

SOLID CARBIDE - SPIRAL TOOLING

FINISHING SPIRALS FOR WOOD

For superior edge finish on all types of material. Hardwoods, Softwoods, Laminates, Composites etc.

Up cut brings the swarf up and out of the cut.

Down cut drives the swarf down and out of the cut.

SUFFIX 1/2 = 1/2" SHANK, SUFFIX 5/16" = 5/16" SHANK,

SUFFIX 3/8 = 3/8" SHANK, OTHERWISE 1/4"

SUFFIX M = SHANK DIAM. SAME AS CUTTING DIAM.



2 FLUTE FINISHING SPIRAL

PART No.	PART No.	UNCOATED					
		A		B		C	
		in.	mm	in.	mm	in.	mm
TSRW 4	TSLW 4	1/8	3.18	1/2	12.7	2-1/4	57.15
TSRW 5	TSLW 5	5/32	3.96	5/8	16	2-1/4	57.15
TSRW 6	TSLW 6	3/16	4.75	3/4	19	2-1/4	57.15
TSSRW 8		1/4	6.35	5/8	16	2	50.8
TSRW 8	TSLW 8	1/4	6.35	3/4	19	2-1/2	63.5
TXSRW 8	TXSLW 8	1/4	6.35	1	25.4	2-1/2	63.5
TSRW 10 5/16	TSLW 10 5/16	5/16	7.94	1	25.4	2-1/2	63.5
TSRW 10 1/2	TSLW 10 1/2	5/16	7.94	1	25.4	3	76.2
TSRW 8 M	TSLW 8 M		8		25		63
TSRW 12 3/8	TSLW 12 3/8	3/8	9.53	1	25.4	2-1/2	63.5
TSRW 12 1/2	TSLW 12 1/2	3/8	9.53	1	25.4	3	76.2
TSRW 10 M	TSLW 10 M		10		25		75
TSRW 12 M	TSLW 12 M		12		32		75
TSRW 16 1/2	TSLW 16 1/2	1/2	12.7	1-1/4	31.8	3	76.2
TXSRW 16 1/2	TXSLW 16 1/2	1/2	12.7	1-1/2	38.1	4	101.6
TXXSRW 16 1/2	TXXSLW 16 1/2	1/2	12.7	2	50.8	4	101.6
TSRW 16 M	TSLW 16 M		16		35		92
TSRW 20 M	TSLW 20 M		20		40		104

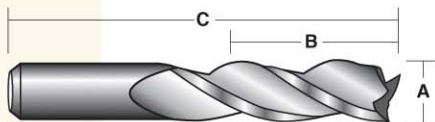
Available, ex-stock with Titanium Nitride (TiN) coating. When ordering add "T" to the required part number. e.g. TTSRW8 is TTSRW8 (TiN Coated).

* FOR SPIRAL BITS WITH BEARINGS SEE PAGE 10

3 FLUTE FINISHING SPIRAL

Produces extremely smooth finishes.

Use for natural timber and composites.



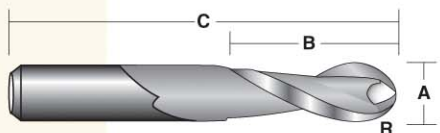
UP CUT DOWN CUT

PART No.	PART No.	UNCOATED					
		A		B		C	
		in.	mm	in.	mm	in.	mm
T3SRW8	T3SLW8	1/4	6.35	3/4	19	2-1/2	63
T3SRW 12 3/8	T3SLW 12 3/8	3/8	9.5	1-1/4	31.8	3	76
T3SRW 16 1/2	T3SLW 16 1/2	1/2	12.7	1-1/4	31.8	3	76

NEW

SPIRAL BIT WITH BALL END

Used for round bottom work where extra depth and a superior finish is required.



PART No.	A		B		C		R RADIUS	
	in.	mm	in.	mm	in.	mm	in.	mm
TSRWB 8	1/4	6.35	3/4	19	2 1/2	63.5	1/8	3.2
TSRWB 12 3/8	3/8	9.5	1	25.4	3	76.2	3/16	4.8
TSRWB 16 1/2	1/2	12.7	1 1/4	31.8	3	76.2	1/4	6.35

SINGLE FLUTE COMPRESSION

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
TSRM 12 3/8	3/8	9.53	1	25.4	3	76.2
TSRM 10 M		10		25		75
TSRM 12 M		12		32		75
TSRM 16 1/2	1/2	12.7	1-1/4	31.8	3	76.2
TSRM 16 M		16		35		92
TSRM 20 M		20		40		104

COMPRESSION BITS

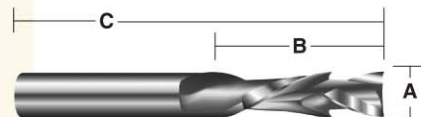
Compression (up/down) Spiral Bits - The geometry of these tools prevents the chipping and furring on the top and bottom surfaces of the material being cut. Ideal for cutting double sided laminates (melamine, vinyl, spray coatings, painted board etc.) as well as natural timbers. 3 and 4 flute tools allow for increased high speed machining with high spindle speeds.

SUFFIX Q = 1/4" Upcut for mortising (3/16" on T2SRM 08 Q)

SUFFIX E = Extra long flute

FOR COMPRESSION BITS, SHANK DIAMETERS ARE THE SAME AS 'A' DIMENSION

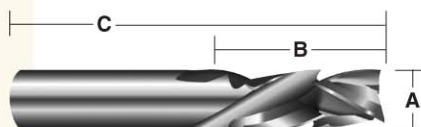
NEW



2 FLUTE COMPRESSION

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T2ESRM08	1/4	6.35	7/8	22.2	2-1/2	63.5
T2SRM08 Q	1/4	6.35	7/8	22.2	2-1/2	63.5
T2ESRM8M		8		25		63
T2SRM8M Q		8		25		63
T2ESRM12 3/8	3/8	9.5	1-1/8	28	3	76
T2SRM12 3/8 Q	3/8	9.5	7/8	22.2	3	76
T2ESRM10M		10		28		75
T2SRM10M Q		10		22.2		75
T2SRM16 1/2	1/2	12.7	1	25.4	3	76
T2SRM16 1/2 Q	1/2	12.7	1	25.4	3	76
T2XSRM16 1/2	1/2	12.7	1-3/8	35	3 5/8	92
T2XESRM16 1/2 Q	1/2	12.7	1-5/8	41.3	3 5/8	92

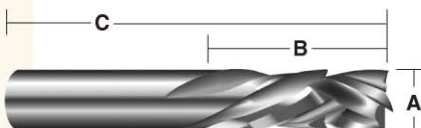
NEW



3 FLUTE COMPRESSION

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T3ESRM12 3/8	3/8	9.5	1-1/8	28.6	3	76
T3SRM12 3/8 Q	3/8	9.5	7/8	22.2	3	76
T3ESRM10M		10		28		75
T3SRM10M Q		10		22.2		75
T3SRM16 1/2	1/2	12.7	1	25.4	3	76
T3SRM16 1/2 Q	1/2	12.7	1	25.4	3	76
T3XSRM16 1/2	1/2	12.7	1-3/8	35	3 5/8	92
T3XESRM16 1/2 Q	1/2	12.7	1-5/8	41	3 5/8	92

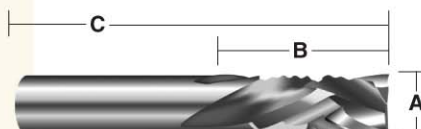
NEW



4 FLUTE COMPRESSION

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T4SRM16 1/2	1/2	12.7	1	25.4	3	76
T4SRM16 1/2 Q	1/2	12.7	1	25.4	3	76
T4XSRM16 1/2	1/2	12.7	1-3/8	35	3 5/8	92
T4XESRM16 1/2 Q	1/2	12.7	1-5/8	41	3 5/8	92

NEW



4 FLUTE COMBINED ROUGHER/FINISHER COMPRESSION

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
T4SRMRF 10M Q		10		22.2		75
T4SRMRF16 1/2	1/2	12.7	1	25.4	3	76
T4XSRMRF16 1/2	1/2	12.7	1-3/8	35	3 5/8	92
T4XESRMRF16 1/2	1/2	12.7	1-3/4	44.4	3 5/8	92

