










**QUALITY
DIAMOND PRODUCTS**

KEY TO APPLICATION GUIDE

 <p>EXCELLENT CUTTING PERFORMANCE WITH OPTIMAL COMBINATION OF LIFE AND CUTTING SPEED</p>	 <p>GOOD ALL ROUND CUTTING PERFORMANCE AND BLADE LIFE</p>	 <p>OCCASIONAL USE ONLY EXCESSIVE USE ON ABRASIVE MATERIALS WILL SIGNIFICANTLY REDUCE TOOL LIFE. EXCESSIVE USE IN HARD MATERIALS MAY OVERHEAT THE TOOL AND REDUCE CUTTING PERFORMANCE. (TOOL SHARPENING MAY BE REQUIRED)</p>	 <p>INCORRECT APPLICATION TOOL DAMAGE IS POSSIBLE</p>
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-  A superb range of specialist high quality diamond cutting tools to suit most applications is available upon request.
-  Faithfull Products are manufactured to the highest standards of quality for optimum cutting performance and the highest level of safety.
-  Faithfull Diamond Products are designed for maximum cutting performance when selected and used as shown in the "Faithfull Selection, Operation, And Safety Guide".
-  The Faithfull Tools catalogue features over 3,000 products. Ask your local Faithfull stockist for a copy or write to the address below.

Any Claim referring to tool performance will only be considered when 50% or more of the diamond impregnation is remaining.

Dry Cutting

Dry Cutting blades will provide an excellent cutting performance within the material types recommended. Due to the build up of heat during the cutting process, diamond blades are best used for intermittent cutting. For this reason it is essential that air flow is maintained around the cutting tool, and from time to time the blade is allowed to cool. Excessive heat build up will reduce cutting performance and damage the tensioned steel centre.

Wet Cutting

It is essential that where indicated, wet cutting tools are supplied with adequate cooling water. Wet cutting blades should not be used dry. A wet cutting blade used dry could result in blade damage and possible personal injury.

SHARPENING A DIAMOND BLADE

A Diamond Blade is designed to give optimum cutting performance throughout its complete service life. Continuous use in certain non abrasive materials may cause the blade to become slow cutting. In such cases a few gentle cuts in a soft abrasive material will sharpen the blade.




FAITHFULL DIAMOND PRODUCT RANGE AND MATERIAL SELECTION GUIDE




PRODUCT CODE	CORE BIT DIAMETER mm	CORE BIT LENGTH mm	SEGMENT HEIGHT	TOOL COLOUR CODE	PERFORMANCE CATEGORY	APPLICATION	PERFORMANCE DESCRIPTION	BREEZE BLOCKS	BLOCK PAVING	SANDSTONE	AERATED BLOCKS	SLATE	MARBLE	GENERAL BRICKWORK	GENERAL BLOCKWORK	ENGINEERING BRICK	CERAMIC TILES	GRANITE TILES	STONE TILES		
A FAI DC28	28	300	7	BURGUNDY	PREMIUM	DRY	FAST CUTTING PERFORMANCE IN BLOCKWORK AND BRICK WALLS MAXIMUM NUMBER OF DIAMOND SEGMENTS FOR IMPROVED CUTTING PERFORMANCE	●	●	●	●	●	●	●	●	●	●	●	●	●	
FAI DC38	38	150	7		PREMIUM	DRY		●	●	●	●	●	●	●	●	●	●	●	●	●	●
FAI DC40	40	150	7		PREMIUM	DRY		●	●	●	●	●	●	●	●	●	●	●	●	●	●
FAI DC45	45	150	7		PREMIUM	DRY		●	●	●	●	●	●	●	●	●	●	●	●	●	●
FAI DC52	52	150	7		PREMIUM	DRY		●	●	●	●	●	●	●	●	●	●	●	●	●	●
FAI DC65	65	150	7		PREMIUM	DRY		●	●	●	●	●	●	●	●	●	●	●	●	●	●
FAI DC78	78	150	7		PREMIUM	DRY		●	●	●	●	●	●	●	●	●	●	●	●	●	●
FAI DC107	107	150	7		PREMIUM	DRY		●	●	●	●	●	●	●	●	●	●	●	●	●	●
FAI DC117	117	150	7		PREMIUM	DRY		●	●	●	●	●	●	●	●	●	●	●	●	●	●
B FAI DC127	127	150	7		PREMIUM	DRY		IMPORTANT ROTARY USE ONLY	●	●	●	●	●	●	●	●	●	●	●	●	●
FAI DC152	152	150	7	PREMIUM	DRY	●	●		●	●	●	●	●	●	●	●	●	●	●	●	


KEY TO APPLICATION GUIDE



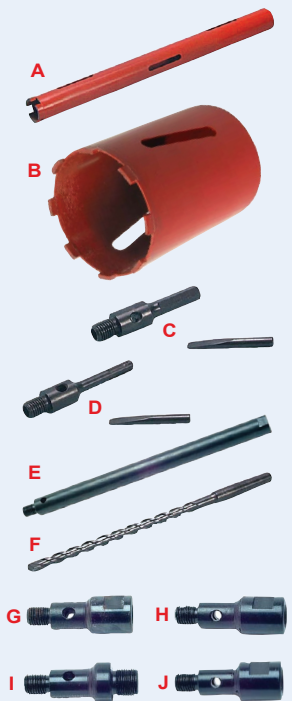
EXCELLENT CUTTING PERFORMANCE WITH OPTIMAL COMBINATION OF LIFE AND CUTTING SPEED



GOOD ALL ROUND CUTTING PERFORMANCE AND TOOL LIFE



OCCASIONAL USE ONLY. EXCESSIVE USE ON ABRASIVE MATERIALS WILL SIGNIFICANTLY REDUCE TOOL LIFE. EXCESSIVE USE IN HARD MATERIALS MAY OVERHEAT THE TOOL AND REDUCE CUTTING PERFORMANCE. TOOL SHARPENING MAY BE REQUIRED



PRODUCT CODE	PRODUCT	CORE BIT DIA mm	CORE BIT LENGTH mm
A FAI DC28	DRY CORE BIT	28mm	300mm
FAI DC38	DRY CORE BIT	38mm	150mm
FAI DC40	DRY CORE BIT	40mm	150mm
FAI DC45	DRY CORE BIT	45mm	150mm
FAI DC52	DRY CORE BIT	52mm	150mm
FAI DC65	DRY CORE BIT	65mm	150mm
FAI DC78	DRY CORE BIT	78mm	150mm
FAI DC107	DRY CORE BIT	107mm	150mm
FAI DC117	DRY CORE BIT	117mm	150mm
B FAI DC127	DRY CORE BIT	127mm	150mm
FAI DC152	DRY CORE BIT	152mm	150mm
C FAI DCHEX	DRY CORE HEX DRIVE & DRIFT PIN		
D FAI DCSDS	DRY CORE SDS DRIVE & DRIFT PIN		
E FAI DCEXT130	DRY CORE EXTENSION 130mm LONG		
FAI DCEXT230	DRY CORE EXTENSION 230mm LONG		
FAI DCEXT330	DRY CORE EXTENSION 330m LONG		
F FAI DCMD	TAPER WEDGE MASONRY DRILL 200mm		
FAI DCDP	SPARE DRIFT PIN		

DIAMOND CORE BITS

A superb range of diamond core bits designed for cutting brickwork and blockwork. Specially formulated diamond segments allow fast and clean unbroken entrance and exit. Less cutting force is required and almost no making good.

Typical applications include Heating, Ventilation, Air Conditioning and most Plumbing applications.

ADAPTORS

- G** PRODUCT CODE FAI DC58UNFF
M16 Male to 5/8" x 16 Female
Enables the Faithfull core drill range to be fitted to DeWalt DW580K and 590K drills.
- H** PRODUCT CODE FAI DCM18F
M16 Male to M18 x 2.5 Female
Converts all DeWalt diamond core extensions for use with Faithfull core drills.
- I** PRODUCT CODE FAI DC12BSPM
M16 Male to 1/2" BSP Male
Enables Faithfull diamond core extensions to be fitted to the complete Marcryst DCU range of diamond core drills.
- J** PRODUCT CODE FAI DC12BSPF
M16 Male to 1/2" BSP Female
Converts most Marcryst diamond core extensions to suit Faithfull core drills.

EXAMPLE OF A FAITHFULL DIAMOND CORE BIT DRILLING A BRICK WALL

