

## Sharpening Price List

Effective 7/1/02

Subject to Change Without Notice

CARBIDE TIPPED CIRCULAR SAW BLADES			
NUMBER OF TEETH	TOP GRIND		ECONOMY SERVICE (FACE OR TOP GRIND ONLY)
	FLAT TOPS OR ATB'S	COMBINATION OR TRIPLE CHIP GRIND	
Up to 12	14.00	15.50	7.00
13 to 24	15.00	16.50	8.00
25 to 36	16.00	17.50	9.00
37 to 48	18.00	19.50	10.00
49 to 60	20.00	21.00	11.00
61 to 72	21.00	22.00	12.00
73 to 84	22.00	24.00	13.00
85 to 96	24.00	26.00	14.00
97 to 108	25.00	27.00	15.00
109 to 120	26.00	28.00	16.00
121 to 150	28.00	29.00	18.00

STEEL CIRCULAR SAW BLADES					
DIAMETER (Inches)	RIP	COMBINATION, CROSSCUT, PLY	NON FERROUS	COLDSAWS	DADO OUTER BLADES
To 8	\$1.95	5.00	9.00	10.50	11.00
10	6.00	6.50	9.50	12.50	13.00
12	8.00	9.00	12.00	14.50	15.00
14	9.50	10.00	14.00	16.50	18.00
16	11.00	14.00	16.00	18.00	Chippers: 2.50 ea
18	15.00	16.00	18.00	20.00	25.00
20	20.00	22.00			
24	24.00	26.00			
28	28.00	32.00			

ADDITIONAL SAWBLADE SERVICES			
Tooth Replacement, 1st tooth <sup>1</sup>	\$ 5.00	Hammer, Tension	15.00 and up
each additional tooth (same blade)	2.00	Replace broken Shoulder <sup>2</sup>	12.00
Hollow-face blades, add:	8.00	Straighten Bent Shoulder <sup>2</sup>	6.00
Shear Faces add:	10%	Side Grind, add	8.00
Plug expansion slots, ea.	\$4.00	CT Dado Chippers, ea.	4.50
Double face-angle, add :	10%	Adjustable Dados	16.00
Diameters over 20" add:	50%	Chipper Tip Replace	6.00
Diameters over 28" add:	100%		

**Notes:**

1. Tip replacement charges are In addition to sharpening charge.

2. Broken or bent shoulders may not be repairable, depending on plate thickness and hardness

3. Heavy grind to remove excessive wear and/or chipped teeth may result in additional 25-50% above normal sharpening charges.

## Sharpening Price List

Effective 7/1/02  
Price Subject to Change Without Notice

<b>CARBIDE TIPPED DRILLS &amp; BORING BITS</b>			
	To 1/2"	To 1"	Over 1"
Brad Point Dowel Drills	\$4.50	\$7.50	\$12.50
V-Point (thru hole) Drills	4.00		
Face Frame Boring Bits	5.50		
F.F. Bit Complete Retip	15.00		
Multispurs & 3-Wingdrills		12.00	16.00
Boring Bits w/spurs			9.50
Raise Spurs, add:			5.00
Replace Spurs, add			7.50
Masonry Bits	2.50	5.00	7.00
Coring Bits, per tip	1.75	1.75	1.75
Replacement Tips	6.00 1 <sup>st</sup> Tip, 4.00 ea. Addl		

<b>STEEL DRILLS AND BORING BITS</b>				
	To 1/2"	To 1"	To 3"	Over 3"
Twist Drills	1.25	2.00	5.00	
Step Drills	3.00	4.00		
Brad Point Drills	3.50	5.00	9.00	
Forstner Bits	3.50	5.00	6.00	9.00
Spur Bits	3.50	4.50	6.50	7.50
Plug Cutters	3.00	4.00	7.50	
Countersinks/bores	2.00	3.00	5.00	
Augers		4.00	6.00	
Augers, 2-Flute		4.50	6.50	
Holesaws ( if enough set)		3.50	4.50	6.00

<b>PLANER AND JOINTER KNIVES</b>	
HSS Flat Knives, per Inch	\$ .50
Minimum Charge Per Knife	4.00
Carbide Flat Knives, per inch	1.00
Minimum Charge Per Knife	6.50
HSS Spiral Bits	10.00
Carbide Spiral Bits	16.00
Heavy Grind to Remove Nicks, add:	50%

<b>CARBIDE TIPPED SHAPER CUTTERS</b>				
No. of Wings	Longest Cutting Edge			
	1/2"	1'	2'	3"
2	\$8.00	10.00	12.00	14.00
3	10.00	12.00	16.00	18.00
4	12.00	14.00	18.00	20.00
6	14.00	16.00	20.00	24.00
Groovers, Per Wing:	1.75	2.00		

<b>PAPER KNIVES, CHIPPERS</b>	
Paper Knives up to 24"	13.75
Paper knives 24" - 36"	15.00
Paper knives 36" - 48"	18.00
Paper knives 48" - 60"	24.00
Secondary Bevel, add:	5.00
Chippers, each edge , per inch	.60
Mitre knives, ea.	7.50

Profile grinding and retipping quoted on inspection.

<b>ROUTER BITS</b>	
Single Flute Carbide	\$5.00
2-Flute Carbide, to 1"	6.50
(longest edge dimension)	
2-Flute Carbide, over 1"	7.50
3-Flute Carbide	7.50
Over 1' Diameter, Add	2.00
Shorten Damaged End	2.00
H.S. Steel	5.00
Spiral Bits	8.50

<b>HAND TOOLS</b>			
Hand Saws	7.00	Chisels, to 1"	3.50
Dovetail saws	7.50	Chisels, over 1"	4.50
Fano Saws	11.00	Plane irons to 2"	3.50
Pruning Saws	7.50	Plane irons over 2"	4.50
Retooling, Add:	100%	Gouges	5.00
Chainsaws, to 16" (bar)	6.00	Turning Tools (straight)	4.00
Chainsaws, to 20" (bar)	7.00	Turning Tools (radius)	6.00
Chainsaws, to 28" (bar)	8.00	Knives to 6"	3.00
Chain remove & replace	5.00	Knives over 6"	4.00
CT chainsaw, per tooth	.60	Scissors, to 6"	3.50
		Scissors, over 6"	5.00
Elec. Hedgetrimmer	15.00	Pinking Shears	4.50
Pruning Shears	4.00	Metal Snips	4.00
Lopping Shears	6.00		

<b>BANDSAW BLADES</b>	
Up to 10'	6.50
10' to 15'	8.50
Over 15'	10.50

Quoted prices are subject to additional charges of up to 50% for severely dull or chipped edges.