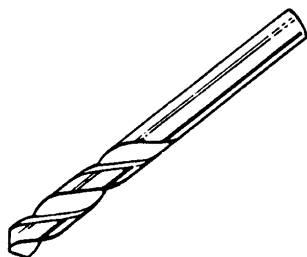


143.746 to 750

SOLID CARBIDE PCB DRILLS AND ROUTERS

SOLID CARBIDE CIRCUIT BOARD DRILLS

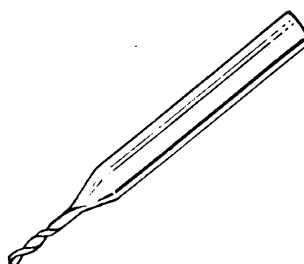


A SERIES

Overall length: 38mm

Flute length: 0.5 8mm
 0.55-0.60 9mm
 0.65-0.70 10mm
 0.75-0.80 12mm
 0.85-0.90 14mm
 0.95-3.00 16mm

Helix angle: 30°



B SERIES

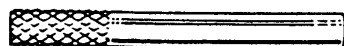
Shank diameter: 3.17mm (1/8")

Overall length: 38mm (1 1/2")

Flute length: 0.45 4mm
 0.50-0.55 5mm
 0.60-0.65 6mm
 0.70-1.25 10mm
 1.30-3.175 12mm

Helix angle: 35°

Metric Dia.	Imperial Dia.	Product Ref.	A Series	Product Ref.	B Series
0.40	0158	—		13-111001-1	
0.45	0177	—		13-111002-1	
0.50	0197	13-111003		13-111003-1	
0.55	0217	13-111004		13-111004-1	
0.60	0236	13-111005		13-111005-1	
0.65	0256	13-111006		13-111006-1	
0.70	0276	13-111007		13-111007-1	
0.75	0295	13-111008		13-111008-1	
0.80	0315	13-111009		13-111009-1	
0.85	0335	13-111010		13-111010-1	
0.90	0354	13-111011		13-111011-1	
0.95	0374	13-111012		13-111012-1	
1.00	0394	13-111013		13-111013-1	
1.05	0413	13-111014		13-111014-1	
1.10	0433	13-111015		13-111015-1	
1.15	0453	13-111016		13-111016-1	
1.20	0472	13-111017		13-111017-1	
1.25	0492	13-111018		13-111018-1	
1.30	0512	13-111019		13-111019-1	
1.35	0532	13-111020		13-111020-1	
1.40	0551	13-111021		13-111021-1	
1.45	0571	13-111022		13-111022-1	
1.50	0591	13-111023		13-111023-1	
1.55	0610	13-111024		13-111024-1	
1.60	0630	13-111025		13-111025-1	
1.65	0650	13-111026		13-111026-1	
1.70	0670	13-111027		13-111027-1	
1.75	0690	13-111028		13-111028-1	
1.80	0709	13-111029		13-111029-1	
1.85	0728	13-111030		13-111030-1	
1.90	0748	13-111031		13-111031-1	
1.95	0768	13-111032		13-111032-1	
2.00	0787	13-111033		13-111033-1	
2.10	0827	13-111034		13-111034-1	
2.20	0866	13-111035		13-111035-1	
2.30	0906	13-111036		13-111036-1	
2.40	0945	13-111037		13-111037-1	
2.50	0984	13-111038		13-111038-1	
2.60	1024	13-111039		13-111039-1	
2.70	1063	13-111040		13-111040-1	
2.80	1102	13-111041		13-111041-1	
2.90	1142	13-111042		13-111042-1	
3.00	1181	13-111043		13-111043-1	
3.175	1250	—		13-111057	



STYLE A
NO END CUT



STYLE B
135° DRILL POINT

FIBRE GLASS ROUTERS

DIAMOND CUT FOR PHENOLIC - EPOXY GLASS MATERIALS

Head dia.	Flute length	Shank dia.	Overall length	Product Ref.	Style A	Product Ref.	Style B
1/16"	3/16"	1/8"	1 1/2"	13-111044		13-111044-1	
1/8"	1/2"	1/8"	1 1/2"	13-111045		13-111045-1	
3/16"	5/8"	3/16"	2"	13-111046		13-111046-1	
1/4"	5/8"	1/4"	2"	13-111047		13-111047-1	