

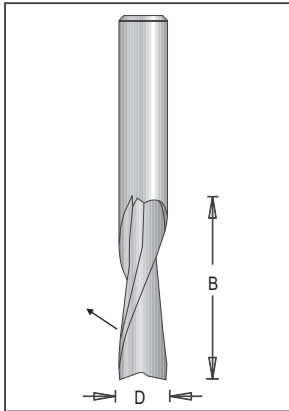


2 Flute Spiral - Upcut Solid Carbide - for Solid Wood

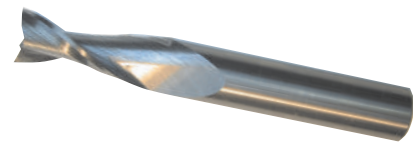


Up

Solid tungsten carbide router cutter complete with two spiral flutes. Suitable for fine 'finishing' cuts in softwood and hardwood. Upcut spiral for optimum chip flow and improved finish on the bottom of the board. For use on routers and machining centres with or without CNC control.



Tool no.	D	Shank	B	Length	Flutes
SCW43	1/8"	1/4"	1/2"	2"	2
SCW45	3/16"	1/4"	5/8"	2"	2
SCW463	1/4"	1/4"	3/4"	2 1/2"	2
SCW46	1/4"	1/4"	1 1/8"	3"	2
SCW610	3/8"	3/8"	1"	2 1/2"	2
SCW810	3/8"	1/2"	1 1/4"	3"	2
SCW812	1/2"	1/2"	1 1/4"	3"	2
SCW812B	1/2"	1/2"	1 5/8"	3 1/2"	2



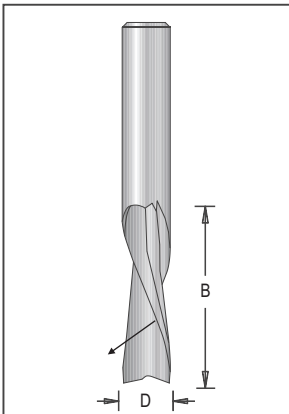
2 Flute Spiral-Downcut Solid Carbide - for Solid Wood



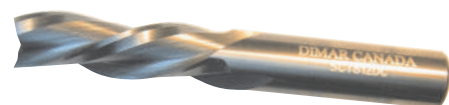
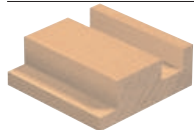
Down

Solid tungsten carbide router cutter complete with two spiral flutes.

Suitable for fine 'finishing' cuts in softwood and hardwood. Downcut for better clamping when machining small work pieces and improved finish on the top of the board. For use on routers and machining centres with or without CNC control.



Tool no.	D	Shank	B	Length	Flutes
SCW43DC	1/8"	1/4"	1/2"	2"	2
SCW44DC	5/32"	1/4"	5/8"	2 1/2"	2
SCW45DC	3/16"	1/4"	5/8"	2"	2
SCW463DC	1/4"	1/4"	3/4"	2 1/2"	2
SCW46DC	1/4"	1/4"	1 1/8"	3"	2
SCW610DC	3/8"	3/8"	1"	2 1/2"	2
SCW810DC	3/8"	1/2"	1 1/4"	3"	2
SCW812DC	1/2"	1/2"	1 1/4"	3"	2
SCW812BDC	1/2"	1/2"	1 5/8"	3 1/2"	2





2 Flute Spiral-Upcut Solid Carbide - For Man-made material

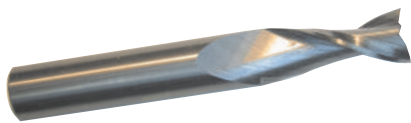
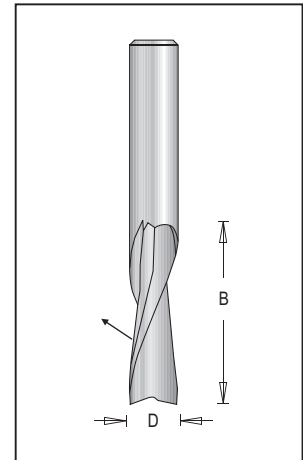


Up

Upcut flute design

Used primarily with abrasive laminated boards, particle boards, MDF, laminates and in plastic material to achieve an excellent finish. Upcut spirals are used when you need good chip removal, and/or when the finished or laminated surface is on the underside. The flute design assists in dust collection and therefore is the best choice when grooving. To eliminate the lifting effect of the upcut flute design, clamp the material properly.

Tool no.	D	Shank	B	Length	Flutes
SC43	1/8"	1/4"	1/2"	2"	2
SC44	5/32"	1/4"	5/8"	2 1/2"	2
SC45	3/16"	1/4"	3/4"	2 1/2"	2
SC455	7/32"	1/4"	1"	2 1/2"	2
SC463	1/4"	1/4"	3/4"	2 1/2"	2
SC46	1/4"	1/4"	1"	2 1/2"	2
SC87	9/32"	1/2"	1"	3"	2
SC88	5/16"	1/2"	1 1/8"	3"	2
SC610	3/8"	3/8"	1"	2 1/2"	2
SC610B	3/8"	3/8"	1 1/4"	3"	2
SC810	3/8"	1/2"	1 1/4"	3"	2
SC811	7/16"	1/2"	1 1/4"	3"	2
SC812	1/2"	1/2"	1 1/4"	3 1/2"	2
SC812B	1/2"	1/2"	1 5/8"	3 1/2"	2
SC919	3/4"	3/4"	1 5/8"	4"	2



2 Flute Spiral-Downcut Solid Carbide-For Man-made Material

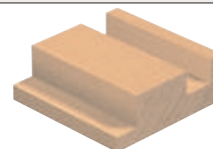
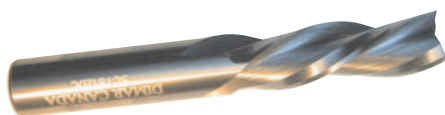
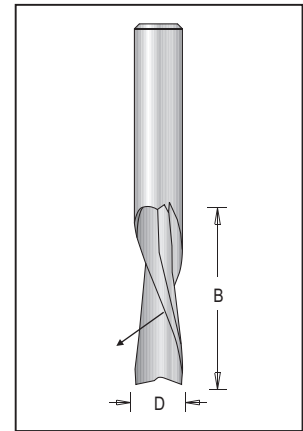


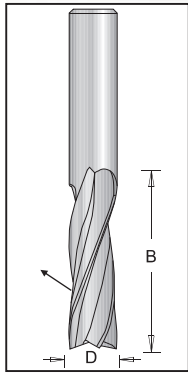
Down

Downcut flute design

Used primarily with abrasive laminated boards, particle boards, MDF, laminates and in plastic material to achieve an excellent finish. Downcut spirals prevent laminates from chipping because they push the edge of the material down, towards the material where it has support. They will work at higher feed rates as they are working with the vacuum hold down. Use Downcut spirals for small parts or hand tools where clamping may not be as good. Except for trimming, Downcut pushes the chips into the cut. Dust collection is of concern.

Tool no.	D	Shank	B	Length	Flutes
SC43DC	1/8"	1/4"	1/2"	2"	2
SC44DC	5/32"	1/4"	5/8"	2 1/2"	2
SC45DC	3/16"	1/4"	3/4"	2"	2
SC455DC	7/32"	1/4"	1"	2 1/2"	2
SC463DC	1/4"	1/4"	3/4"	2 1/2"	2
SC46DC	1/4"	1/4"	1"	2 1/2"	2
SC87DC	9/32"	1/2"	1"	3"	2
SC88DC	5/16"	1/2"	1 1/8"	3"	2
SC610DC	3/8"	3/8"	1"	2 1/2"	2
SC810DC	3/8"	1/2"	1 1/4"	3"	2
SC811DC	7/16"	1/2"	1 1/4"	3"	2
SC812DC	1/2"	1/2"	1 1/4"	3 1/2"	2
SC812BDC	1/2"	1/2"	1 5/8"	3 1/2"	2
SC919DC	3/4"	3/4"	1 5/8"	4"	2





3 Flute Spiral-Upcut Solid Carbide

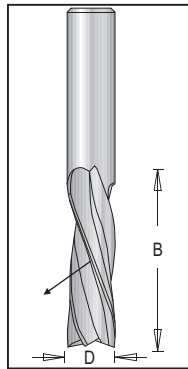


Down



Similar to two flute spirals. Smaller chips result in smoother surface.

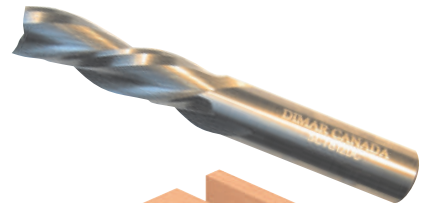
Tool no.	D	Shank	B	Length	Flutes
SCT810	3/8"	1/2"	1 1/4"	3"	3
SCT812	1/2"	1/2"	1 1/2"	3 1/2"	3
SCT812B	1/2"	1/2"	2"	4"	3
SCT919	3/4"	3/4"	2 1/8"	4"	3



3 Flute Spiral-Downcut Solid Carbide

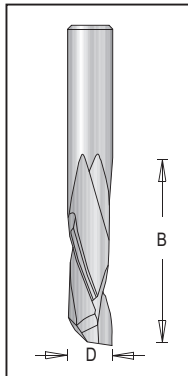
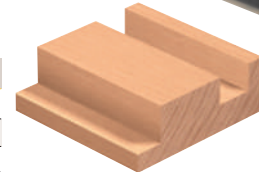


Down



Similar to two flute spirals. Smaller chips result in smoother surface.

Tool no.	D	Shank	B	Length	Flutes
SCT810DC	3/8"	1/2"	1 1/4"	3"	3
SCT812DC	1/2"	1/2"	1 1/2"	3 1/2"	3
SCT812BDC	1/2"	1/2"	2"	4"	3

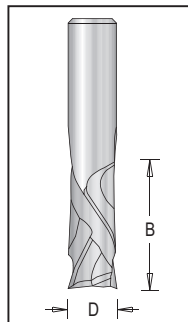
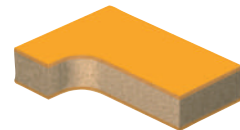
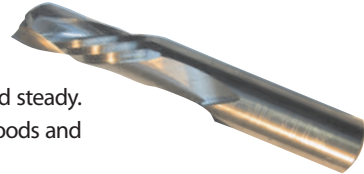


Compression Single Flute Spiral Solid Carbide



Compression bits are used in C.N.C machines, where the feed is fast and steady. Optimum finish is achieved on double sided laminated boards, hardwoods and wood composites.

Tool no.	D	Shank	B	Length	Flutes
SCC46	1/4"	1/4"	7/8"	2 1/2"	1
SCC810	3/8"	1/2"	1"	3"	1
SCC810B	3/8"	1/2"	1 1/8"	3"	1
SCC812	1/2"	1/2"	1"	3"	1
SCC812B	1/2"	1/2"	1 1/8"	3"	1
SCC812C	1/2"	1/2"	1 5/8"	3 1/2"	1



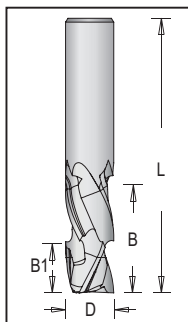
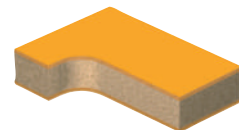
Compression 2 Flute Spiral Solid Carbide



Tool no.	D	Shank	B	Length	Flutes
SCC462	1/4"	1/4"	7/8"	2 1/2"	2
SCC8102	3/8"	1/2"	1"	3"	2
SCC810B2	3/8"	1/2"	1 1/8"	3"	2
SCC8122	1/2"	1/2"	1"	3"	2
SCC812B2	1/2"	1/2"	1 1/8"	3"	2
SCC812C2	1/2"	1/2"	1 5/8"	3 1/2"	2
SCC9192	3/4"	3/4"	2"	4"	2

Compression bits are used in C.N.C machines, where the feed is fast and steady.

Optimum finish is achieved on double sided laminated boards, hardwoods and wood composites.



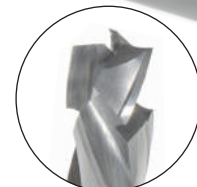
Compression 3 Flute Spiral bits for CNC Nesting Operation

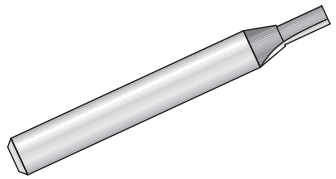


New generation of spiral tools for nesting operation on CNC machine.

- High clearance geometric shape for maximum feed rate.
- Free chip flow.
- Superior cut quality.

Tool no.	D	Shank	B	B1	Length	Flutes
SCG1010	3/8"	3/8"	1"	9/32"	3"	3
SCG812	1/2"	1/2"	1 1/4"	23/64"	3"	3

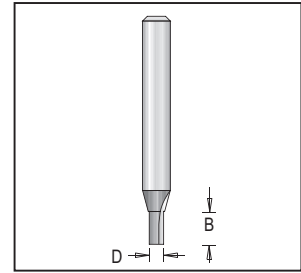




Straight Bit - Single Flute Solid Carbide



Plunge



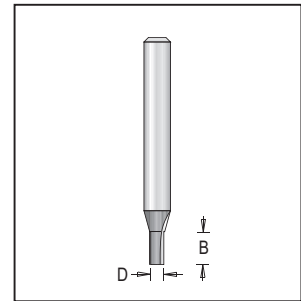
Newly developed line of superior quality solid carbide bits to rout difficult to cut materials particularly in small diameter. Single flute provides fast routing with longer tool life. Suitable for natural wood, wood composites and abrasive plastics.

Metric

Tool no.	D	Shank	B	Length
SCR4-3S	1/8"	1/4"	7/16"	2"
SCR4-4S	5/32"	1/4"	7/16"	2"
SCR4-5S	3/16"	1/4"	7/16"	2"
SCR4-5.5S	7/32"	1/4"	3/8"	2"
SCR4-6S	1/4"	1/4"	3/4"	2"
SCRL4-6S	1/4"	1/4"	1"	2"

Tool no.	D	Shank	B	Length
SCR4-3MS	3mm	1/4"	11mm	51mm
SCR4-4MS	4mm	1/4"	11mm	51mm
SCR4-5MS	5mm	1/4"	11mm	51mm
SCR4-6MS	6mm	1/4"	19mm	51mm
SCRL4-6MS	6mm	1/4"	25mm	51mm

Straight Bit - 2 Flutes Solid Carbide



Newly developed line of superior quality solid carbide bits to rout difficult to cut materials particularly in small diameter. Suitable for wood composites and thin laminated materials, rigid plastics such as acrylic, PVC and nylon.

Metric

Tool no.	D	Shank	B	Length
SCR4-4	5/32"	1/4"	7/16"	2"
SCR4-5	3/16"	1/4"	7/16"	2"
SCRL4-5	3/16"	1/4"	1/2"	2"
SCR4-5.5	7/32"	1/4"	3/4"	2"
SCR4-6A	1/4"	1/4"	1/2"	2"
SCR4-6	1/4"	1/4"	3/4"	2"
SCR4-6B	1/4"	1/4"	3/4"	2 1/2"
SCRL4-6	1/4"	1/4"	1"	2 1/2"
SCRL6-10	3/8"	3/8"	1 1/4"	3"

Tool no.	D	Shank	B	Length
SCR4-3M	3mm	1/4"	11mm	51mm
SCR4-4M	4mm	1/4"	11mm	51mm
SCR4-5M	5mm	1/4"	11mm	51mm
SCR4-6M	6mm	1/4"	19mm	51mm
SCR4-6MB	6mm	1/4"	19mm	63mm
SCRL4-6M	6mm	1/4"	25mm	63mm

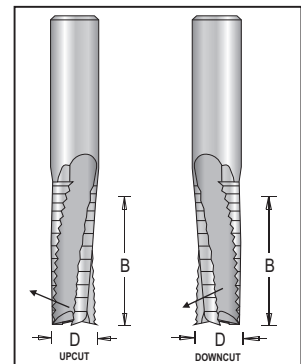
Roughing - 3 Flutes Spiral Solid Carbide



Suitable for roughing cuts in softwood and hardwood and man-made boards with or without coating. Designed for pre-cutting with fast feed rates on stationary or CNC routers.

Upcut spiral for optimum chip removal and improved finish on the bottom of the board.

Use Downcut spirals for small parts or hand tools where clamping may not be as good.



UPCUT

Tool no.	D	Shank	B	Length
SCF812	1/2"	1/2"	1 5/8"	3 1/2"
SCF812B	1/2"	1/2"	1 1/2"	3 1/2"
SCF812E	1/2"	1/2"	2"	4"
SCF919	3/4"	3/4"	1 1/2"	4"

DOWNCUT

Tool no.	D	Shank	B	Length
SCF812DC	1/2"	1/2"	1 5/8"	3 1/2"
SCF812EDC	1/2"	1/2"	2"	4"
SCF516BDC	5/8"	5/8"	2 1/8"	4 1/2"



Solid Carbide "O" Flute Spiral Router Bits for Plastic NEW

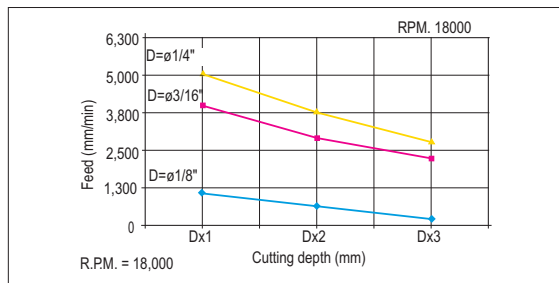
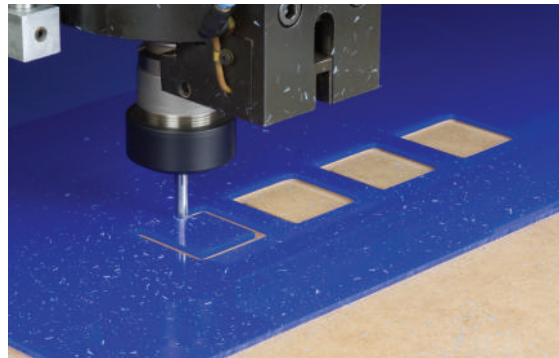
Dimar's plastic cutting solid carbide spiral O'Flute router bits are designed for use in various plastic materials such as Plexiglas, and Lucite, nylon, ABS, PE, Acetal, PET, HDPE, UHMW, polycarbonates, polypropylene, wood and solid surfaces.

Dimar's O'Flute design allows the cutting chips to form naturally and follow the natural flow of the cutting geometry without hitting sharp corners that would otherwise slow their exit from the cutting passage.

These special bits feature a mirror finish that will guarantee you a clean, smooth cut in the most difficult acrylic materials. Designed for use in most CNC machines.

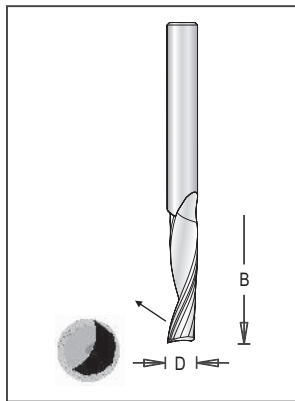
Great For Cutting:

- Plastic / Acrylic
- Solid Surface
- Wood
- Polycarbonate
- Foam Board
- Corrugated Polypropylene
- PE/Aceta/Nylon



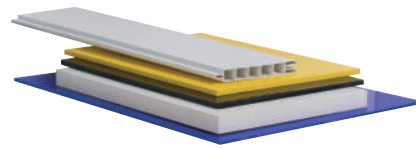
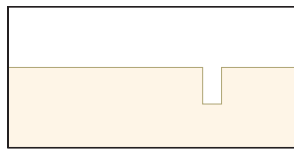
"O" Flute Spiral - Upcut Solid Carbide - for Plastic, Mirror Finish

Dealer Net Price in effect



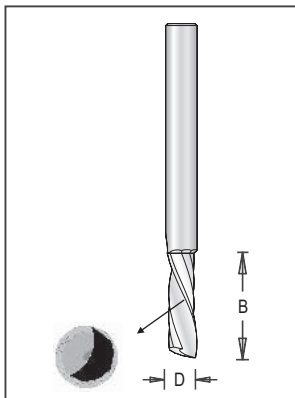
Upcut spiral for optimum chip flow and improved finish on the bottom of the board. Suitable for fine 'finishing' cuts in soft and hard plastic with upward chip removal.

	Tool no.	D	Shank	B	Length	Flutes
New	SCPL43	1/8"	1/8"	1/2"	2"	1
New	SCPL45	3/16"	3/16"	5/8"	2"	1
New	SCPL45X	3/16"	1/4"	5/8"	2 1/2"	1
New	SCPL463	1/4"	1/4"	3/4"	2"	1
New	SCPL46	1/4"	1/4"	1"	2 1/2"	1



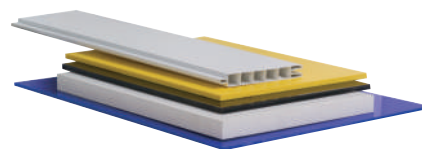
"O" Flute Spiral - Downcut Solid Carbide - for Plastic, Mirror Finish

Dealer Net Price in effect



Downcut spiral for improved finish on the top of the board. Suitable for fine 'finishing' cuts in soft and hard plastic with downward chip removal.

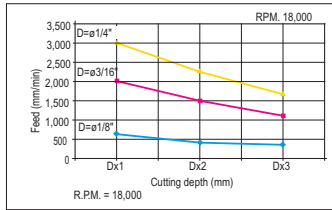
	Tool no.	D	Shank	B	Length	Flutes
New	SCPL43DC	1/8"	1/8"	1/2"	2"	1
New	SCPL45DC	3/16"	3/16"	5/8"	2"	1
New	SCPL463DC	1/4"	1/4"	3/4"	2"	1
New	SCPL46DC	1/4"	1/4"	1"	2 1/2"	1





NEW

Solid Carbide "O" Flute Spiral Router Bits for Aluminum



Dimar's aluminum cutting solid carbide spiral O Flute router bits are designed for use in various nonferrous materials such as aluminum, brass and copper. Dimar's O'Flute design allows the cutting chips to form naturally and follow the natural flow of the cutting geometry without hitting sharp corners that would otherwise slow their exit from the cutting passage.



Great For Cutting:

- Aluminum
- Brass
- Copper
- Non-Ferrous Metals

These special bits feature a mirror finish that will guarantee you a clean, smooth cut in the most difficult non-ferrous materials. Designed for use in most CNC machines.

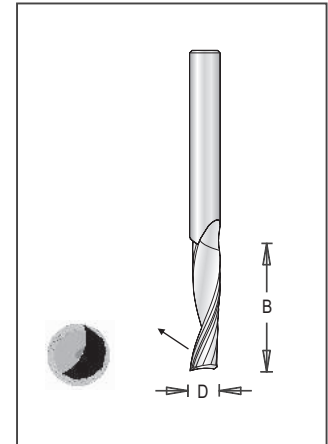
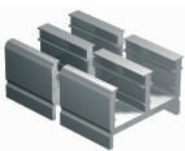
ROUTING
SOLID CARBIDE

"O" Flute Spiral-Upcut Solid Carbide- for Aluminum, Mirror Finish



Upcut spiral for optimum chip flow and improved finish on the bottom of the board. Suitable for fine 'finishing' cuts in aluminum with upward chip removal.

Tool no.	D	Shank	B	Length	Flutes
New SCNF43	1/8"	1/8"	5/16"	1 1/2"	1
New SCNF45	3/16"	1/4"	1/2"	2"	1
New SCNF463	1/4"	1/4"	5/8"	2"	1

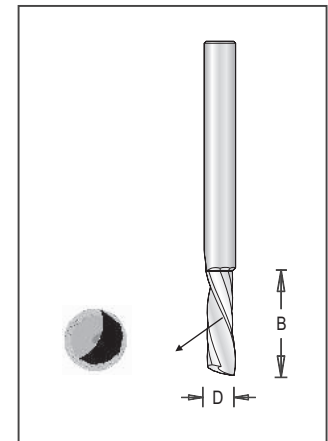
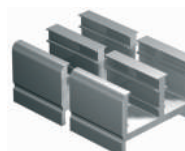


"O" Flute Spiral - Downcut Solid Carbide - for Aluminum, Mirror Finish



Downcut spiral for improved finish on the top of the board. Suitable for fine 'finishing' cuts in aluminum with downward chip removal.

Tool no.	D	Shank	B	Length	Flutes
New SCNF43DC	1/8"	1/8"	5/16"	1 1/2"	1
New SCNF45DC	3/16"	1/4"	1/2"	2"	1
New SCNF463DC	1/4"	1/4"	5/8"	2"	1



Adapter for Solid Carbide Spiral Bits

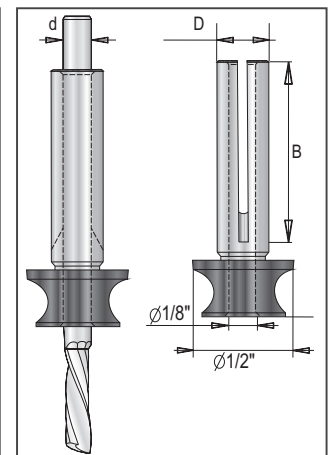
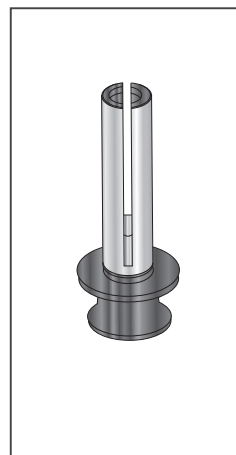


A unique adapter specifically designed to accept 1/8" diameter solid carbide spiral bits. The easy-grip adapter will ensure that bits are fixed firmly and properly inserted into the collet.

We recommend that you opt for a "unified" shank and cutting diameter as this will ensure optimum strength during the routing operation.

All DIMAR solid carbide bits for Plastic & Aluminum feature a unified shank & cutting diameter.

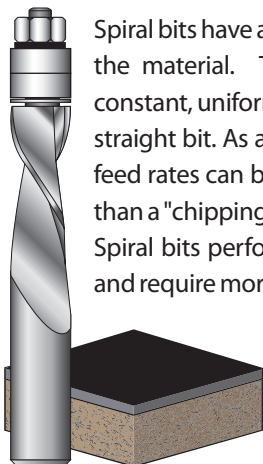
Tool no.	d	D	B	Length
New 1927124	1/8"	1/4"	7/8"	1 1/4"





2 Flute Spiral - Upcut & Downcut Solid Carbide Router Bits with Ball Bearing Guides

ROUTING
SOLID CARBIDE



Spiral bits have a cutting edge that is constantly in contact with the material. The load on the work piece and the bit is constant, uniform and draws less power than the conventional straight bit. As a result more stock can be removed and faster feed rates can be applied. The cut is a "peeling" action rather than a "chipping" action.

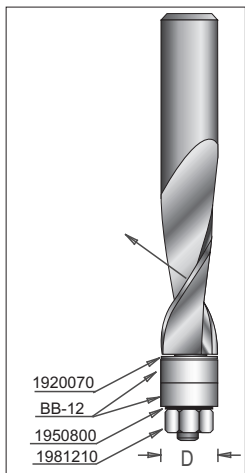
Spiral bits perform best at higher feed rates in a straight line and require more hold-down pressure.



2 Flute Spiral - Upcut Solid Carbide Router Bits



Category



For the ultimate, chip-free finish in laminate, melamine, solid surface and fragile veneers, and for template work of all kinds.

The twin ball-bearing pilot enhances the stability of the tool. Upcut spiral for optimum chip flow and improved finish on the bottom of the board.

For use on routers with or without CNC control.

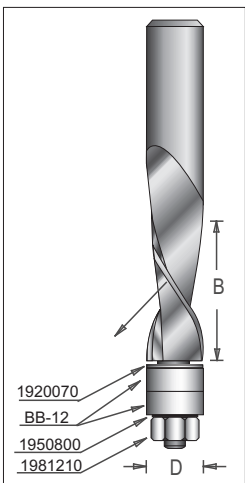


Tool no.	D	Shank	B	Length
SCB812	1/2"	1/2"	1 1/4"	3 3/4"
SCB812B	1/2"	1/2"	2"	4 3/4"

2 Flute Spiral - Downcut Solid Carbide Router Bits



Category



For the ultimate, chip-free finish in laminate, melamine, solid surface and fragile veneers, and for template work of all kinds.

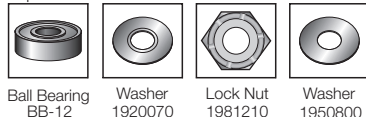
The twin ball-bearing pilot enhances the stability of the tool. Downcut for better clamping when machining small work pieces and improved finish on the top of the board.

For use on routers with or without CNC control.



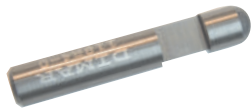
Tool no.	D	Shank	B	Length
SCB812DC	1/2"	1/2"	1 1/4"	3 3/4"
SCB812BDC	1/2"	1/2"	2"	4 3/4"

Replacement Parts:

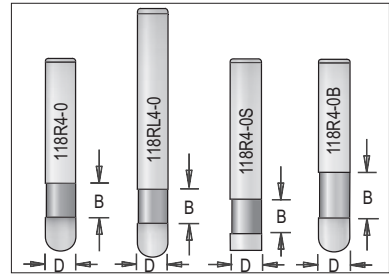




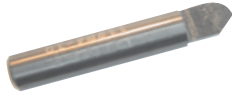
Flush Trimming Bits, Solid Carbide



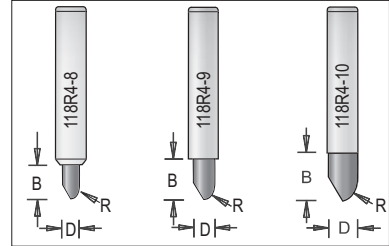
Tool no.	D	Shank	B	Length
118R4-0	1/4"	1/4"	1/4"	1 1/2"
118RL4-0	1/4"	1/4"	1/4"	2"
118R4-0S	1/4"	1/4"	1/4"	1 1/2"
118R4-0B	1/4"	1/4"	3/8"	1 1/2"



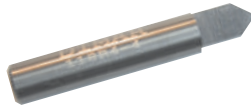
Round Bottom Veining Bits, Solid Carbide



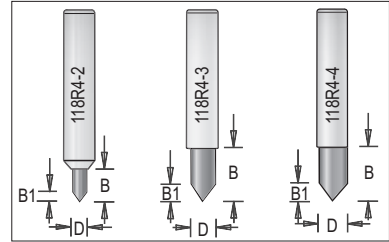
Tool no.	D	Shank	B	R	Length
118R4-8	1/8"	1/4"	3/16"	1/16"	1 1/2"
118R4-9	3/16"	1/4"	1/4"	3/32"	1 1/2"
118R4-10	1/4"	1/4"	11/32"	1/8"	1 1/2"



V-Groover and Scorer - 90° Bits, Solid Carbide



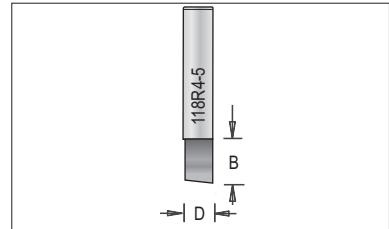
Tool no.	D	Shank	B	B1	Length
118R4-2	1/8"	1/4"	1/4"	1/16"	1 1/2"
118R4-3	3/16"	1/4"	1/4"	3/32"	1 1/2"
118R4-4	1/4"	1/4"	3/8"	1/8"	1 1/2"



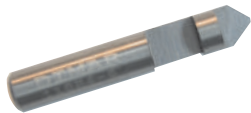
Rip & Slotter Bit, Solid Carbide



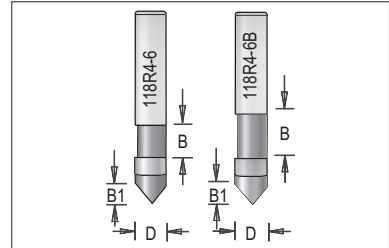
Tool no.	D	Shank	B	Length
118R4-5	1/4"	1/4"	3/8"	1 1/2"



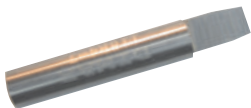
Flush Trimming Bits With Boring Point, Solid Carbide



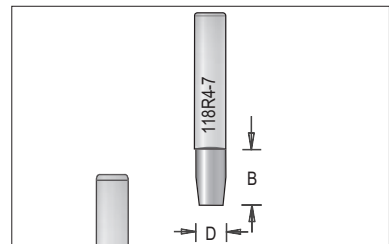
Tool no.	D	Shank	B	B1	Length
118R4-6	1/4"	1/4"	1/4"	3/16"	1 1/2"
118R4-6B	1/4"	1/4"	3/8"	3/16"	1 1/2"



Flush & Bevel Trimming Bit, Solid Carbide



Tool no.	D	Shank	B	α	Length
118R4-7	1/4"	1/4"	3/8"	0°+7°	1 1/2"



Bevel Trimming Bits, Solid Carbide



Tool no.	D	Shank	B	α	Length
118R4-1	3/16"	1/4"	1/4"	7°	1 1/2"
118R4-1SP	3/16"	1/4"	1/4"	7°	2 1/2"

