	#400	✗	✓



Hook & Loop Backing Pad For DP850

G006



Why Buy Me:

- Special pad for diamond polishing pads • M14 thread
- Fits all ø 115 mm M14 angle grinders • Hook & loopfitting

Application:

Granite	Sandstone	Porcelain	Natural Stone
---------	-----------	-----------	---------------



Part Number	Ø Diameter		
500.115.M14	115 mm	✗	✓
500.125.M14	125 mm	✗	✓



Diamond Tools For Outdoor Porcelain

Over a 4½-year R&D and development programme, Marcris has pioneered professional diamond tools and system solutions for cutting, grinding, drilling and dressing 2–5 cm vitrified porcelain paving (outdoor ceramics).

Thanks to its hard-wearing properties—resistance to heat, frost, scratches, stains and discolouration—vitrified porcelain paving in 2 cm, 3 cm and 5 cm thicknesses is rapidly replacing conventional outdoor surfaces.

The only challenge with outdoor ceramics until now has been their hardness and the associated difficulties and costs of cutting or drilling.

We take pride in presenting the results of our R&D. a range of diamond tools that make laying and working with vitrified porcelain paving as easy as working with conventional natural stone or concrete.

Marcris diamonds and machinery are designed to make working with vitrified porcelain paving easy, fast and cost-efficient.

Choosing The Right Blade For Your Machine

Outdoor Tile Cutting Products

Tool Compatibility:

Quality:

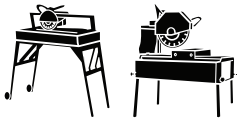
Blade:

Application:

Blade Features:

Available Sizes:

Bridge + Table Saws



Premium Professional



CK850T



All Tiles Granite & Natural Stone
Outdoor Porcelain <30mm Mosaic

Blade Features

- Turbo diamond design
- Very fast cutting
- Ultra-thin
- Extreme long life
- Ultimate precision
- Self sharpening

Ø Diameter			
200 mm	25/30 mm	✓	✗
230 mm	22/25.4 mm	✓	✗
250 mm	25/30 mm	✓	✗
300 mm	25/30mm	✓	✗
350 mm	25/30 mm	✓	✗

Premium Professional



FZ850N



All Tiles Granite & Natural Stone
Outdoor Porcelain <30mm Mosaic

Blade Features

- Joined segments
- Minimal tearing
- Precision cutting
- Outsanding long life
- Extremely fast
- Exceptional life

Ø Diameter			
300 mm	20/25 mm	✓	✗
350 mm	20/25 mm	✓	✗

Corded + Petrol Saws



Premium
Professional



FZ850X



All Tiles Mosaic

Granite & Natural Stone

Outdoor Porcelain <50 mm

Blade Features

- Armoured core centre
- Outstanding precision
- Extreme long life
- Dynamically balanced
- Minimal to no chipping
- Minimal tearing

Ø Diameter			
300 mm	20 mm	✓	✗
350 mm	25 mm	✓	✗

Corded + Petrol Saws



Premium
Professional



FZ850



All Tiles Mosaic

Granite & Natural Stone

Outdoor Porcelain <50 mm

Blade Features

- Low cutting cost
- Dynamically balanced
- Minimal tearing
- Absolute precision cut
- Patented reinforced blade
- Self-sharpening

Ø Diameter			
115 mm	22 mm	✗	✓
125 mm	22 mm	✗	✓
230 mm	22 mm	✗	✓
230 mm	22 mm (Cordless)	✓	✗

Corded + Cordless
Angle Grinders



Premium
Professional



FZ850C



All Tiles <30 mm Mosaic

Granite & Natural Stone

Indoor & Outdoor Porcelain

Blade Features

- Curve cutting
- Highest precision cut
- Extremely fast
- Minimal tearing
- Lowest buying price
- Good cutting speed

Ø Diameter			
115 mm	22 mm	✗	✓
125 mm	22 mm	✗	✓
230 mm	22 mm	✗	✓

Tool Compatibility:

Quality:

Blade:

Application:

Blade Features:

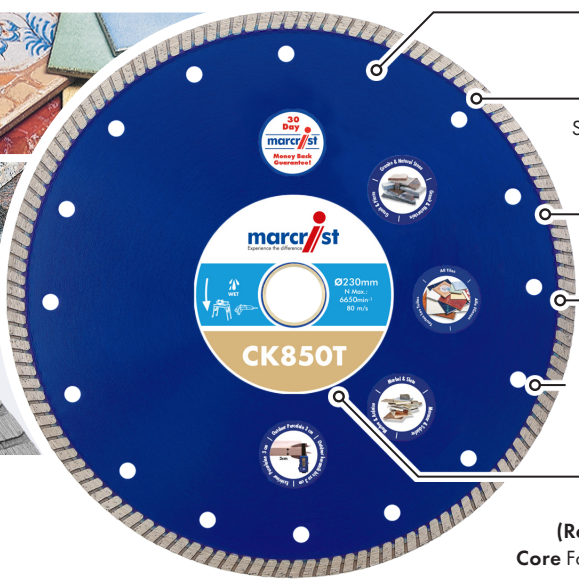
Available Sizes:

The Ultimate Long Life Diamond Tile Blade



The **CK850T** is the ultimate turbo tile blade for professionals. It cuts porcelain, ceramic and natural tiles, wet or dry, with unmatched speed and precision. Ultra-thin, self-sharpening. Delivers the lowest cost per cut and unrivalled performance.





- Reduced Noise
- Exceptional Cutting Speed And Cut Precision
- Self Sharpening
- Ultra Thin & Precise
- Extremely Fast Cutting
- 115, 125mm Patented Armoured (Reinforced) Steel Blade Core For Highest Cut Precision, Safety And Stability



CK850T Turbo Speed & Life

G020  

Why Buy Me:

- 50% faster cutting • Patented ultra-thin steel core • X-Tooth for chip-free cuts
- Exceptional speed • Ultra-thin edge • 10mm diamond rim for long life
- AkkuMAX • Less dust • Low vibration • SilentMAX

Technology:





Application:

Heat Resistant Tiles

Composites Plus Fibreglass

All Tiles (<30mm)

Mosaic

Porcelain

Granite & Natural Stone



Part Number	Ø Diameter	Bore		
1830.0115.22	115 mm	22.2 mm (Not suitable 2-5cm Porcelain)	✓	✓
1830.0125.22	125 mm	22.2 mm (Not suitable 2-5cm Porcelain)	✓	✓
1830.1150.25	150 mm	22.2 / 25.4mm	✓	✗
1830.1180.25	180 mm	22.2 / 25.4mm	✓	✗
1830.1200.30	200 mm	25.4 / 30.0mm	✓	✗
1830.1230.25	230 mm	22.2 / 25.4mm	✓	✗
1830.1250.30	250 mm	25.4 / 30.0 mm	✓	✗
1830.1300.30	300 mm	25.4 / 30.0 mm	✓	✗
1830.1350.30	350 mm	25.4 / 30.0 mm	✓	✗
1830.1400.25	400 mm	25.4 mm	✓	✗



Special Blade For Angle Grinders



The **FZ850** is the only blade that cuts up to 50mm vitrified paving. Delivers fast, straight, tear-free cuts in outdoor porcelain wet or dry. Self-sharpening, ultra-durable and low cost per cut. Reinforced for handheld use with fewer vibrations and high precision.

marcr/st
Experience the difference

Ø230mm
N Max : 6650 min⁻¹
80m/s

FZ850

- Cuts Vitrified Paving Slabs Up To 30mm Dry
- Low Cutting Costs
- Dynamically Balanced
- Turbo Segment
- Precise & Minimal Tears
- Patented Armoured (Reinforced) Steel Blade Core For Highest Cut Precision, Safety And Stability

10MM SEGMENT

SPEED
A+
A

LIFE
A+
A

FZ850 Blade For Vitrified Porcelain G020

Why Buy Me:

- Highest precision for vitrified paving slabs • Precise cut • Minimal tears
- Extremely fast • Excellent cutting performance • Lowest cutting costs

Technology:

Application:

All Tiles (<50mm) Mosaic Porcelain Granite & Natural Stone



Part Number	Ø Diameter	Bore		
1843.0115.22	115 mm	22.2 mm	×	✓
1843.0125.22	125 mm	22.2 mm	×	✓
1843.0230.22	230 mm	22.2 mm	×	✓

Special Blade For Petrol Saws



Designed for petrol saws, the **FZ850X** is the only blade that cuts up to 3cm vitrified paving. Delivers fast, straight, tear-free cuts in outdoor porcelain, wet. Reinforced for handheld use with fewer vibrations. Self-sharpening, ultra-durable.

Cuts Vitrified Paving Slabs Up To 30mm ,Wet

Low Cutting Costs

Dynamically Balanced

X-Tooth Segment

Precise & Minimal Tears

Patented Armoured (Reinforced) Steel Blade Core For Highest Cut Precision, Safety And Stability

FZ850X Petrol Blade For Vitrified Porcelain

G020

Why Buy Me:

- Highest precision for vitrified paving slabs • Precise cut • Minimal tears
- Extremely fast • Excellent cutting performance • Lowest cutting costs

Technology:

Application:

All Tiles (<50mm) Mosaic Porcelain Granite & Natural Stone

10MM SEGMENT

SPEED

A++

LIFE

A

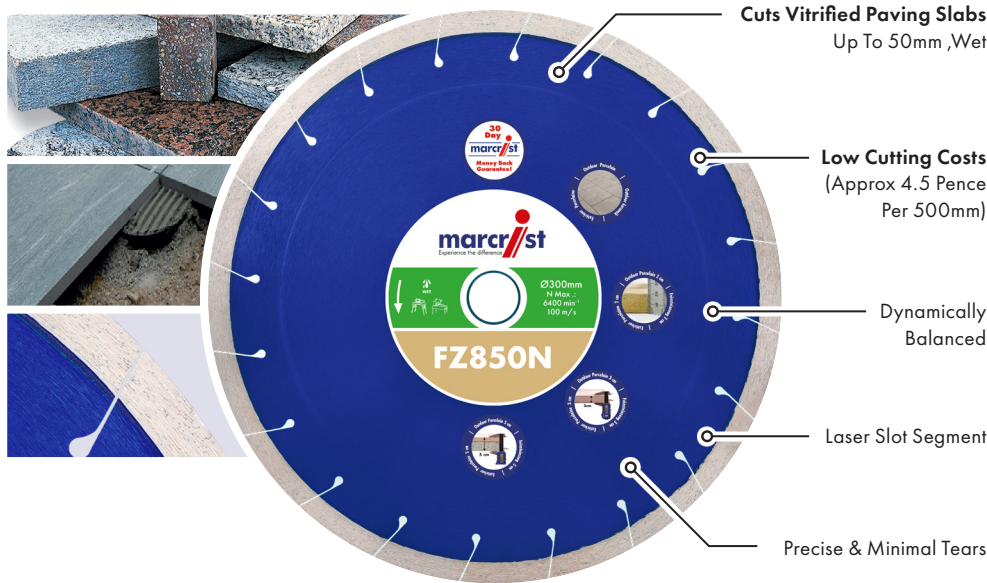


Part Number	Ø Diameter	Bore		
1843.0230.22X	230 mm	22.2 mm (AkkuMAX Blade)	✓	✗
1843.0300.20X	300 mm	20.0 mm	✓	✗
1843.0300.25X	300 mm	25.4 mm	✓	✗
1843.0350.20X	350 mm	20.0 mm	✓	✗
1843.0350.25X	350 mm	25.4 mm	✓	✗

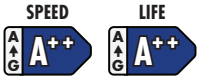
Special Blade For Table Saws & Bridge Saws



The **FZ850N** is the specialist blade for cutting 20-30mm vitrified porcelain and outdoor ceramics on table and bridge saws. Its laser slot segment delivers precise, fast cuts with minimal chipping or tearing. No runoff, exceptional life and low cutting costs.



10MM SEGMENT



FZ850N Blade For Table & Bridge Saws G020

Why Buy Me:

- Highest precision for vitrified paving slabs • Precise cut • Minimal tears
- Extremely fast • Excellent cutting performance • Lowest cutting costs

Technology:



Application:

- All Tiles (<30mm)
- Mosaic
- Porcelain
- Granite & Natural Stone

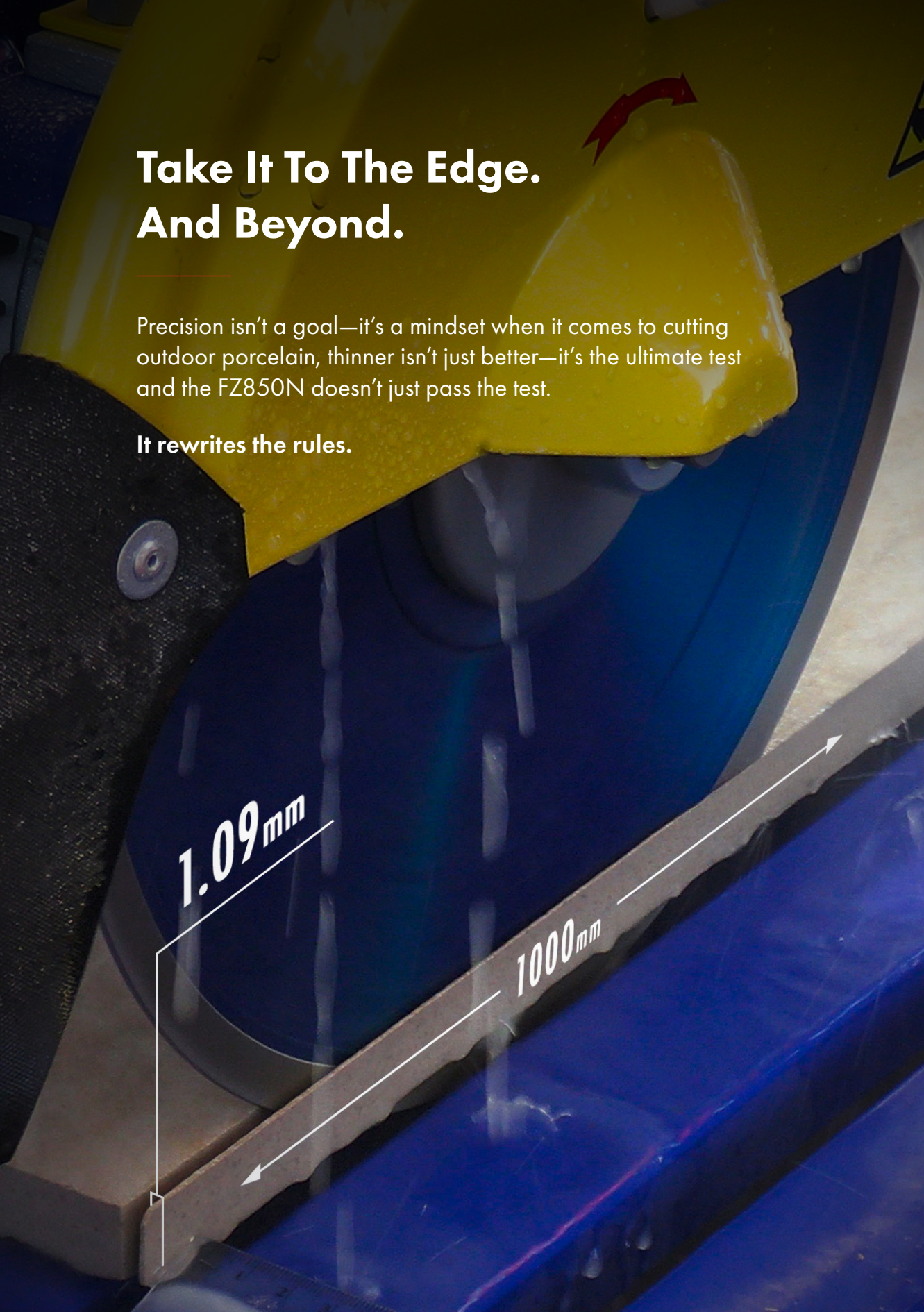


Part Number	Ø Diameter	Bore		
1843.0300.30N	300 mm	25.40 / 30.00 mm	✓	✗
1843.0350.30N	350 mm	25.40 / 30.00 mm	✓	✗

Take It To The Edge. And Beyond.

Precision isn't a goal—it's a mindset when it comes to cutting outdoor porcelain, thinner isn't just better—it's the ultimate test and the FZ850N doesn't just pass the test.

It rewrites the rules.



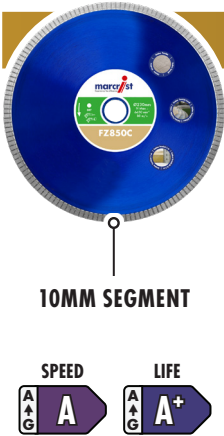
1.09mm

1000mm

Special Blade For Curve Cutting



The **FZ850C** is the world's first blade for curve cutting outdoor porcelain up to 30mm dry. Its precise turbo segment delivers smooth, tear-free cuts with ease. Fits all popular angle grinders, corded or cordless. Fast, accurate, low-cost cutting for curves and shapes.



FZ850C Curved Blade For Vitrified Porcelain G020

- Why Buy Me:**
- Highest precision for vitrified paving slabs • Precise cut • Minimal tears
 - Extremely fast • Excellent cutting performance • Lowest cutting costs

Technology:



Application:

All Tiles (<30mm)

Mosaic

Porcelain

Granite & Natural Stone



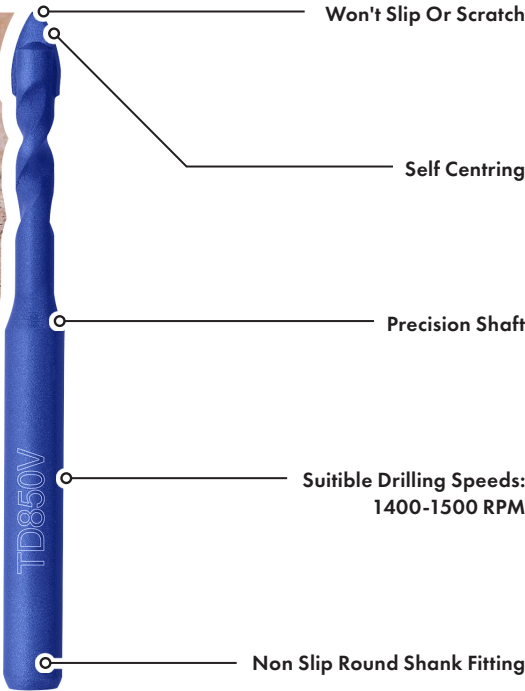
Part Number	Ø Diameter	Bore		
1843.0115.22C	115 mm	22.2 mm	✓	✓
1843.0125.22C	125 mm	22.2 mm	✓	✓
1843.0230.22C	230 mm	22.2 mm	✓	✓



Vitrified Drilling Tile & Porcelain



The **TD850V** is the perfect tile drill for fast, accurate Ø8 mm fixing holes. Self-centring and chip-free, it drills 10–20 holes in 2 cm outdoor porcelain using any corded or cordless drill. Must be used wet with oscillating motion at **1400–1500** rpm for best results.



Drilling Methods:



10-20 HOLES IN
GRADE 5 PORCELAIN



TD850V Drill Bit For Drilling Fixing Holes

G006 

Why Buy Me:

- The perfect tile drill for drilling fixing holes
- Self-centering
- Precision shaft
- Won't slip or scratch tiles
- Drills all tiles however hard
- Non slip hex fitting

Application:

All Tiles However Hard (<20mm)	Porcelain	Mosaic	Granite & Natural Stone
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Part Number Ø Diameter
495.101.008 8 mm





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Marcrist Technical Support

Contact Marcrist and ask for 'Technical Support' for any questions or problems related to diamonds. Our team are experts, many with lifelong diamond knowledge.

If we are unable to solve your problem over the phone, we will normally have an engineer on your site within 48 hours.

Monday - Friday (8:00 - 17:00)
+44 (0) 1302 890 888



Your Marcrist Specialist: