

DIAMOND TOOLS APPLICATION GUIDE

	ASPHALT	ASPHALT OVER CONCRETE	BRICKS - CLASS A ENGINEERING	BRICKS - CLASS B ENGINEERING	BRICKS - STANDARD FACING BRICKS	CLAY PRODUCTS	CONCRETE - BEAMS, KERBS, PIPES & SLABS	CONCRETE - BLOCK PAVIOURS	CONCRETE - FLINT AGGREGATE	CONCRETE - GREEN	CONCRETE - HEAVY STEEL REINFORCEMENT	CONCRETE - LIGHT STEEL REINFORCEMENT	CONCRETE - ROOF TILES	CONCRETE BLOCKS - LIGHTWEIGHT 3 TO 7 NEWTON	CONCRETE BLOCKS - MEDIUM DENSITY 7 TO 12 NEWTON	CONCRETE BLOCKS - SOLID DENSITY 12+ NEWTON	CEMENT SCREED	EXTERIOR PORCELAIN	GRANITE - BLOCKS & WORKTOPS	LIMESTONE	MORTAR RAKING	SANDSTONE - ABRASIVE & GRITSTONE	SANDSTONE - INDIAN	TILES - CERAMIC	TILES - GRANITE	TILES - INTERIOR PORCELAIN	TILES - NATURAL STONE	WOOD	YORK STONE		
DIAMOND BLADES																															
STB-10																															
STT-10																															
STC-15																															
STA-12																															
STPT-8																															
STM-10																															
DIAMOND DRILLING																															
STDC-10																															
ST-DC-12																															
ST-PWD																															

- IDEALLY SUITED
- OCCASIONAL USE
- UNSUITABLE

ASK THE QUESTIONS...

- 1) What material is the customer cutting/drilling?
- 2) Type of machine?
- 3) How much to be cut/drilled?

REMEMBER...

- 1) High quality blades/cores are actually cheaper to use because they cut quicker and last longer
- 2) A dust control water tank should always be used with petrol disc cutters



SDS-MAX DRILL BITS APPLICATION GUIDE

ST-SDSM DRILL BITS	
	ST4
ASPHALT	
ASPHALT OVER CONCRETE	
CAST CONCRETE	
CEMENT SCREED	
CHALK STONE	
CONCRETE - BEAMS, KERBS, PIPES & SLABS	
CONCRETE BLOCK PAVIOURS	
CONCRETE LINTELS	
CONCRETE PIPES	
COTSWOLD STONE	

	ST4
ENGINEERING BRICKS	
EXTERIOR RENDER	
FACING BRICKS	
FLINT AGGREGATE CONCRETE	
GREEN CONCRETE	
LIMESTONE	
MORTAR	
REINFORCED CONCRETE	
SANDSTONE - ABRASIVE & GRITSTONE	
YORK STONE	

SDS-PLUS DRILL BITS APPLICATION GUIDE

ST-SDSP DRILL BITS			
	ST2	ST4	
ASPHALT			
ASPHALT OVER CONCRETE			
CAST CONCRETE			
CEMENT SCREED			
CHALK STONE			
CONCRETE - BEAMS, KERBS, PIPES & SLABS			
CONCRETE BLOCK PAVIOURS			
CONCRETE LINTELS			
CONCRETE PIPES			
COTSWOLD STONE			

	ST2	ST4
ENGINEERING BRICKS		
EXTERIOR RENDER		
FACING BRICKS		
FLINT AGGREGATE CONCRETE		
GREEN CONCRETE		
LIMESTONE		
MORTAR		
REINFORCED CONCRETE		
SANDSTONE - ABRASIVE & GRITSTONE		
YORK STONE		



TCT SAW BLADE APPLICATION GUIDE

		ALUMINIUM	CHIPBOARD	COMPOSITE CLADDING & PANELS	COMPOSITE DECKING	FIBRE CEMENT BOARD	HARDWOOD	HARDBOARD	VENEERED BOARD	LAMINATED FLOORING	MDF	MILD STEEL	NAIL EMBEDDED WOOD	NON-FERROUS METALS	PARTIAL BOARDS	PLASTER BOARD	PLASTIC	PLYWOOD	SOFTWOOD	TIMBER DECKING	
ST-TRIM	CUT																				
GT10705	136 X 1.6 X 1.0 X 20MM 24 TEETH																				
GT10710	165 X 1.6 X 1.0 X 20MM 24 TEETH																				
GT10715	165 X 1.6 X 1.0 X 20MM 40 TEETH																				
GT10720	165 X 1.6 X 1.0 X 20MM 52 TEETH																				
GT10725	190 X 1.6 X 1.0 X 30MM 24 TEETH																				
GT10726	190 X 1.6 X 1.0 X 30MM 40 TEETH																				
GT10728	190 X 1.6 X 1.0 X 30MM 60 TEETH																				
ST-PLUNGE	CUT																				
GT11075	140 X 1.8 X 1.3 X 20MM 42 TEETH																				
GT11079	160 X 2.2 X 1.6 X 20MM 24 TEETH																				
GT11080	160 X 2.2 X 1.6 X 20MM 48 TEETH																				
GT11082	165 X 2.2 X 1.6 X 20MM 24 TEETH																				
GT11083	165 X 2.2 X 1.6 X 20MM 48 TEETH																				
GT11085	210 X 2.4 X 1.6 X 30MM 60 TEETH																				
ST-CORD	CUT																				
GT10750	165 X 2.4 X 1.4 X 20MM 40 TEETH																				
GT10755	184 X 2.6 X 1.6 X 16MM 40 TEETH																				
GT10760	184 X 2.6 X 1.6 X 30MM 24 TEETH																				
GT10765	184 X 2.6 X 1.6 X 30MM 40 TEETH																				
GT10770	184 X 2.6 X 1.6 X 30MM 60 TEETH																				
GT10775	190 X 2.6 X 1.6 X 30MM 24 TEETH																				
GT10780	190 X 2.6 X 1.6 X 30MM 40 TEETH																				
GT10782	190 X 2.6 X 1.6 X 30MM 60 TEETH																				
GT10785	210 X 2.6 X 1.6 X 30MM 40 TEETH																				
GT10790	235 X 2.8 X 1.8 X 30MM 24 TEETH																				
GT10795	235 X 2.8 X 1.8 X 30MM 40 TEETH																				
GT10800	250 X 2.8 X 1.8 X 30MM 40 TEETH																				
ST-ALL	CUT																				
GT11013	160 X 2.6 X 1.6 X 20MM 56 TEETH																				
GT11014	190 X 2.6 X 1.6 X 20MM 60 TEETH																				
GT11015	190 X 2.6 X 1.8 X 30MM 60 TEETH																				
GT11025	215 X 2.6 X 1.8 X 30MM 60 TEETH																				
GT11027	215 X 2.6 X 1.6 X 30MM 80 TEETH																				
GT11030	250 X 2.8 X 2.0 X 30MM 80 TEETH																				
GT11035	300 X 3.0 X 2.2 X 30MM 100 TEETH																				

- IDEALLY SUITED
- OCCASIONAL USE
- UNSUITABLE

		ALUMINIUM	CHIPBOARD	COMPOSITE CLADDING & PANELS	COMPOSITE DECKING	FIBRE CEMENT BOARD	HARDWOOD	HARDBOARD	VENEERED BOARD	LAMINATED FLOORING	MDF	MILD STEEL	NAIL EMBEDDED WOOD	NON-FERROUS METALS	PARTIAL BOARDS	PLASTER BOARD	PLASTIC	PLYWOOD	SOFTWOOD	TIMBER DECKING	
ST-MITRE	CUT																				
GT10835	190 X 1.9 X 1.4 X 20MM 24 TEETH																				
GT10837	190 X 1.9 X 1.4 X 20MM 48 TEETH																				
GT10838	190 X 1.9 X 1.4 X 20MM 60 TEETH																				
GT10847	216 X 1.7 X 1.2 X 30MM 24 TEETH																				
GT10848	216 X 1.7 X 1.2 X 30MM 48 TEETH																				
GT10855	216 X 2.6 X 1.6 X 30MM 40 TEETH																				
GT10860	216 X 2.6 X 1.6 X 30MM 60 TEETH																				
GT10862	250 X 2.1 X 1.6 X 30MM 24 TEETH																				
GT10863	250 X 2.1 X 1.6 X 30MM 48 TEETH																				
GT10864	250 X 2.1 X 1.6 X 30MM 80 TEETH																				
GT10876	260 X 2.5 X 2.0 X 30MM 24 TEETH																				
GT10877	260 X 2.5 X 2.0 X 30MM 48 TEETH																				
GT10878	260 X 2.5 X 2.0 X 30MM 80 TEETH																				
GT10884	305 X 2.5 X 1.8 X 30MM 40 TEETH																				
GT10885	305 X 3.0 X 2.0 X 30MM 60 TEETH																				
GT10887	305 X 2.5 X 1.8 X 30MM 40 TEETH																				
GT10890	305 X 3.0 X 2.0 X 30MM 80 TEETH																				
ST-STEEL	CUT																				
GT11040	136 X 1.5 X 1.2 X 20MM 30 TEETH																				
GT11041	150 X 1.5 X 1.2 X 20MM 32 TEETH																				
GT11042	165 X 1.5 X 1.2 X 20MM 40 TEETH																				
ST-PCD	CUT																				
GT30002	115 X 1.6 X 1.2 X 9.53MM 4 TEETH																				
GT30005	160 X 1.8 X 1.4 X 20MM 4 TEETH																				
GT30010	184 X 2.4 X 1.8 X 30MM 4 TEETH																				
GT30012	190 X 2.4 X 1.8 X 30MM 4 TEETH																				
GT30015	215 X 2.4 X 1.8 X 30MM 6 TEETH																				
GT30017	230 X 2.4 X 1.8 X 30MM 6 TEETH																				
GT30019	250 X 2.4 X 1.8 X 30MM 6 TEETH																				
GT30022	300 X 2.4 X 1.8 X 30MM 6 TEETH																				





BI-METAL HOLE SAW APPLICATION GUIDE AND RPM RECOMMENDATIONS

Table with 17 columns: PRODUCT, MM, INCH, ALUMINIUM (RPM), BRASS (RPM), CAST IRON (RPM), CERAMIC (RPM), CHIPBOARD (RPM), COPPER (RPM), FIBREGLASS (RPM), GLASS (RPM), HARDWOOD (RPM), LAMINATED PRODUCTS (RPM), MASONRY (RPM), MDF (RPM), MILD STEEL (RPM), NAIL EMBEDDED WOOD (RPM), PLASTERBOARD (RPM), PLASTIC (RPM), PLYWOOD (RPM), PORCELAIN (RPM), SOFTWOOD (RPM), STAINLESS STEEL (RPM). Rows include products GT40720 to GT40749.

- IDEALLY SUITED
OCCASIONAL USE
UNSUITABLE

Table with 17 columns: PRODUCT, MM, INCH, ALUMINIUM (RPM), BRASS (RPM), CAST IRON (RPM), CERAMIC (RPM), CHIPBOARD (RPM), COPPER (RPM), FIBREGLASS (RPM), GLASS (RPM), HARDWOOD (RPM), LAMINATED PRODUCTS (RPM), MASONRY (RPM), MDF (RPM), MILD STEEL (RPM), NAIL EMBEDDED WOOD (RPM), PLASTERBOARD (RPM), PLASTIC (RPM), PLYWOOD (RPM), PORCELAIN (RPM), SOFTWOOD (RPM), STAINLESS STEEL (RPM). Rows include products GT40750 to GT40778.





RECIPROCATING SAW BLADES APPLICATION GUIDE

		ALUMINIUM	CAST IRON	CHIPBOARD	CONSTRUCTION TIMBER	EPOXY	GLASS FIBRE REINFORCED PLASTIC (GRP)	LIGHTWEIGHT BUILDING BLOCKS	MEDIUM DENSITY FIBRE BOARD	NAIL EMBEDDED WOOD	NON FERROUS METALS (COPPER, ZINC, LEAD)	PLASTIC	PLYWOOD	SCAFFOLD BOARD - CLEAN	SCAFFOLD BOARD - METAL EMBEDDED (INC. END STRAPS)	SCAFFOLD TUBE - GALVANISED (ALL THICKNESSES)	STEEL SECTION (PIPE, ANGLE, BOX)	TREE PRUNING/ GREEN WOOD	WOOD - CLEAN HARDWOOD	WOOD - CLEAN SOFTWOOD	
METAL CUTTING	SIMILAR TO																				
GT42043	S922BF	Green					Orange										Green	Green			
GT42044	S922EF	Green					Orange				Green	Orange					Orange	Green			
GT42034	S926CHF	Green	Green														Green	Green			
GT42037	S123XF	Green					Orange				Green						Green	Green			
GT42031	S1122BF									Green							Green	Green			
GT42032	S1122EF									Green							Orange	Green			
GT42030	S1122AF									Green							Green	Green			
GT42035	S1126CHF		Green														Green	Green			
WOOD CUTTING																					
GT42042	S644D			Green	Green				Green				Green	Green							Green
GT42040	S2345X			Green	Green				Green				Green	Green							Green
GT42038	S1531L				Green																Green
WOOD & METAL CUTTING																					
GT42045	S922HF									Green		Green									
GT42041	S3456XF	Green		Green	Green				Green		Green		Green	Green							Green
GT42033	S1122HF									Green		Green									
GT42036	S1222VF									Green		Green									
GT42046	S1411DF			Green	Green		Green			Green		Green	Green	Green							Green
SPECIALIST																					
GT42039	S1543HM							Green													
GT42047	S927BEF		Green							Orange				Orange	Orange	Green	Green				

MULTI CONSTRUCTION DRILL BITS APPLICATION GUIDE

■ IDEALLY SUITED
■ OCCASIONAL USE
 UNSUITABLE

MATERIALS	RPM LOW/HIGH	ROTARY/IMPACT MODE	SUITABILITY
Aluminium	High	Rotary Only	Very Good
Bricks (Facing)	High	Rotary or Impact	Very Good
Cast Iron	Low	Rotary Only	Occasional
Ceramic Tiles	High	Rotary Only	Very Good
Chipboard	High	Rotary Only	Good
Concrete (Inc. Lintels)	High	Rotary or Impact	Good
Concrete Blocks	High	Rotary or Impact	Very Good
Construction Timber	High	Rotary Only	Very Good
Engineering Bricks		Unsuitable	
Fibre Glass	High	Rotary Only	Good
Fibre Cement Board	High	Rotary Only	Good
Glass		Unsuitable	
Hardwood	High	Rotary Only	Good
Laminated Products	High	Rotary Only	Good
Marble	High	Rotary Or Impact	Very Good
MDF	High	Rotary Only	Good
Natural Stone	High	Rotary Or Impact	Good
Non-Ferrous Metals	High	Rotary Only	Good
Plastics (PVC, PE, PS, PP, PC & Composites)	High	Rotary Only	Very Good
Plywood	High	Rotary Only	Very Good
Porcelain Tiles		Unsuitable	
Softwood	High	Rotary Only	Very Good
Stainless Steel		Unsuitable	
Steel Sheet/ Profiles <3mm Thick	Low	Rotary Only	Occasional

