



Diamond Hole Saws

High Performance Diamond Technology



For demanding applications.
Porcelain & Hard Ceramic Tile – Stone – Glass and more

C4 | carbides
CUTTING EDGE TECHNOLOGY

Best in class

Is the philosophy which drives C4 to develop diamond hole saw programs which deliver outstanding product performance, customer satisfaction and sales growth for leading brands.

Innovative Diamond Technology

C4's patented designs and superior braze bonding technology developed over 30 years, set us apart from the competition. C4's braze bonded diamond technology is incorporated into our wetDRY and waxDRY Diamond Hole Saw ranges, guaranteeing long life with minimal or no water cooling on hard porcelain tile and stone, and exceptional usability for Professional and DIY users.



wetDRY™ Diamond Mini Hole Saws

Multiple shank options
Round, Tri-Flat and ¼" Hex
ideal for range differentiation.

Large ejection slot
Core material auto-ejects allowing
continuous hole cutting (Pro level).

Tough alloy body provides
extended durability.

Tough braze bonded diamonds
will cut the hardest of materials.



Superior brazing technology Diamonds
stay bonded for extremely long life.

Enables 'easy-start' without
the need for a drill guide.

High quality finish
Fully customisable to meet all branding
requirements.

**Talk to us about developing a market leading
program for your brand +44 (0)1223 225 400**

★★★★★
5 Star User Reviews



wetDRY™ Diamond Multi-Purpose Hole Saws



Superior brazing technology

Diamonds stay bonded for extremely long life.

Offset holes

Facilitates easy core removal.

Standard thread

Offers flexibility for use with a drill or angle grinder.

C4 AutoPilot®

Patented Retractable Starter Bit provides accurate centring and easy core removal (sold with or without standard arbor).

Gulletted edge

Provides smooth grab free cutting at low and high speeds. Typically no secondary finishing required.

Ultra-thin kerf

Facilitates low torque for faster cutting and prolonged battery life on cordless tools.



**C4 Standard
Hole Saw Arbor**

**C4 Angle Grinder
Adaptor Nut**

Wide range of supporting user accessories

waxDRY™ Diamond Hole Saws for Angle Grinders

Dry cutting - no water cooling required



Superior brazing technology
Diamonds stay bonded for extremely long life.
Enables 'easy-start' without the need for a drill guide.

waxDRY™ Diamond Mini Hole Saws for Drills



Our high performance
Diamond Hole Saw
programs deliver
YOY growth for
many leading
global brands



Diamond Jig Saw Blades and Reciprocating
Saw Blades are just some of our
complimentary product ranges – visit our
website or call us to find out more



Bespoke development

C4 has unrivalled knowledge and expertise of brazing diamond and tungsten carbide grit onto edges and surfaces. Our technology has been developed over 30 years and is now supported by high quality, high volume manufacturing from our plant in the UK.

Today our focus is delivering B2B solutions to the global power tool accessory and industrial band saw blade industries. C4 excels in providing bespoke solutions covering product design and development through to a fully finished and packaged product. Our expertise enables us to tailor product performance to meet specific application, market or brand differentiation requirements.

The results are high performance power tool accessory and band saw blade programs which deliver year-on-year growth for many leading global brands.

Product innovation

Innovation is at the heart of C4 and is central to providing our partners with market leading programs. Our innovations are based on technology breakthroughs, key insights from consumers and through close collaboration with our partners.

Our highly experienced team of metallurgists, engineers and application specialists constantly strive to turn unique insights into innovative products which out-perform from a life, speed, usability and value perspective.

We take innovation seriously and protect many of our ideas with patents. This provides reassurance to our partners and protects their investments in sales and marketing and sets C4 apart from the competition.

Commitment to quality

C4's Management System has been approved by Lloyd's Register to the ISO 9001:2015 standard. Our ongoing commitment to quality and development in our products and processes ensures we continue to meet and exceed our customers' expectations.

Compliance











C4 has been awarded the BSI Kitemark™ for demonstration of RoHS awareness and implementation. This award recognises the integrity of the processes and procedures C4 has put in place to comply with the RoHS Directive.

Global business

C4 operates globally and exports over 90% of its output to major markets such as the USA, Europe and Asia-Pacific. We have longstanding relationships with key customers and suppliers and have expertise in dealing with multi-national, multi-continent based organizations.

We have access to additional added value operations in the Far East enabling us to remain competitive in a wide range of professional, industrial and DIY market channels.

Product selector

	wetDRY™ Consumer Diamond Mini Hole Saws	wetDRY™ Professional Diamond Mini Hole Saws	wetDRY™ Diamond Multi-Purpose Hole Saws	waxDRY™ Diamond Hole Saws for Angle Grinders	waxDRY™ Diamond Mini Hole Saws for Drills
					
Shank/Thread	Round	Tri-Flat and ¼" Hex	Standard thread	M14, M10 or ¾" -11 UNC	Hex and Round
Professional		●	●	●	●
Semi-Pro		●	●	●	●
DIY	●	●			●
Application use	Porcelain tile Ceramic tile (non porcelain) Granite Marble Slate Glass	Porcelain tile Ceramic tile (non porcelain) Granite Marble Slate Glass	Porcelain tile Ceramic tile (non porcelain) Granite Marble Slate Glass (drill only) Cement board Brick (house) Block (lightweight) Fibreglass Laminate flooring	Porcelain tile Ceramic tile (non porcelain) Granite Marble Slate	Porcelain tile Ceramic tile (non porcelain) Granite Marble Slate
Features	<ul style="list-style-type: none"> Tough braze bonded diamond edge Patented 	<ul style="list-style-type: none"> Tough braze bonded diamond edge Large core ejection slot (6mm to 35mm) Patented 	<ul style="list-style-type: none"> Tough braze bonded gulletted diamond edge Offset holes Standard thread Ultra-thin kerf 	<ul style="list-style-type: none"> Tough braze bonded diamond edge Integral wax coolant 	<ul style="list-style-type: none"> Tough braze bonded diamond edge Integral wax coolant
Benefits	<ul style="list-style-type: none"> Long life Minimal water cooling, does not require continuous water feed Fast, clean cuts Easy-start, no drill guide required Easy core removal 	<ul style="list-style-type: none"> Extremely long life Minimal water cooling, does not require continuous water feed Fast, clean cuts Easy-start, no drill guide required Auto-core ejection for continuous hole cutting 	<ul style="list-style-type: none"> Extremely long life Minimal water cooling on hard tile, stone and glass. Use dry on all other materials Versatile, use on a drill or angle grinder Smooth, grab free cutting No secondary finishing required Easy core removal Low torque, for fast cutting and prolonged battery life 	<ul style="list-style-type: none"> Outstanding life Dry cutting Fast, clean cuts Easy-start, no drill guide required 	<ul style="list-style-type: none"> Long life Dry cutting Fast, clean cuts Easy-start, no drill guide required
Power unit					
Coolant	Dip the hole saw in water before starting the cut and every 5 sec during cutting for optimal performance	Dip the hole saw in water before starting the cut and every 5 sec during cutting for optimal performance	Hard tile, stone and glass: dip the hole saw in water before starting the cut and every 5 sec during cutting for optimal performance. Use dry on all other materials	Self cooling, integral wax 5mm - 10mm (¾" - ⅜") No wax 12mm - 114mm (½" - 4½")	Self cooling, integral wax 5mm - 20mm (¾" - ¾") No wax 22mm - 35mm (⅞" - 1⅜")
Recommended freeloading speed (RPM)	1,500 - 2,000	1,500 - 2,000	Drill : 1,500 - 2,000 Angle grinder : 8,000 - 12,000	8,000 - 12,000 For optimal performance use a corded angle grinder	1,500 - 2,000
Size range	5mm - 35mm (¾" - 1⅜")	3.5mm - 35mm (¼" - 1⅜")	19mm - 114mm (¾" - 4½")	5mm - 114mm (¾" - 4½") 5mm - 38mm (¾" - 1½") continuous edge profile 38mm - 114mm (1½" - 4½") gulletted edge profile	5mm - 35mm (¾" - 1⅜")



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