

APPLICATION CHART

Application Bond (segment)		Bond Application Material	Specialist <small>Lowest cost per cut, Maximum blade life and performance.</small>					Professional <small>Lowest cost per cut, Excellent blade life and performance.</small>					Contract <small>Very good blade life and performance.</small>				Trade <small>Good blade life and performance.</small>		Specialist <small>Lowest cost per cut, Maximum blade life and performance.</small>			
			C10 Hard Materials	C30 Medium Hard Materials	C40 Abrasive Materials	AS50 Asphalt over concrete	AS80 Asphalt	SC10 Hard Materials	SC30 General Masonry	SC40 Abrasive Materials	SC80 Asphalt	CR10	LWE10 Hard Materials	LWE30 General Masonry	LWE40 Abrasive Materials	LWE80 Asphalt	RA10 Hard Materials	RA30 General Masonry	MUT5 Multi use	MUS5 Multi use	MM50 Multi use	WARS Multi use
Hard	Soft	Ductile Iron	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	✓✓✓✓	✓✓✓✓	✓✓	✓✓✓✓	
		Metal and Steel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	✓✓✓✓	✓✓✓✓	✓	✓✓✓✓	
		Granite	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓	X	X	✓✓✓✓	✓✓✓	X	X	✓✓	X	✓✓✓✓	✓✓✓✓	✓✓	✓✓✓✓	
		Ceramic Tiles	X	X	X	X	X	X	X	X	✓✓✓✓	X	X	X	X	X	X	X	X	X	X	X
		Engineering Bricks	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓	X	X	✓✓✓	X	X	X	✓✓	X	✓✓✓✓	✓✓✓✓	✓✓	✓✓✓✓	
		Concrete Hard Aggregates	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓	X	X	✓✓✓	X	X	X	✓✓	X	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	
		Clay Pipes	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓	X	X	✓✓✓	X	X	X	✓✓	X	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	
		Clay Pavours	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓	X	X	✓✓✓	X	X	X	✓✓	X	✓✓✓✓	✓✓✓✓	✓✓	✓✓✓✓	
		Clay Roof Tiles	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓	X	X	✓✓✓	X	X	X	✓✓	X	✓✓✓✓	✓✓✓✓	✓✓	✓✓✓✓	
		Hard Pavours	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓✓	X	X	✓✓✓	X	X	X	✓✓	X	✓✓✓✓	✓✓✓✓	✓✓	✓✓✓✓	
		Hard Facing Bricks	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓✓	X	X	✓✓✓	✓	X	X	✓✓	X	✓✓✓✓	✓✓✓✓	✓✓	✓✓✓✓	
		Reinforced Concrete Lintels	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓✓	X	X	✓✓✓	✓✓	X	X	✓✓	✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	
		Hard	Hard	Cured Concrete	✓✓✓✓	✓✓	X	X	X	✓✓✓✓	✓✓	X	X	X	✓✓✓	✓✓	X	X	✓✓	✓	✓✓✓✓	✓✓✓✓
Concrete Paving Slabs	✓✓✓✓			✓✓✓✓	X	X	X	✓✓✓	✓✓✓	X	X	X	✓✓	✓✓	X	X	✓	✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓
Concrete Pipes & Kerbs	✓✓✓✓			✓✓✓✓	X	X	X	✓✓✓	✓✓✓✓	X	X	X	✓✓	✓✓✓	X	X	✓	✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓
Medium Facing Bricks	✓✓✓			✓✓✓✓	✓	X	X	✓✓	✓✓✓✓	✓	X	X	✓	✓✓✓	✓	X	X	✓✓	✓✓✓	✓✓✓	✓✓✓✓	✓✓
Hard Sandstones	✓✓			✓✓✓✓	✓✓✓	X	X	✓	✓✓✓✓	✓✓	X	X	X	✓✓✓	✓✓	X	X	✓✓	✓✓	✓✓	✓✓✓✓	✓✓
Slate	✓✓			✓✓✓✓	✓✓✓	X	X	✓	✓✓✓✓	✓✓	X	X	X	✓✓✓	✓✓	X	X	✓✓	✓✓	✓✓	✓✓✓✓	✓✓
Limestone Concrete	✓✓			✓✓✓✓	✓✓✓	X	X	✓	✓✓✓✓	✓✓	X	X	X	✓✓✓	✓✓	X	X	✓✓	✓✓	✓✓	✓✓✓✓	✓✓
Medium Block Pavours	✓✓			✓✓✓✓	✓✓✓	X	X	✓	✓✓✓✓	✓✓	X	X	X	✓✓✓	✓✓	X	X	✓✓	✓✓	✓✓	✓✓✓✓	✓✓
Concrete Tiles	✓			✓✓✓✓	✓✓✓✓	X	X	X	✓✓✓	✓✓	X	X	X	✓✓	✓✓	X	X	✓	✓	✓	✓✓✓	✓
Soft	Hard			Medium Sandstone	✓	✓✓✓	✓✓✓✓	✓✓✓	✓✓✓	X	✓✓	✓✓✓✓	✓	X	X	✓✓	✓✓✓	✓	X	✓	✓	✓✓
		Gritstone	X	✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	X	✓	✓✓✓✓	✓	X	X	✓	✓✓✓	✓	X	X	X	✓✓	X	
		Asphalt Over Concrete	X	X	✓✓✓✓	✓✓✓✓	✓✓✓✓	X	X	✓✓✓✓	✓✓	X	X	✓✓✓	✓	X	X	X	X	✓✓✓✓	X	
		Breeze Blocks	X	X	✓✓✓✓	✓✓✓✓	✓✓✓✓	X	X	✓✓✓✓	✓✓✓	X	X	✓✓✓	✓✓	X	X	X	X	✓✓✓✓	X	
		Top Blocks	X	X	✓✓✓✓	✓✓✓✓	✓✓✓✓	X	X	✓✓✓✓	✓✓✓	X	X	✓✓✓	✓✓	X	X	X	X	✓✓✓✓	X	

✓✓✓✓✓ Highest Performance - Maximum Cutting Speed and Life.
 ✓✓✓✓ High Performance - Excellent Cutting Speed and Life.
 ✓✓✓ Good Performance - Good Cutting Speed and Life.
 ✓✓ Recommended - Reasonable Cutting Speed and Life.
 ✓ Acceptable - Marginal Cutting Speed and Life.
 X Not Suitable.

If cutting speed slows down or stops and the segments have not worn away, expose new diamonds by running the blade through an abrasive material such as sandstone. If the problem persists choose a blade with a softer bond (Cutting Segment).
 If the blade you have selected has premature segment wear choose a blade with a harder bond (Cutting Segment).