

GENERAL PURPOSE

Solid Carbide Diamond Cut Routers



FEATURES/DESCRIPTION		APPLICATION	FEATURES																																							
Diamond Cut Routers <ul style="list-style-type: none"> Multiple end-types available Diamond-cut flute geometry for maximum cutting action Ideal for printed circuit boards, plastics, epoxy resins, and various composite materials Shank Tol.: +0/-0.0005" 																																										
<table border="1"> <thead> <tr> <th colspan="3">STEEL</th> <th colspan="2">STAINLESS</th> <th colspan="2">CAST IRON</th> <th colspan="2">NON-FERROUS</th> <th colspan="2">HBSA</th> <th colspan="2">HARDENED STEEL</th> </tr> <tr> <th>P1</th> <th>P2</th> <th>P3</th> <th>M1</th> <th>M2</th> <th>K1</th> <th>K2</th> <th>N1</th> <th>N2</th> <th>S1</th> <th>S2</th> <th>H1</th> <th>H2</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>○</td> <td>○</td> <td></td> <td></td> <td>○</td> <td></td> </tr> </tbody> </table>		STEEL			STAINLESS		CAST IRON		NON-FERROUS		HBSA		HARDENED STEEL		P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2								○	○			○			
STEEL			STAINLESS		CAST IRON		NON-FERROUS		HBSA		HARDENED STEEL																															
P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2																														
							○	○			○																															

● Best ○ Good

Series 780 DCR | Style A-F

Style A - No End Cut	Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	EDP
Edge Routing / Finishing					
	1/16	3/16	1-1/2	1/8	780-001001
	3/32	3/8	1-1/2	1/8	780-001010
	1/8	1/2	1-1/2	1/8	780-001020
	1/8	7/16	1-1/2	1/8	780-001022
	3/16	5/8	2	3/16	780-001030
	3/16	5/8	2	1/4	780-001040
	1/4	3/4	2	1/4	780-001050
	1/4	3/4	2-1/2	1/4	780-001060
	1/4	1	3	1/4	780-001070
	5/16	1	2-1/2	5/16	780-001080
	3/8	1	2-1/2	3/8	780-001090
	1/2	1	3	1/2	780-001100
Style B - Burr End Cut	Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	EDP
Grooving / Bottom Cutting					
	1/16	3/16	1-1/2	1/8	781-001001
	3/32	3/8	1-1/2	1/8	781-001010
	3/32	5/16	1-1/2	1/8	781-001012
	1/8	1/2	1-1/2	1/8	781-001020
	1/8	7/16	1-1/2	1/8	781-001022
	3/16	5/8	2	3/16	781-001030
	3/16	5/8	2	1/4	781-001040
	1/4	3/4	2	1/4	781-001050
	1/4	3/4	2-1/2	1/4	781-001060
	1/4	1	3	1/4	781-001070
	5/16	1	2-1/2	5/16	781-001080
	3/8	1	2-1/2	3/8	781-001090
	1/2	1	3	1/2	781-001100
Style C - End Mill Style	Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	EDP
Grooving / Bottom Cutting					
	1/16	3/16	1-1/2	1/8	782-001001
	3/32	3/8	1-1/2	1/8	782-001010
	3/32	5/16	1-1/2	1/8	782-001012
	1/8	1/2	1-1/2	1/8	782-001020
	1/8	7/16	1-1/2	1/8	782-001022
	3/16	5/8	2	3/16	782-001030
	3/16	5/8	2	1/4	782-001040
	1/4	3/4	2	1/4	782-001050
	1/4	3/4	2-1/2	1/4	782-001060
	1/4	1	3	1/4	782-001070
	5/16	1	2-1/2	5/16	782-001080
	3/8	1	2-1/2	3/8	782-001090
	1/2	1	3	1/2	782-001100

*bold numbers are EDPs for ordering

INTRO

MILLING



SPECIALTY

HOLEMAKING

THREADING

INSERTS

Series 780 DCR | Style A-F

Style D - Drill Point	Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	EDP
 <p>Plunge Feeding - 135° Drill Point</p>	1/16	3/16	1-1/2	1/8	783-001001
	3/32	3/8	1-1/2	1/8	783-001010
	3/32	5/16	1-1/2	1/8	783-001012
	1/8	1/2	1-1/2	1/8	783-001020
	1/8	7/16	1-1/2	1/8	783-001022
	3/16	5/8	2	3/16	783-001030
	3/16	5/8	2	1/4	783-001040
	1/4	3/4	2	1/4	783-001050
	1/4	3/4	2-1/2	1/4	783-001060
	1/4	1	3	1/4	783-001070
	5/16	1	2-1/2	5/16	783-001080
	3/8	1	2-1/2	3/8	783-001090
	1/2	1	3	1/2	783-001100
Style F - Fishtail End	Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	EDP
 <p>Plunge Feeding</p>	1/16	3/16	1-1/2	1/8	784-001001
	3/32	3/8	1-1/2	1/8	784-001010
	1/8	1/2	1-1/2	1/8	784-001020
	3/16	5/8	2	3/16	784-001030
	3/16	5/8	2	1/4	784-001040
	1/4	3/4	2	1/4	784-001050
	1/4	3/4	2-1/2	1/4	784-001060
	1/4	1	3	1/4	784-001070
	5/16	1	2-1/2	5/16	784-001080
	3/8	1	2-1/2	3/8	784-001090
	1/2	1	3	1/2	784-001100

*bold numbers are EDPs for ordering

Popular Custom Specialty Options

- Longer lengths
- Variety of enhanced PVD tool coatings
- Special diameters for some series available

**CUSTOM
COMES
STANDARD**

