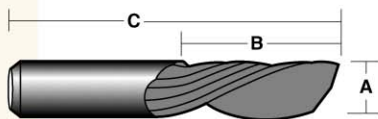


STRAIGHT BITS

FOR PLASTICS

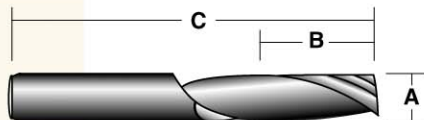
SOLID CARBIDE
SINGLE FLUTE

For plastics including Bakelite, Acetate, Plexi, PVC, Nylon, etc.



UP CUT DOWN CUT

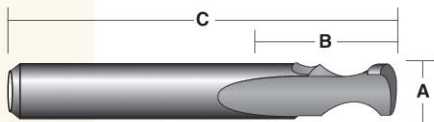
PART No.	PART No.	A		B		C		SHANK mm
		in.	mm	in.	mm	in.	mm	
TSPR 02 MS	TSPL 02 MS		2		8	1-1/2	38.1	2
TSPR 03 MS	TSPL 03 MS		3		10	1-1/2	38.1	3
TSPR 04 S	TSPL 04 S	1/8	3.18	1/2	12.7	1-1/2	38.1	6.35
TSPR 04 MS	TSPL 04 MS		4		12	2	50.8	4
TSPR 06 S	TSPL 06 S	3/16	4.75	5/8	16	2	50.8	6.35
TSPR 08 S	TSPL 08 S	1/4	6.35	5/8	16	2	50.8	6.35
TXSPR 08 S	TXSPL 08 S	1/4	6.35	3/4	19	3-5/32	80	6.35



SOLID CARBIDE - SINGLE FLUTE

For hard plastics and Aluminium

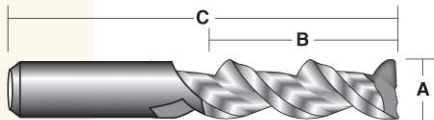
PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
TSP08 SH	1/4	6.35	3/4	19	2-1/2	63.5



SOLID CARBIDE - SINGLE FLUTE - EDGE ROUND FOR PLASTIC

For rounding the edge on plastic sheets or parts

PART No.	A		B		C		Radius	
	in.	mm	in.	mm	in.	mm	in.	mm
TSPER08S	1/4	6.35	3/8	9.5	2-1/2	63.5	1/4	6.35

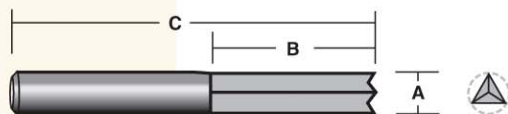


SOLID CARBIDE - 2 FLUTE FOAM CUTTER

Ideal for cutting low density foam materials at high feed rates

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
TSFHH08	1/4	6.35	2	50.4	4	100
TSFHH12 3/8	3/8	9.5	2	50.4	4	100

NEW



SOLID CARBIDE - 3 FLUTE POLYSTYRENE BIT

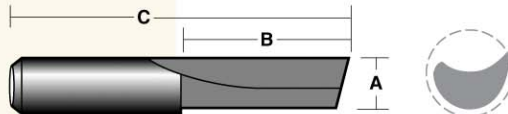
For polystyrene and soft foam products

PART No.	A		B		C	
	in.	mm	in.	mm	in.	mm
TSF 8	1/4	6.35	2 1/4	57.1	4	101.6
TSF 12 3/8	3/8	9.5	2 1/4	57.1	4	101.6

SOLID CARBIDE - SINGLE "SPOON" FLUTE

For aluminium and some soft plastics.

NEW

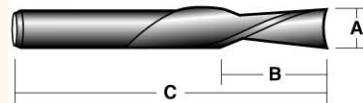


Part No.	A		B		C	
	in.	mm	in.	mm	in.	mm
TSP 04 S	1/8	3.18	5/16	7.94	1-1/2	38.10
TSP 04 MS	5/32	4	1/2	12.7	2-1/4	57.15
TSP 06 S	3/16	4.75	1/2	12.70	2-1/4	57.15
TSP 08 S	1/4	6.35	5/8	16	2-1/4	57.15

FOR NON FERROUS METALS, (ALUMINIUM, LAMINATES, ETC)

For aluminium, laminates, etc. Down cut pushes chips below the work. Ideal for trimming laminates and through cutting. Up cuts are ideal for grooving, slotting and routing.

SOLID CARBIDE - TWO FLUTE



UP CUT DOWN CUT

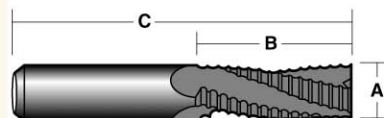
PART No.	PART No.	A		B		C	
		in.	mm	in.	mm	in.	mm
TSR 8	TSL 8	1/4	6.35	3/4	19	2-1/2	63.5
TXSR 8	TXSL 8	1/4	6.35	1	25.40	2-1/2	63.5
TSR 12 3/8	TSL 12 3/8	3/8	9.53	1	25.40	2-1/2	63.5
TSR 16 1/2	TSL 16 1/2	1/2	12.7	1-1/4	31.75	3	76.20

WOOD CUTTING

ROUGHING SPIRAL BITS

SOLID CARBIDE - THREE FLUTE

For increased feed rates to give fast routing of hard materials.



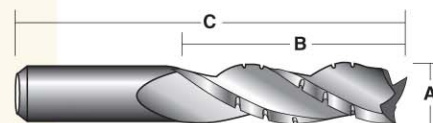
UP CUT DOWN CUT

PART No.	PART No.	A		B		C	
		in.	mm	in.	mm	in.	mm
TSRR 8		1/4	6.35	3/4	19.05	2-1/2	63.5
TSRR 8 M			8		25.		63
TSRR 12 3/8	TSLR 12 3/8	3/8	9.53	1	25.4	2-1/2	63.5
TSRR 10 M			10		25		75
TSRR 12 M			12		32		75
TSRR 16 1/2	TSLR 16 1/2	1/2	12.7	1-1/4	31.75	3	76.2
TSRR 16 M	TSLR 16 M		16		35		92
TSRR 20 M			20		40		104

3 FLUTE CHIPBREAKER SPIRAL

SOLID CARBIDE

The chipbreaker grind is staggered on each flute which produces small chips and leaves a clean cut at high feed rates as well as minimising vibration. For hardwoods and dense materials.

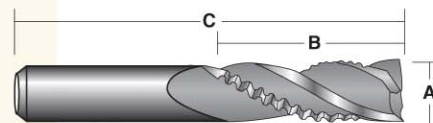


UP CUT DOWN CUT

PART No.	PART No.	A		B		C	
		in.	mm	in.	mm	in.	mm
TSRCB 12 3/8	TSLCB 12 3/8	3/8	9.5	1-1/4	31.8	3	76
TXSRCB 16 1/2	TXSLCB 16 1/2	1/2	12.7	1-3/4	44.4	3-5/8	92
TSRCB 16 M	TSLCB 16 M		16		41		92

4 FLUTE ROUGHER FINISHER

SOLID CARBIDE



UP CUT DOWN CUT

PART No.	PART No.	A		B		C	
		in.	mm	in.	mm	in.	mm
T4SRRF 12 3/8	T4SLRF 12 3/8	3/8	9.5	1-1/4	31.75	3	76
T4SRRF 16 1/2	T4SLRF 16 1/2	1/2	12.7	1-1/4	31.8	3	76
T4XSRRF 16 1/2	T4XSRLF 16 1/2	1/2	12.7	1-1/2	38	3-5/8	92

