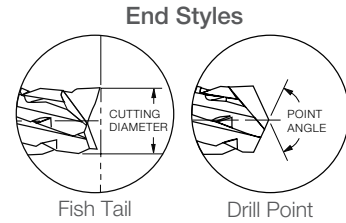


UP CUT

DIAMOND PATTERN ROUTER BITS
CFRP, FIBERGLASS, AND COMPOSITE MATERIALS

1/32" - 1/4" DIAMETER
Sub Micron Grain Carbide
Chips Exhausted Upwards
DLC is Amorphous Diamond



UP CUT (Inch Sizes)

Uncoated		DLC* Coating		CVD Diamond		Dimensions (in)				End Style
Part Number	Stock	Part Number	Stock	Part Number	Stock	ØD	Ød	L1	L2	
2120-0312.255F	●	2120-0312D255F	●	2120-0312V255F	●	1/32	1/8	1 1/2	0.255	Fish Tail
2120-0312.255D	●	2120-0312D255D	●	2120-0312V255D	●	1/32	1/8	1 1/2	0.255	Drill Point
2120-0469.255F	●	2120-0469D255F	●	2120-0469V255F	●	3/64	1/8	1 1/2	0.255	Fish Tail
2120-0469.255D	●	2120-0469D255D	●	2120-0469V255D	●	3/64	1/8	1 1/2	0.255	Drill Point
2120-0625.255F	●	2120-0625D255F	●	2120-0625V255F	●	1/16	1/8	1 1/2	0.255	Fish Tail
2120-0625.255D	●	2120-0625D255D	●	2120-0625V255D	●	1/16	1/8	1 1/2	0.255	Drill Point
2120-0938.395F	●	2120-0938D395F	●	2120-0938V395F	●	3/32	1/8	1 1/2	0.395	Fish Tail
2120-0938.395D	●	2120-0938D395D	●	2120-0938V395D	●	3/32	1/8	1 1/2	0.395	Drill Point
2120-1250.500F	●	2120-1250D500F	●	2120-1250V500F	●	1/8	1/8	1 1/2	0.500	Fish Tail
2120-1250.500D	●	2120-1250D500D	●	2120-1250V500D	●	1/8	1/8	1 1/2	0.500	Drill Point
2120-1875.2625F	●	2120-1875D2625F	●	2120-1875V2625F	●	3/16	3/16	2	0.625	Fish Tail
2120-1875.2625D	●	2120-1875D2625D	●	2120-1875V2625D	●	3/16	3/16	2	0.625	Drill Point
2120-2500.2750F	●	2120-2500D2750F	●	2120-2500V2750F	●	1/4	1/4	2	0.750	Fish Tail
2120-2500.2750D	●	2120-2500D2750D	●	2120-2500V2750D	●	1/4	1/4	2	0.750	Drill Point
2120-2500.3750F	●	2120-2500D3750F	●	2120-2500V3750F	●	1/4	1/4	2 1/2	0.750	Fish Tail
2120-2500.3750D	●	2120-2500D3750D	●	2120-2500V3750D	●	1/4	1/4	2 1/2	0.750	Drill Point
2120-2500.4100F	●	2120-2500D4100F	●	2120-2500V4100F	●	1/4	1/4	3	1.000	Fish Tail
2120-2500.4100D	●	2120-2500D4100D	●	2120-2500V4100D	●	1/4	1/4	3	1.000	Drill Point

*DLC is Amorphous Diamond

- L SOLID TOOLS
- DRILLS
- END MILLS
- ROUTERS
- THREAD MILLS & TAPS
- ENGRAVERS
- BORING BARS
- REAMERS
- TECHNICAL

SERIES 2120 WORKPIECE MATERIAL

Coating	P Steel ~30HRC	P Steel 30-40HRC	H Hardened Steel ~55HRC	H Hardened Steel ~68HRC	M Stainless Steel	K Cast Iron	N Aluminum	N Graphite	N Copper Alloy	N Brass	N CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
CVD Diamond							☆	★			★					
DLC							☆	☆			☆					
Uncoated							☆		★	★	★	☆	☆	☆		

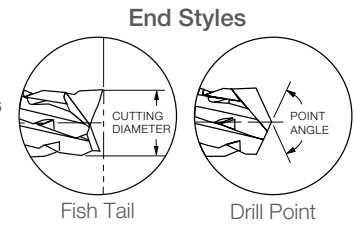
★ : Priority ☆ : Applicable Materials

Symbol Descriptions Page L3

UP CUT

DIAMOND PATTERN ROUTER BITS
CFRP, FIBERGLASS, AND COMPOSITE MATERIALS

0.80mm - 8.00mm DIAMETER
Sub Micron Grain Carbide
Chips Exhausted Upwards
DLC is Amorphous Diamond



UP CUT (Metric Sizes)

Uncoated		DLC* Coating		CVD Diamond		Dimensions (mm)				End Style
Part Number	Stock	Part Number	Stock	Part Number	Stock	ØD	Ød ^{h6}	L1	L2	
2120-0315.157F	●	2120-0315D157F	●	2120-0315V157F	●	0.80	3.00	38.00	4.00	Fish Tail
2120-0315.157D	●	2120-0315D157D	●	2120-0315V157D	●	0.80	3.00	38.00	4.00	Drill Point
2120-0394.197F	●	2120-0394D197F	●	2120-0394V197F	●	1.00	3.00	38.00	5.00	Fish Tail
2120-0394.197D	●	2120-0394D197D	●	2120-0394V197D	●	1.00	3.00	38.00	5.00	Drill Point
2120-0591.315F	●	2120-0591D315F	●	2120-0591V315F	●	1.50	3.00	38.00	8.00	Fish Tail
2120-0591.315D	●	2120-0591D315D	●	2120-0591V315D	●	1.50	3.00	38.00	8.00	Drill Point
2120-0787.354F	●	2120-0787D354F	●	2120-0787V354F	●	2.00	3.00	38.00	9.00	Fish Tail
2120-0787.354D	●	2120-0787D354D	●	2120-0787V354D	●	2.00	3.00	38.00	9.00	Drill Point
2120-1181.472F	●	2120-1181D472F	●	2120-1181V472F	●	3.00	3.00	38.00	12.00	Fish Tail
2120-1181.472D	●	2120-1181D472D	●	2120-1181V472D	●	3.00	3.00	38.00	12.00	Drill Point
2120-1575.591F	●	2120-1575D591F	●	2120-1575V591F	●	4.00	4.00	40.00	15.00	Fish Tail
2120-1575.591D	●	2120-1575D591D	●	2120-1575V591D	●	4.00	4.00	40.00	15.00	Drill Point
2120-1968.787F	●	2120-1968D787F	●	2120-1968V787F	●	5.00	5.00	50.00	20.00	Fish Tail
2120-1968.787D	●	2120-1968D787D	●	2120-1968V787D	●	5.00	5.00	50.00	20.00	Drill Point
2120-2362.787F	●	2120-2362D787F	●	2120-2362V787F	●	6.00	6.00	50.00	20.00	Fish Tail
2120-2362.787D	●	2120-2362D787D	●	2120-2362V787D	●	6.00	6.00	50.00	20.00	Drill Point
2120-3150.984F	●	2120-3150D984F	●	2120-3150V984F	●	8.00	8.00	63.00	25.00	Fish Tail
2120-3150.984D	●	2120-3150D984D	●	2120-3150V984D	●	8.00	8.00	63.00	25.00	Drill Point

*DLC is Amorphous Diamond

SERIES 2120 WORKPIECE MATERIAL																
Coating	P	P	H	H	M	K	N	N	N	N	N	N	S	S		
	Steel ~30HRC	Steel 30~40HRC	Hardened Steel ~55HRC	Hardened Steel ~68HRC	Stainless Steel	Cast Iron	Aluminum	Graphite	Copper Alloy	Brass	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
CVD Diamond							☆	★			★					
DLC							☆	☆			☆					
Uncoated							☆		★	★	★	☆	☆	☆		

★ : Priority ☆ : Applicable Materials

Symbol Descriptions Page L3

- : U.S. Stock Standard
- : NOT STOCKED - Call for Delivery
- ▲ : Coming Soon

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- GROOVING **G**
- CUT-OFF **H**
- THREADING **J**
- DRILLING **K**
- SOLID TOOLS **L**
- MILLING **M**
- HSK TOOLING **N**
- SPARE PARTS **P**
- TECHNICAL **R**
- INDEX **T**