

Type

**1700 / 1760**

## Router - DIAMOND COATED - Chip Breaker Extra Fine

Applications / Advantages:

- Routing of inner and outer contours as well as for depanelizing of assembled PCB
- Ideally suited for routing halogen free material, high Tg up to 185° C and laminate with fillers
- Significantly reduced burr formation and improved surface quality
- Very high dimensional accuracy and process capability due to extremely rigid geometry



Diamond Coating - Made in Germany

Size mm	Diameter inch	Flute Length			
		mm	inch	mm	inch
.40	.0157	-	-	3.5	.137
.50	.0197	2.2	.087	2.5	.098
.60	.0236	3.0	.118	4.0	.157
.70	.0276	3.5	.137	-	-
.80	.0315	-	-	5.0	.196
.90	.0354	-	-	5.0	.196
1.00	.0394	5.2	.204	6.5	.255
1.10	.0433	-	-	6.5	.255
1.20	.0472	6.0	.236	7.0	.276
1.30	.0512	-	-	7.0	.276
1.40	.0551	-	-	7.0	.276
1.50	.0591	7.5	.295	8.5	.335
1.60	.0630	7.5	.295	8.5	.335
1.70	.0689	-	-	8.5	.335
1.80	.0709	7.5	.295	8.5	.335
1.90	.0748	-	-	8.5	.335
2.00	.0787	9.0	.354	10.0	.394
2.10	.0827	9.0	.354	-	-
2.20	.0866	9.0	.354	10.0	.394
2.30	.0906	9.0	.354	-	-
2.40	.0945	9.0	.354	10.0	.394
2.50	.0986	9.0	.354	-	-
2.55	.1004	9.0	.354	-	-
2.60	.1024	9.0	.354	-	-
2.80	.1102	9.0	.354	-	-
3.00	.1181	-	-	10.0	.394
3.175	.1250	-	-	10.0	.394

\* Additional sizes and flute lengths made to order.

Geometry: 1700

- Right hand spiral, right hand cut (up cut)
- Fishtail end style
- Shank diameter .1250" and over-all-length 1.500
- Tolerance according to router specifications
- Made of solid carbide

Geometry: 1760

- Downcut design
- Same data as 1700
- Not available in all sizes

**Manufactured by:**

GCT, GmbH  
 Josef-Bayer-Srt.3  
 D-88250 Weingarten  
 Germany  
 Rev-02/2015

Tel.: +49-(0) 751- 50 91 58 0  
 Fax: +49-(0) 751-50 91 58 99  
 E-Mail: [info@gctool.com](mailto:info@gctool.com)  
[www.gctool.com](http://www.gctool.com)  
 Subject to technical changes

**Distributed by:**

Carbide Related Technologies, Inc.  
 355 Sackett Point Road, #5  
 North Haven, CT 06473  
 T-203-281-1266 F-203-248-9331  
[www.carbiderelatedtech.com](http://www.carbiderelatedtech.com)  
[sales@carbiderelatedtech.com](mailto:sales@carbiderelatedtech.com)