



SIMONDS

ESTABLISHED 1832

SAWS
KNIVES
FILES
STEEL



1916

Simonds "The Saw Makers"

NOTE.— Terms, tables, warranty, medals, addresses, shipping instructions, and all miscellaneous information pertaining to this catalog given on pages in the back of the book.



Simonds Inserted Point Saw

An Inserted Point Saw for winter or summer sawing is the most economical saw that the portable mill owner can operate.

It always remains the same size.

It will run for years.

The Simonds Saw is capable of standing heavy feed.

New Points can easily be inserted at any time by any one, and the result is a sharp saw just as good as new.

To have an Inserted Point Saw do good cutting for many years get a Simonds, because the slots or grooves in the teeth and the "V" on the plate are *machine-milled*, making a perfect-fitting joint.

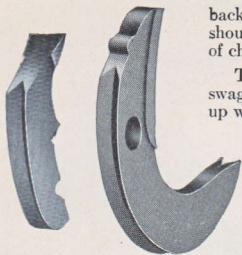
Points are tempered much harder than saw plates. Points not machine-milled are very liable to cut the plate, and soon they will not fit properly. Therefore to insure the life of your saw see that it is a Simonds and that only genuine Simonds machine-milled points and shanks are used on it.

The shank is the holder which locks the point in place on the saw plate and is made on a different circle from that of the Point — a decided advantage.

Simonds Saws have good open gullets, allowing plenty of room for sawdust, and the teeth are scientifically made, to allow greatest clearance.

The Point in the Simonds Saw is set so that the body of the plate is

SIMONDS—"THE SAW MAKERS"



back of it, a method far superior to the small shoulder which holds the Point in other makes of changeable-tooth saws.

The Simonds Point can, when necessary, be swaged lightly in the plate or it can be touched up with a file.

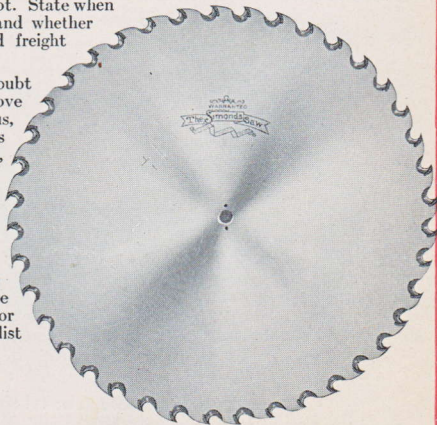
Because of its many individual advantages, you will find the Simonds Saw easily the best wearing and most satisfactory Inserted Point Saw to be had anywhere.

Saws are hammered to suit the speed maintained in customer's mill and made for either right-hand or left-hand mill.

When buying a new mill, specify that a Simonds Saw be furnished with it, or get the mill without a saw and buy your saw direct from our factory.

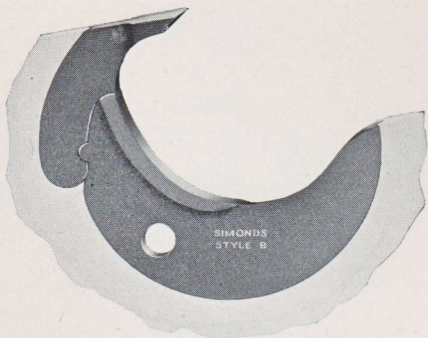
The following information should be given on an order for a new saw: size or diameter, gauge at eye, gauge at rim, size of mandrel hole, number and size of pin holes, distance of pin holes from center to center (or send a template of pin holes made by rubbing a piece of paper held tightly on the loose collar or flange), number of teeth, style of teeth, hand of saw, number of revolutions in cut and out of cut, feed at each revolution, kind of lumber sawed, daily capacity, horse power available, and say whether the mandrel runs cold, warm, or hot. State when the saw is wanted, and whether it should be shipped freight or express.

If you are in doubt about any of the above specifications write us, giving full particulars regarding your mill, and we will gladly recommend the proper size saw, etc., which our many years' saw-making experience has found advisable for use on a mill like yours. Write for discounts from list prices.



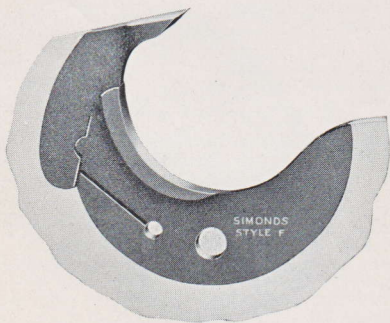
On the following pages will be found sectional cuts of this saw.

Simonds Inserted Point Saws



STYLE B, FOR MEDIUM TOOTH SAWS ($\frac{2}{3}$ Size)

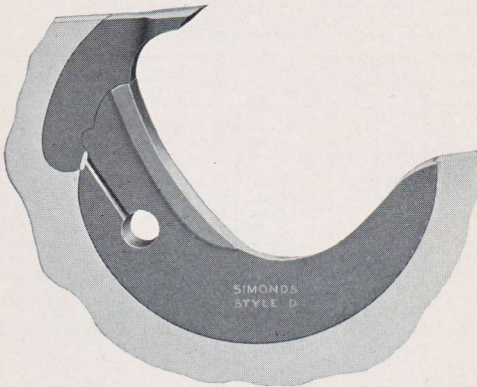
The number of teeth for B Saws shown on page 6.



STYLE F, FOR FINE TOOTH SAWS ($\frac{2}{3}$ Size)

In our Style F Saw we can insert as many teeth as the diameter of the saw less two; for instance, in a 50 inch saw 48 teeth, in a 66 inch saw 64 teeth.

Simonds Inserted Point Saws



STYLE D, FOR COARSE TOOTH SAWS ($\frac{2}{3}$ Size)

Our Style D Saw is adapted to the requirements of the Pacific Coast mills. Forty-two teeth is the maximum number that can be put in a 60 inch saw
 On page 4 are shown Styles B and F, for saws requiring a greater number of teeth.

Simonds Points or Bits



The following is a list of Points carried in stock showing gauge, and width of kerf or cutting edge. When ordering always specify *kerf* and *gauge*.

11 gauge	$\frac{7}{16}$ inch kerf	7 gauge	$\frac{3}{8}$ inch kerf
10 "	$\frac{1}{4}$ " "	7 "	$\frac{1}{16}$ " "
9 "	$\frac{9}{16}$ " "	6 "	$\frac{1}{16}$ " "
8 "	$\frac{1}{2}$ " "	6 "	$\frac{3}{8}$ " "
8 "	$\frac{1}{2}$ " "		

Packed 100, 250, or 500 Points to a box. List price 6 cents each.

Write for Discounts

SIMONDS—"THE SAW MAKERS"

**Simonds Inserted Point Saws
Styles B, F and D**

Diameter	Thickness	Stand- ard No. of Teeth	Greatest Number of Teeth that can be put in Saw			Price	Extra for each Gauge Heavier	Price for Beveling newsaws per ga.	Advance list \$1.50 for each additional tooth in saw over	No. Extra Shks	No. Extra Pts.
			B	F	D						
12 inch	11 ga.	10	8	10	—	\$19.50	\$0.20	\$0.35	10	2	50
14 "	11 "	10	10	12	—	23.00	.25	.40	12	2	50
16 "	11 "	12	12	14	—	27.00	.30	.50	12	2	50
18 "	11 "	14	14	16	—	30.00	.40	.60	14	2	50
20 "	11 "	14	16	18	—	34.00	.50	.70	16	2	50
22 "	11 "	16	18	20	—	38.50	.60	.80	18	2	100
24 "	11 "	18	20	22	—	42.00	.70	.90	18	2	100
26 "	10 "	18	22	24	—	46.00	.85	1.05	20	2	100
28 "	10 "	20	24	26	—	50.00	1.00	1.20	22	2	100
30 "	10 "	20	26	28	22	54.00	1.15	1.30	24	2	100
32 "	9 "	22	28	30	24	61.00	1.30	1.40	26	2	150
34 "	9 "	22	30	32	24	66.00	1.50	1.55	28	2	150
36 "	8 "	24	30	34	26	72.00	1.80	1.70	30	3	150
38 "	8 "	24	32	36	28	78.00	2.00	1.85	32	2	150
40 "	8 "	26	34	38	30	84.00	2.30	2.00	34	2	150
42 "	8 "	28	36	40	32	94.00	2.60	2.20	36	3	200
44 "	7 "	30	38	42	32	102.00	3.00	2.40	38	3	200
46 "	7 "	30	40	44	34	110.00	3.50	2.60	40	3	200
48 "	7 "	32	40	46	36	120.00	4.00	2.80	42	3	200
50 "	7 "	34	42	48	38	134.00	4.50	3.00	44	3	200
52 "	6 "	36	44	50	38	156.00	5.00	3.25	44	3	300
54 "	6 "	38	46	52	40	174.00	6.00	3.50	46	3	300
56 "	6 "	40	48	54	42	194.00	7.00	3.75	48	3	300
58 "	6 "	42	50	56	44	212.00	8.00	4.05	50	3	300
60 "	5 "	42	52	58	46	230.00	9.00	4.35	52	3	300
62 "	5 "	44	54	60	46	260.00	10.00	4.65	54	3	300
64 "	5 "	44	54	62	48	290.00	12.00	5.00	56	3	300
66 "	5 "	48	56	64	50	320.00	15.00	5.35	58	3	300
68 "	5 "	48	58	66	52	350.00	18.00	5.75	60	3	300
70 "	4 "	52	60	68	54	380.00	21.00	6.15	62	3	300
72 "	4 "	52	62	70	54	420.00	24.00	6.55	64	3	300

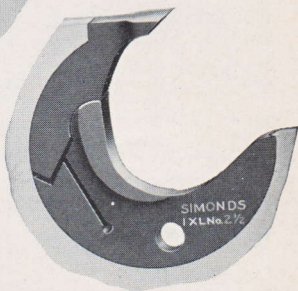
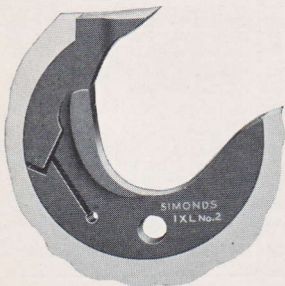
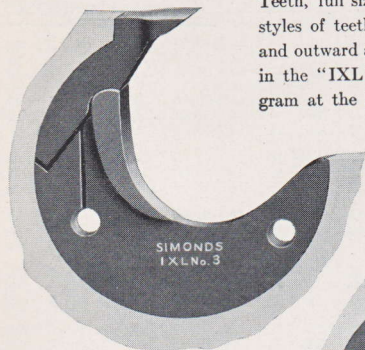
Points, 6c each. Shanks, 60c each. Extra wrenches \$1.00 net each. One wrench furnished with each saw.

No extra charge for Saws one gauge thicker than list. No extra charge for Saws one, two, or three gauges thinner than list; when more than three gauges thinner, add 5 per cent to list for each gauge. Circular Saws 48 inches and larger, thinner than 10 gauge, are not warranted. Circular Saws 42 inches or less in diameter beveled one gauge without extra charge; 44 inches or larger, beveled two gauges without extra charge.

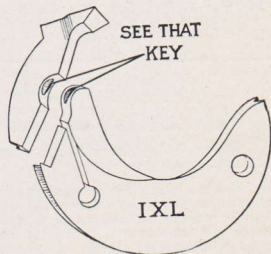
Simonds Inserted Point Saws

Plain Chisel Teeth, also "IXL" Teeth, full size illustrations. These two styles of teeth are exactly alike in form and outward appearance. The difference in the "IXL" is explained in the diagram at the bottom of this page.

For prices of Simonds Saws fitted with these teeth, see lists on pages 8, 9, and 11.



The "IXL" Tooth, which is sold exclusively by the Simonds Company, is equipped with a key on the inner side of the point, as shown in this diagram. This key prevents the point being forced sidewise in the shank.



SIMONDS—"THE SAW MAKERS"

Simonds Inserted Point Saws

Styles 3, 4 and 5

Diameter	Thickness	Standard Number of Teeth			Greatest Number of Teeth that can be put in Saw			Price	Extra for each Gauge H heavier	Price for Beveling newsaws per ga.	No. Extra Shks.	No. Extra Pts.
		3	4	5	3	4	5					
12 inch	11 gauge	10	—	—	10	—	—	\$19.50	\$0.20	\$0.35	2	50
14 "	11 "	10	—	—	12	—	—	23.00	.25	.40	2	50
16 "	11 "	12	—	—	12	—	—	27.00	.30	.50	2	50
18 "	11 "	14	—	—	14	—	—	30.00	.40	.60	2	50
20 "	11 "	14	—	—	16	—	—	34.00	.50	.70	2	50
22 "	11 "	16	12	10	18	14	12	38.50	.60	.80	2	100
24 "	11 "	18	14	12	18	16	14	42.00	.70	.90	2	100
26 "	10 "	18	14	12	20	16	14	46.00	.85	1.05	2	100
28 "	10 "	18	16	14	22	18	14	50.00	1.00	1.20	2	100
30 "	10 "	20	16	14	24	20	18	54.00	1.15	1.30	2	100
32 "	9 "	22	18	16	26	22	20	61.00	1.30	1.40	2	150
34 "	9 "	22	20	18	28	24	20	66.00	1.50	1.55	2	150
36 "	8 "	24	20	18	30	26	22	72.00	1.80	1.70	2	150
38 "	8 "	24	22	20	32	28	22	78.00	2.00	1.85	2	150
40 "	8 "	26	24	20	34	30	24	84.00	2.30	2.00	2	150
42 "	8 "	28	26	22	36	32	26	94.00	2.60	2.20	3	200
44 "	7 "	30	26	24	38	34	26	102.00	3.00	2.40	3	200
46 "	7 "	32	28	24	40	36	28	110.00	3.50	2.60	3	200
48 "	7 "	34	30	26	42	36	28	120.00	4.00	2.80	3	200
50 "	7 "	36	32	28	44	38	30	134.00	4.50	3.00	3	200
52 "	6 "	38	34	30	44	40	32	156.00	5.00	3.25	3	300
54 "	6 "	40	36	30	46	42	32	174.00	6.00	3.50	3	300
56 "	6 "	42	36	32	48	42	34	194.00	7.00	3.75	3	300
58 "	6 "	44	38	34	50	44	36	212.00	8.00	4.05	3	300
60 "	5 "	46	40	34	52	46	36	230.00	9.00	4.35	3	300
62 "	5 "	48	40	36	54	48	38	260.00	10.00	4.65	3	300
64 "	5 "	48	42	36	56	50	38	290.00	12.00	5.00	3	300
66 "	5 "	50	44	38	58	52	40	320.00	15.00	5.35	3	300
68 "	5 "	52	44	38	60	54	40	350.00	18.00	5.75	3	300
70 "	4 "	54	46	42	62	54	44	380.00	21.00	6.15	3	300
72 "	4 "	56	48	42	64	56	44	420.00	24.00	6.55	3	300

List Prices of Bits or Points.

No. 3.....	\$4.80 per 100
No. 4.....	5.60 per 100
No. 5.....	6.00 per 100

List Prices of Shanks.

No. 3.....	\$0.40 each
No. 4.....	.50 each
No. 5.....	.50 each

When ordering Bits or Points, give number, gauge, and kerf. One wrench furnished with each saw.

No extra charge for Saws one gauge thicker than list. No extra charge for Saws one, two, or three gauges thinner than list, when more than three gauges thinner, add 5 per cent to list for each gauge. Circular Saws 48 inches and larger, thinner than 10 gauge, are not warranted. Circular Saws 42 inches or less in diameter beveled one gauge without extra charge; 44 inches or larger, beveled two gauges without extra charge.

Simonds Inserted Point Saws Style 2

Diameter	Thickness	Stand-ard No. of Teeth	Greatest Number of Teeth that can be put in Saw	Price	Extra for each Gauge Heavier	Price for Beveling new Saws per Gauge	Number Extra Shanks	Number Extra Points
10 inch	12 gauge	10	10	\$15.50	\$0 12	\$0.28	2	50
12 "	11 "	12	12	19.50	.20	.35	2	50
14 "	11 "	14	14	23.00	.25	.40	2	50
16 "	11 "	16	16	27.00	.30	.50	2	50
18 "	11 "	18	20	31.00	40	.60	2	50
20 "	11 "	20	22	36.00	.50	.70	2	50
22 "	11 "	20	24	42.00	.60	.80	2	100
24 "	11 "	22	26	46.00	.70	.90	2	100
26 "	10 "	24	28	50.00	.85	1.05	2	100
28 "	10 "	26	30	54.00	1.00	1.20	2	100
30 "	10 "	28	32	58.00	1.15	1.30	2	100
32 "	9 "	30	34	65.00	1.30	1.40	2	150
34 "	9 "	32	36	70.00	1.50	1.55	2	150
36 "	8 "	34	38	75.00	1.80	1.70	2	150
38 "	8 "	36	42	80.00	2.00	1.85	2	150
40 "	8 "	38	44	86.00	2.30	2.00	2	150

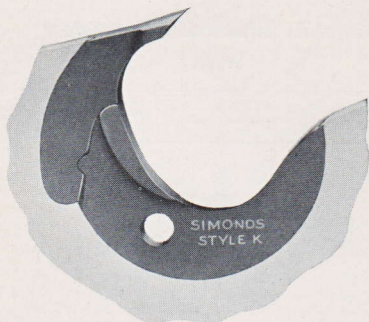
List price of Bits or Points No. 2, \$4.80 per 100; Shanks 40 cts. each. When ordering Bits give number, gauge and kerf. One wrench furnished with each saw.

No extra charge for Saws one gauge thicker than list. No extra charge for Saws one, two, or three gauges thinner than list; when more than three gauges thinner, add 5 per cent to list for each gauge. Circular Saws 48 inches and larger, thinner than 10 gauge are not warranted. Circular Saws 42 inches or less in diameter beveled one gauge without extra charge; 44 inches or larger, beveled two gauges without extra charge.

Changing Solid Saws to Inserted Point

For changing over Solid Tooth Saws into Inserted Point Saws, \$1.50 per tooth plus one-half the list price of Solid Tooth Saws of same size, this price being based on size the Saw will cut to, and subject to same discount as Inserted Point Saws.

Simonds Inserted Point Saws



"K" Style, Full Size

For Prices, see list on next page

MADE FOR —

**Fast feed mills,
For sawing frozen timber,
Inserted Tooth Edger Saws.**

The special feature of this tooth is that you can carry a greater number of teeth and at the same time have a *large open gullet*.

An examination of the construction of the tooth will show this large gullet room and also a swaged shank to aid in carrying off the sawdust and keeping the plate cleared.

Points, shanks, and plate have *close fitting machine-milled "V"* and groove—a distinguishing feature of Simonds Inserted Point Saws.

SIMONDS—"THE SAW MAKERS"

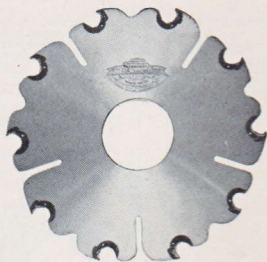
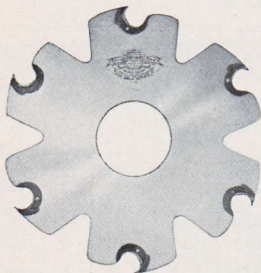
**Simonds Inserted Point Saws
Styles K and 2½**

Diameter	Thickness	Greatest Number of Teeth that can be put in saw		Price	Extra for each Gauge heavier	Price for Beveling new saws per gauge	Number Extra Shanks	Number Extra Points
		K	2½					
10 inch	12 gauge	8	10	\$15.50	\$0.12	\$0.28	2	50
12 "	11 "	10	12	19.50	.20	.35	2	50
14 "	11 "	12	14	23.00	.25	.40	2	50
16 "	11 "	16	16	27.00	.30	.50	2	50
18 "	11 "	18	20	31.00	.40	.60	2	50
20 "	10 "	20	22	36.00	.50	.70	2	50
22 "	10 "	22	24	42.00	.60	.80	2	100
24 "	10 "	24	26	46.00	.70	.90	2	100
26 "	9 "	26	28	52.00	.85	1.05	2	100
28 "	9 "	28	30	56.00	1.00	1.20	2	100
30 "	9 "	30	32	60.00	1.15	1.30	2	100
32 "	8 "	32	34	68.00	1.30	1.40	2	150
34 "	8 "	34	36	75.00	1.50	1.55	2	150
36 "	8 "	36	38	85.00	1.80	1.70	2	150
38 "	8 "	38	42	95.00	2.00	1.85	2	150
40 "	7 "	40	44	105.00	2.30	2.00	2	150
42 "	7 "	42	46	115.00	2.60	2.20	3	200
44 "	7 "	44	50	125.00	3.00	2.40	3	200
46 "	7 "	46	52	135.00	3.50	2.60	3	200
48 "	7 "	48	54	148.00	4.00	2.80	3	200
50 "	6 "	50	56	162.00	4.50	3.00	3	200
52 "	6 "	52	60	178.00	5.00	3.25	3	300
54 "	6 "	54	62	198.00	6.00	3.50	3	300
56 "	6 "	56	64	210.00	7.00	3.75	3	300
58 "	5 "	58	66	230.00	8.00	4.05	3	300
60 "	5 "	62	70	258.00	9.00	4.35	3	300
62 "	5 "	64	74	280.00	10.00	4.65	3	300
64 "	5 "	66	76	310.00	12.00	5.00	3	300
66 "	4 "	68	78	340.00	15.00	5.35	3	300
68 "	4 "	70	80	380.00	18.00	5.75	3	300
70 "	4 "	72	82	420.00	21.00	6.15	3	300
72 "	4 "	74	84	460.00	24.00	6.55	3	300

List price of Bits or Points Style K, 6 cts. each; No. 2½, \$4.80 per 100; Shanks Style K, 60 cts. each; No. 2½, 40 cts. each. One wrench furnished with each saw.

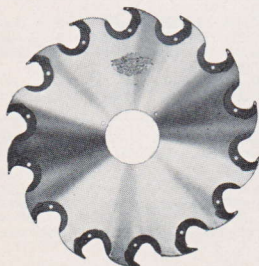
No extra charge for Saws one gauge thicker than list. No extra charge for Saws one, two, or three gauges thinner than list; when more than three gauges thinner, add 5 per cent to list for each gauge. Circular Saws 48 inches and larger, thinner than 10 gauge, are not warranted. Circular Saws 42 inches or less in diameter beveled one gauge without extra charge; 44 inches or larger, beveled two gauges without extra charge.

Simonds Rift Saws



Diameter	Gauge	4 Teeth	6 Teeth	10 Teeth
14 inch	8	\$15.00	\$18.00	. . .
16 "	8	16.00	19.00	. . .
18 "	8	18.00	21.00	. . .
20 "	8	20.00	23.00	\$29.00
22 "	8	22.00	25.00	31.00
24 "	8	24.50	27.50	33.50
26 "	8	27.00	30.00	36.00
28 "	8	30.00	33.00	39.00
30 "	8	34.00	37.00	43.00

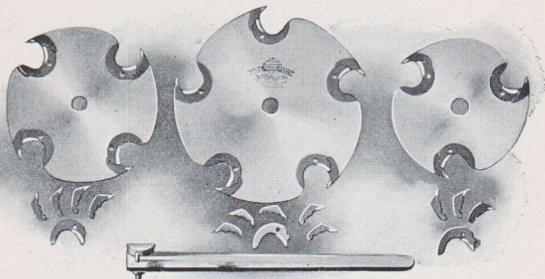
50 points and 1 extra shank furnished with each saw



Simonds Inserted Point Edger Saws

For prices use regular list, page 6

Simonds Inserted Tooth Grooving Saws



Price List of Simonds Inserted Tooth Grooving Saws

Used for cutting dadoes, and answering the same purpose as a solid tooth grooving saw. The diameter of the saw always remaining the same permits cutting different grooves by simply changing width of points as per list at the bottom of this page.

6 inch	7 gauge	4 teeth	\$9.00
7 "	7 "	5 "	11.50
8 "	7 "	6 "	13.50
9 "	7 "	6 "	16.00
10 "	7 "	6 "	18.00
12 "	7 "	10 "	20.00
14 "	7 "	10 "	22.50
16 "	7 "	12 "	26.50
18 "	7 "	14 "	30.00

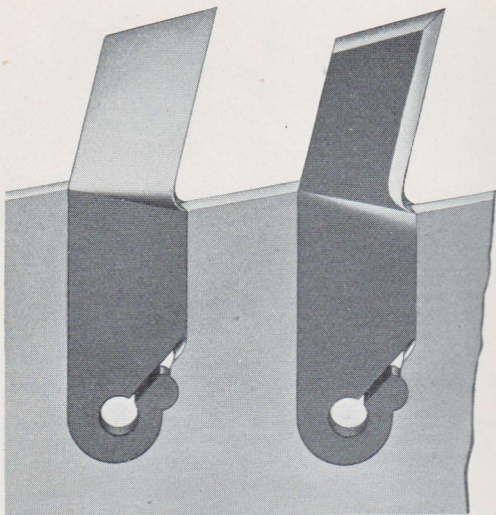
Above list covers saws fitted with points to cut either $\frac{1}{4}$ in., $\frac{5}{16}$ in., $\frac{3}{8}$ in., $\frac{7}{16}$ in., $\frac{1}{2}$ in., $\frac{9}{16}$ in., $\frac{5}{8}$ in., $\frac{11}{16}$ in., or $\frac{3}{4}$ in.

NO EXTRA POINTS OR SHANKS FURNISHED AT ABOVE PRICES

Extra points to cut	$\frac{1}{4}$ in., $\frac{5}{16}$ in., or $\frac{3}{8}$ in.	6 cents each
" " " "	$\frac{7}{16}$ in. or $\frac{1}{2}$ in.	12 " "
" " " "	$\frac{9}{16}$ in. or $\frac{5}{8}$ in.	14 " "
" " " "	$\frac{11}{16}$ in. or $\frac{3}{4}$ in.	16 " "

Shanks, 60 cents each

Simonds Inserted Tooth Cut-Off Saws



In making this saw we have not only drawn upon our experience as Saw Makers since 1832 but have done experimental work, and as a result we are convinced that this is the most successful type of Inserted Tooth Cut-Off Saw on the market.

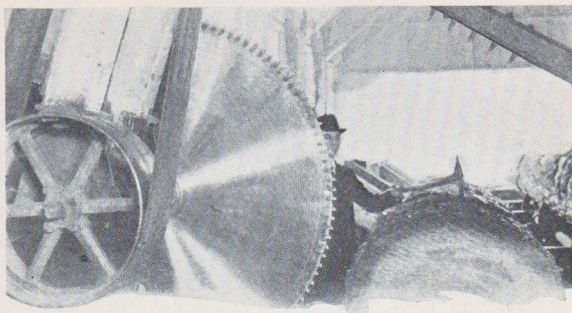
It is the only saw of the kind the teeth of which do not require some form of rivets, consequently the tension of the Simonds plate is not disturbed by the hammering of rivets, as often happens with other makes. Without rivets, teeth are more easily inserted or removed. When sprung into position they are firmly locked in the plate.

Because of the manner in which they are offset, the teeth may be worn out without resetting. They are provided with ample clearance from the point both downward and backward, the cutting point only coming in contact with the wood. Unnecessary friction is avoided in the Simonds Saw.

The forward hook angle of the teeth can be changed by filing a very slight amount from the point of the tooth at the desired angle. The "V" in the Simonds plate and the grooves in the teeth are machine milled, making mechanically perfect, close fitting joints. Full instructions for inserting and removing teeth are sent with each saw or box of points.

Simonds Inserted Tooth Cut-Off Saws are used chiefly by Pulp Mills and by Shingle and Stave Mills for cutting logs into short lengths or bolts. They may, however, be used for many other cutting-off purposes.

SIMONDS—"THE SAW MAKERS"



Simonds Inserted Tooth Cut-Off Saws Price List

Diameter Inches	Thickness Gauge	Standard No. Teeth	Price, each	Diameter Inches	Thickness Gauge	Standard No. Teeth	Price, each
16	11	24	\$42.00	52	7	88	207.00
18	11	26	46.00	54	7	92	231.00
20	11	30	50.00	56	7	96	252.00
22	11	34	55.00	58	7	98	280.00
24	11	38	60.00	60	6	102	308.00
26	10	42	66.00	62	6	106	343.00
28	10	44	72.00	64	6	110	385.00
30	9	48	78.00	66	6	114	420.00
32	9	52	84.00	68	6	116	455.00
34	9	56	90.00	70	6	120	497.00
36	9	60	96.50	72	6	124	546.00
38	8	62	103.50	74	6	128	615.00
40	8	66	112.00	76	5	132	700.00
42	8	70	124.50	78	5	134	790.00
44	8	74	134.50	80	5	138	885.00
46	8	78	145.50	82	5	142	985.00
48	8	80	158.00	84	5	146	1,090.00
50	7	84	178.00	86	5	150	1,200.00

No extra teeth included in above prices.

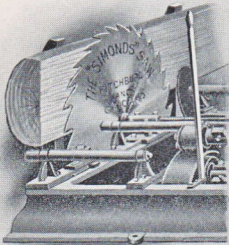
All saws of odd diameters, not listed, take prices of next larger size listed.

No extra charge for saws one gauge thicker than list; if more than one gauge thicker an extra charge for each additional gauge heavier will be made, the same as on Solid Circular Saws.

EXTRA TEETH for Simonds Inserted Tooth Cut-Off Saws 40 cents each.

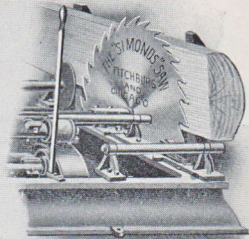
For each tooth inserted in excess of standard, add to the list \$1.25.

Right and Left Hand Circular Board Saws



LEFT HAND
SAW

LEFT HAND
SAW



RIGHT HAND
SAW

RIGHT HAND
SAW

N. B.—Standing in front of a circular saw (with the saw revolving towards you), if the log passes to the right of the saw it is a RIGHT HAND Saw; if to the left, a LEFT HAND Saw, as shown above.

Instructions for Ordering Simonds Board Saws

The following information should be given when ordering Circular Head Saws:—

- Number and Style of Saws wanted
- Diameter, inches
- Right or Left Hand
- Thickness of Center, gauge
- Thickness at Rim, gauge
- Number of Teeth, (If possible, give some latitude as to number)
- Size of Mandrel Hole
- Size of Pin Holes
- Distance apart Pin Holes, center to center
- Number of Revolutions per minute
- Greatest Feed each Revolution
- Kind of Timber to be sawed

If convenient, send impression of holes taken on a piece of clean white letter paper by pressing against edge of holes.

If Inserted Point Saws are wanted, state style of tooth whether B, D, F, K; or plain or IXL styles 2, 2½, or 3.

Blanks will be furnished for ordering Saws, upon application.

Do not tear out this page

Simonds Circular Saws

Flattened Without Hammering

Such sudden and strenuous changes occur when a Circular Saw plate is hardened by being plunged when red hot into a cold oil solution, that twists and strains in the plate are the inevitable result. These twists must be removed if the plate is to be flat.

Tempering reduces the degree of hardness but does not alter the shape of the plate, at least when done in the ordinary way, which necessitates hammering the plate all over to get it approximately flat. The Simonds method of tempering under pressure flattens the plate at the same time, thus saving the abuse given the metal when flattened under the hammer. The less a saw plate is hammered, the better the finished saw.

Much of the unusual success of Simonds Circular Saws over other brands when operated under the most strenuous mill conditions is due to our scientific method of tempering and flattening under pressure, both operations being done at one and the same time.

This does not mean that a hammer never touches a Simonds Circular plate. The accompanying pictures prove the contrary, as do also our explanations in previous editions of our catalog. The teeth of the saw are punched on a large punch press, then lightly hammered, as indicated in the second picture,



Simonds Circular Saws

(Continued)



to overcome any deviation caused by punching the teeth.

Speed and Tension are put in a finished Circular by hammering. Filers and other Millmen are thoroughly familiar with this process. It is shown in the fourth picture. A plate must be opened up, tensioned, as it is called, throughout a portion between the mandrel hole and the rim, to counterbalance the pull caused by centrifugal force when the saw is speeded up on a mill. The larger the plate and the higher the speed, the greater the required tensioning.

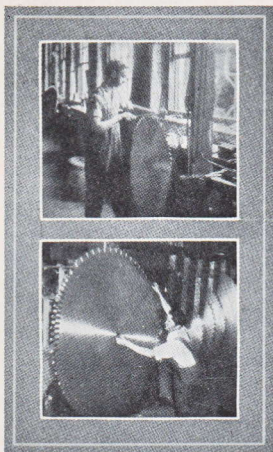
Our method of straightening the saw undoubtedly gives much more strength and standing up quality to a Simonds Saw than any other method ever used. We therefore make the claim that our saws will stand heavier crowding and heavier feed than any other saws on the market.

Know Your Mill

The kind of work done by a Circular Saw depends much on the condition of the mill. Amount of power, alignment of carriage, loose bearings, lost motion, and lead of the blade are questions to be carefully considered in relation to each individual equipment.

Simonds Circular Saws

(Continued)



SIMONDS SAWS

PROPERLY HANDLED IN
PERFECTLY GOOD LOGS MAKE
PERFECTLY GOOD LUMBER

and that kind of lumber means
profit for the Manufacturer.

In order that our saws should be made of steel possessing just the desired analysis, it is necessary for us to own and operate a modern and thoroughly up-to-date Crucible Steel Mill. This is located at Lockport, N. Y., equidistant from our factories at Fitchburg, Mass., Chicago, Ill., and Montreal, Que., and we invite all Millmen when near Lockport to call and see the manufacture of Simonds Steel.

The Average Speed of Circular Saws

Diameter Inches	Revolutions per Minute	Diameter Inches	Revolutions per Minute
8	4,600	40	980
10	3,920	44	890
12	3,260	48	815
16	2,450	52	750
20	1,960	56	700
24	1,630	60	640
28	1,400	64	600
32	1,225	68	560
36	1,080	72	530

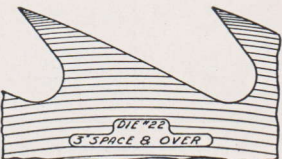
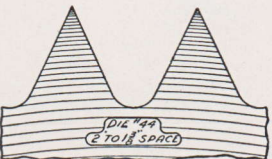
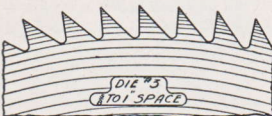
The above table is figured on a rim speed of 10,000 feet per minute.

Standard Styles of Circular Saw Teeth

Styles of Circular Saw Teeth in general use. We recommend that these styles be specified on orders, but we will make on special order any standard tooth wanted. These illustrations are one half actual size.

CUT-OFF

SPLITTING



The Standard Number of Teeth in Circular Saws

Diam., Ins.	Splitting	Cut-off	Diam., Ins.	Splitting	Cut-off
4	36 or 40	100	24	36	72 or 80
5	36 or 40	100	26	36	72 or 80
6	36 or 40	100	28	36	72 or 80
7	36 or 40	100	30	36	72 or 80
8	36 or 40	100	32	36	72 or 80
10	36 or 40	90, 100 or 120	34	36	72 or 80
12	30, 36 or 40	90, 100 or 120	36	36	72 or 80
14	30, 36 or 40	90, 100 or 120	38	36	72 or 80
16	30, 36 or 40	80, 90, 100 or 120	40	36 or 40	72, 80 or 90
18	36	80, 90, 100 or 120	42	36 or 40	72, 80 or 90
20	36	72, 80 or 90	44	36 or 40	80 or 90
22	36	72 or 80	46	36 or 40	80 or 90

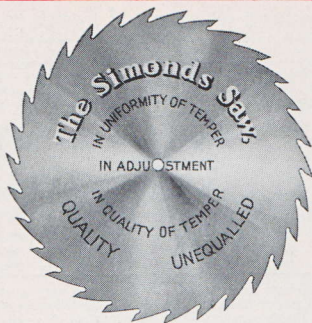
It is impossible to cover in table form all the varying conditions under which the larger sizes of Circular Saws are operated, but the following will give a good general idea of the number of teeth suited to different conditions of speed and feed. Material variations in either speed or feed will possibly require changes from the number of teeth here shown. We shall be glad at any time to give our customers the benefit of our experience in determining the number and style of teeth best adapted to their conditions.

Rim Speed per Minute	SPLITTING SAWS						CUT-OFF SAWS
	..... 8,000 Ft.....		..... 10,000 Ft.....		..... 12,000 Ft.		
	Feed p. Rev. 4 In. and Less.....		..... Over 4 In. to 6 In....		..... Over 6 In.		
Diam., Ins.	Rev. per Minute	Number of Teeth	Rev. per Minute	Number of Teeth	Rev. per Minute	Number of Teeth	
48	640	30 or 36	795	36, 44 or 48	..	..	80, 90 or 100
50	610	30 or 36	765	40, 44 or 50	..	..	80, 90 or 100
52	585	30 or 36	735	44, 48 or 52	..	..	80, 90 or 100
54	565	30, 36 or 40	705	44, 50 or 54	..	..	90 or 100
56	545	30, 36 or 40	680	50, 56 or 60	820	80 or 90	90 or 100
58	525	36, 40 or 44	660	50, 56 or 60	790	80 or 90	90, 100 or 120
60	510	36, 40 or 44	635	50, 56 or 60	765	80 or 90	100, 120 or 150
62	490	40, 44 or 48	615	62	740	80 or 90	100, 120 or 150
64	475	40, 44 or 48	595	64	715	80 or 90	100, 120 or 150
66	..	..	580	66	695	90 or 100	100, 120 or 150
68	..	..	560	68	675	90 or 100	120, 144 or 150
70	..	..	545	70	655	90 or 100	120, 144 or 150
72	..	..	530	72	635	90 or 100	120, 130 or 140

Diam., Ins.	Resaws	Edgers	Diam., Ins.	Shingles
16		18, 20, 24, 30	36	60, 72, 80
18	36, 40, 44, 48	18, 20, 24, 30	38	60, 72, 80, 90, 100
20	36, 40, 44, 48	20, 24, 30	40	60, 72, 80, 90, 100
22	36, 40, 44, 48	20, 24, 30	42	60, 72, 80, 90, 100
24	36, 40, 44, 48	24, 30, 36	44	60, 72, 80, 90, 100
26	40, 50, 60	24, 30, 36	..	..
28	40, 50, 60	..	..	..
30	40, 50, 60	..	..	..
32	40, 50, 60	..	..	..
34	50, 60, 72	..	..	..
36	50, 60, 72	..	..	..
38	50, 60, 72	..	..	..

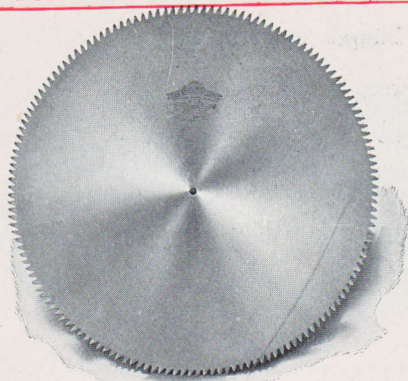
SIMONDS—"THE SAW MAKERS"

Solid
Tooth
Circular
Saws



Diameter Inches	Thickness Gauge	Size Hole Inches	Price Each	Extra for Each Gauge Heavier	Beveling New Saws Per Gauge	NET PRICES Extra for Setting and Sharpening if	
						Rip	Cross-cut
1	24	3/8	\$1.00	\$0.01	\$0.06	\$0.03	\$0.04
1 1/2	24	3/8	1.00	.01	.07	.03	.05
2	23	3/8	1.00	.01 1/2	.08	.04	.05
2 1/2	22	3/8	1.00	.02	.09	.04	.06
3	21	1/2	1.00	.02 1/2	.10	.05	.06
3 1/2	20	1/2	1.00	.03	.12	.05	.07
4	19	3/4	1.20	.03	.14	.06	.07
5	19	3/4	1.50	.04	.16	.06	.08
6	18	3/4	1.80	.05	.18	.07	.10
7	18	3/4	2.10	.06	.20	.08	.11
8	18	7/8	2.40	.08	.22	.10	.13
9	17	7/8	2.80	.10	.25	.11	.14
10	16	1	3.30	.12	.28	.12	.16
11	16	1	3.90	.16	.30	.13	.18
12	15	1	4.40	.20	.35	.15	.20
14	14	1 1/8	5.30	.25	.40	.18	.23
16	14	1 1/8	6.50	.30	.50	.20	.25
18	13	1 1/4	8.00	.40	.60	.23	.28
20	13	1 5/16	9.50	.50	.70	.25	.32
22	12	1 5/16	11.50	.60	.80	.28	.35
24	11	1 3/8	13.50	.70	.90	.31	.40
26	11	1 3/8	16.00	.85	1.05	.35	.45
28	10	1 1/2	18.50	1.00	1.20	.38	.50
30	10	1 1/2	21.00	1.15	1.30	.42	.55
32	10	1 5/8	24.00	1.30	1.40	.45	.60
34	9	1 5/8	27.00	1.50	1.55	.50	.65
36	9	1 5/8	31.00	1.80	1.70	.55	.70
38	9	1 5/8	35.00	2.00	1.85	.60	.75
40	9	2	41.00	2.30	2.00	.65	.80
42	8	2	47.00	2.60	2.20		.85

SIMONDS—"THE SAW MAKERS"



Solid Tooth Circular Saws Continued

Complete
Instructions
for ordering on
page 16

Diameter Inches	Thickness Gauge	Size Hole Inches	Price Each	Extra for Each Gauge Heavier	Beveling New Saws Per Gauge	NET PRICES Extra for Setting and Sharpening if	
						Rip	Cross-cut
44	8	2	\$55.00	\$3.00	\$2.40	..	\$0.90
46	8	2	65.00	3.50	2.60	..	1.00
48	8	2	75.00	4.00	2.80	..	1.10
50	7	2	85.00	4.50	3.00	..	1.20
52	7	2	95.00	5.00	3.25	..	1.30
54	7	2	105.00	6.00	3.50	..	1.40
56	7	2	120.00	7.00	3.75	..	1.50
58	7	2	135.00	8.00	4.05	..	1.60
60	6	2	150.00	9.00	4.35	..	1.70
62	6	2	170.00	10.00	4.65	..	1.80
64	6	2	190.00	12.00	5.00	..	1.90
66	6	2	210.00	15.00	5.35	..	2.00
68	5	2	235.00	18.00	5.75	..	2.10
70	5	2	265.00	21.00	6.15	..	2.20
72	5	2	300.00	24.00	6.55	..	2.30
74	5	2	340.00	27.00	7.00	..	2.40
76	5	2	390.00	30.00	7.50	..	2.50
78	5	2	465.00	34.00	8.10	..	2.60
80	5	2	550.00	38.00	8.80	..	2.70
82	5	2	640.00	43.00	9.60	..	2.80
84	5	2	730.00	48.00	10.50	..	3.00

All saws of odd diameters, not listed, take price of next larger size listed.

Circular Saws for Bone, Horn, and Ivory, add 50 per cent to above list.

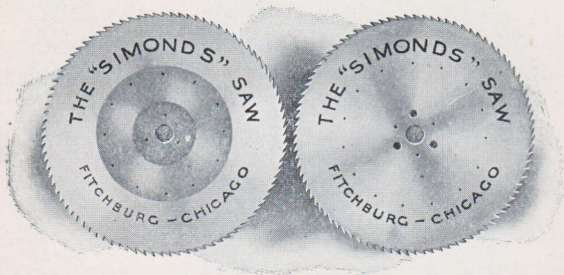
No extra charge for saws one gauge thicker than list.

No extra charge for saws one, two or three gauges thinner than list; when more than three gauges thinner, add 5 per cent to list for each gauge. Circular Saws 48 inches and larger, thinner than 10 gauge, are not warranted.

Circular Saws 42 inches or less in diameter beveled one gauge without extra charge; 44 inches or larger, beveled two gauges without extra charge.

Circular Saws hollow ground or concaved, add for each gauge, hollow ground or concaved, double the list for beveling.

Shingle and Heading Saws



LEFT HAND SAW

RIGHT HAND SAW

Diameter	Price Each	Diameter	Price Each
30 inch	\$32.00	46 inch	\$85.00
32 "	35.00	48 "	100.00
34 "	38.00	50 "	115.00
36 "	42.00	52 "	135.00
38 "	47.00	54 "	155.00
40 "	53.00	56 "	175.00
42 "	65.00	58 "	195.00
44 "	72.00	60 "	215.00

Above list is for saws beveled not more than 8 gauges, and with thickness at center of same gauge as shown in Solid Tooth Circular Saw list for saws of same diameter, but one gauge thicker is allowed without extra charge.

For any additional thickness or beveling, add for each gauge thicker or gauge beveling as per Solid Tooth Circular Saw list.

When ordering Shingle or Heading Saws give the following specifications: diameter of saw in inches; thickness or gauge at center and at rim; number of teeth; right or left hand; speed of saw; name of maker of machine and size of flange.

If new flange is required, send full size template of old flange, showing size and location of all holes.

If saw only is required, send the old flange to us to be fitted to the saw, or if this cannot be done, send template of holes and a sample screw by which to drill and countersink saw.

Collars for Shingle and Heading Saws or Resaws

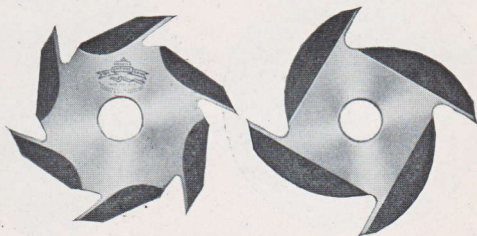
New Cast Iron Flanges for standard makes of shingle machines fitted to new saws, \$1.50 per inch in diameter.

New Steel Flanges 8 inches to 26 inches in diameter, $\frac{3}{4}$ inch thick or less, fitted to new saws, either with screws or rivets, \$1.00 per inch.

Flanges other than above, special price.

Fitting old flanges to new saws, \$2.00 each, net.

Lock Corner Cutters

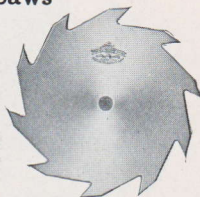


Price on Lock Corner Cutters in lots of less than twelve, Groover Saw list, plus 25 cents per tooth when scarfed.

In lots of twelve or more, Groover Saw list, plus 12½ cents per tooth when scarfed.

The above addition subject to the same discount as saws.

Grooving Saws



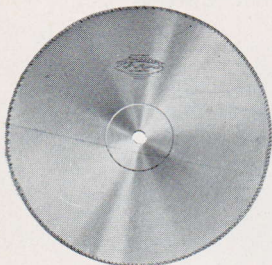
Diam Inch	No. of Teeth	THICKNESS								
		¼ inch	⅜ inch	½ inch	⅝ inch	¾ inch	⅞ inch	1 inch	1 1/8 inch	1 1/4 inch
3	5	\$1.60	\$2.20	\$4.00	\$4.60	\$5.20	\$5.80	\$6.40	\$7.50	\$8.50
4	5	1.80	2.50	4.80	5.50	6.20	6.80	7.60	8.80	10.00
5	6	2.00	2.80	5.60	6.40	7.20	8.00	8.80	10.20	12.00
6	8	2.30	3.20	6.40	7.30	8.20	9.10	10.00	11.60	14.00
7	8	2.70	3.70	7.20	8.20	9.20	10.20	11.20	13.20	16.00
8	10	3.20	4.30	8.00	9.20	10.40	11.60	12.70	15.00	18.00
9	10	3.80	5.00	9.00	10.30	11.60	12.90	14.30	16.80	20.00
10	10	4.40	5.80	10.00	11.40	12.90	14.40	15.90	18.80	22.00
11	11	5.00	6.70	11.00	12.60	14.20	15.90	17.60	20.80	24.00
12	12	5.70	7.70	12.00	13.80	15.60	17.40	19.20	23.00	26.00
14	14	7.00	9.80	14.00	16.00	18.00	20.00	22.00	26.00	30.00
16	16	8.40	12.00	16.00	18.30	20.60	22.90	25.20	30.00	35.00

Bevel Grooving Saws, add 10 per cent to above prices.

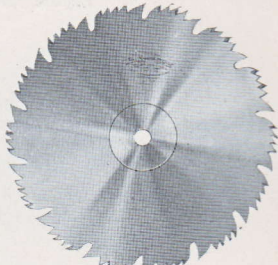
Grooving Saws with teeth shaped and backed off, add 50 per cent to above prices.

Special Grooving Saws made to order, special prices.

Simonds Circular Mitre and Novelty Saws

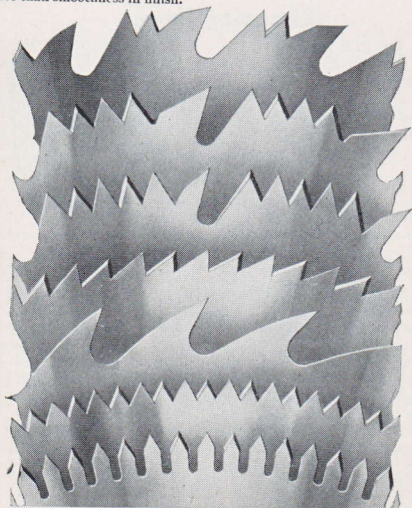


MITRE



NOVELTY

Mitre and Novelty Saws are both ground tapering to the collar, to run without set and provide ample clearance. They are especially adapted to smooth, clean cutting, such as cabinet and cigar-box work. Novelty Saws will not cut as fast as saws with ordinary splitting or cutting-off teeth, and their use is not advised when crowding the work is considered of more importance than smoothness in finish.



STYLE

A

B

C

D

E

F

G

Saws furnished with any of the styles of teeth illustrated above. We can make to order practically any other style tooth desired. Unless otherwise specified, Style B is furnished on Novelty Saws.

Simonds Circular Mitre and Novelty Saws

Novelty Saws are made for either cutting off or ripping. When ordering specify which is desired.

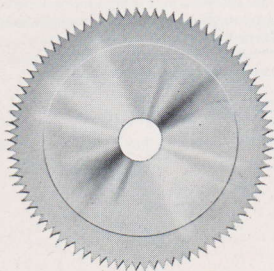
LIST PRICES

Size Inches	Gauge at Hole	Gauge at Edge of Collar	Gauge at Teeth	Extra for Each Gauge Heavier	Extra for Each Additional Gauge Beveling	Price Each
4	18	21	18	\$0.03	\$0.14	\$3.00
5	17	20	17	.04	.16	3.60
6	17	20	17	.05	.18	4.20
7	16	19	16	.06	.20	4.80
8	16	19	16	.08	.22	5.40
9	15	18	15	.10	.25	6.00
10	15	18	15	.12	.28	6.70
11	14	17	14	.16	.30	7.50
12	14	17	14	.20	.35	8.30
14	13	16	13	.25	.40	9.80
16	13	16	13	.30	.50	11.60
18	12	15	12	.40	.60	13.70
20	12	15	12	.50	.70	16.20
22	11	14	11	.60	.80	19.00
24	11	14	11	.70	.90	22.00

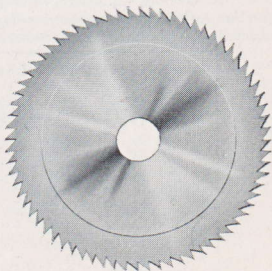
Above list includes filing teeth, so that saw is ready for use.

The cut shows the way Mitre Saws and Novelty Saws are ground, and the gauge at hole gauge at edge of collar, and gauge at teeth are shown in the list.

Thin Rim Special Ground Circular Saws



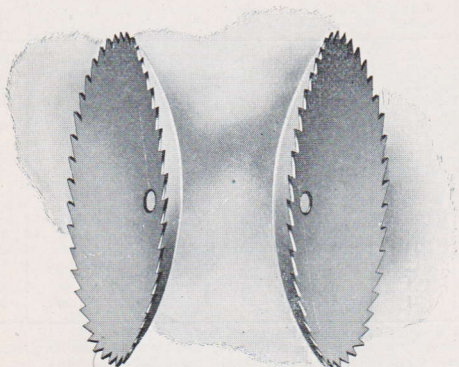
CUT-OFF TOOTH



RIP TOOTH

These saws, as may be seen in the sectional view, are ground very thin for a short distance back from the teeth, and the body of the saw is much thicker, to give strength and stiffness. They are made with either cut-off or rip teeth, for very fine, smooth, light cutting. These saws take the Novelty Saw Price List printed above.

Concave Saws



LEFT HAND SAW

RIGHT HAND SAW

When ordering Concave Saws give circle to be dished to, or give the diameter of the old saw and the amount of drop in the old saw, accurately measured; also give the greatest diameter of the heading to be cut. State which side is to be dished or concaved, right or left hand, as the saw runs towards you

4	inch.	16	gauge,	\$2.30;	for each additional gauge	5 cents extra
5	"	16	"	2.40	" "	5 "
6	"	16	"	2.50	" "	5 "
7	"	15	"	2.90	" "	6 "
8	"	15	"	3.30	" "	8 "
9	"	15	"	3.80	" "	10 "
10	"	14	"	4.60	" "	12 "
11	"	14	"	5.40	" "	16 "
12	"	14	"	6.20	" "	20 "
14	"	13	"	7.60	" "	25 "
16	"	13	"	9.50	" "	30 "
18	"	12	"	11.30	" "	40 "
20	"	12	"	14.20	" "	50 "

Saws concaved to a smaller circle than 16 inches, extra price

Resawing or Siding Saws

Diameter Inches	Gauge	Price	Diameter Inches	Gauge	Price
16	13×17	\$8.00	28	9×13	\$22.10
16	12×16	8.30	28	9×14	23.30
16	11×15	8.60	28	8×13	24.30
18	12×16	9.80	30	9×13	24.90
18	11×15	10.20	30	9×14	26.20
18	12×17	10.40	30	8×13	27.35
20	12×16	11.60	32	9×13	28.20
20	11×15	12.10	32	9×14	29.60
20	12×17	12.30	32	8×13	30.90
22	11×15	13.90	34	9×13	31.65
22	10×14	14.50	34	8×13	33.20
22	11×16	14.70	34	8×14	34.75
24	10×14	16.20	36	8×13	37.80
24	9×13	16.90	36	8×14	39.50
24	10×15	17.10	36	7×14	43.00
26	10×14	19.15	38	8×12	40.55
26	9×13	20.00	38	8×13	42.40
26	10×15	20.20	38	7×13	46.25

NOTE. — List prices of all resaws are figured by using Solid Tooth Circular Saw list, adding extra gauges heavy and gauges beveling, allowing one gauge heavier than standard and one gauge beveling on saws 42 inches and less in diameter, and two gauges on saws 44 inches and over, without extra charge.

Edger Saws (Solid Tooth)

Diameter Inches	PRICE				
	Gauge 8	Gauge 9	Gauge 10	Gauge 11	Gauge 12
12	\$5.60	\$5.40	\$5.20	\$5.00	\$4.80
14	6.55	6.30	6.05	5.80	5.55
16	8.00	7.70	7.40	7.10	6.80
18	9.60	9.20	8.80	8.40	8.00
20	11.50	11.00	10.50	10.00	9.50
22	13.30	12.70	12.10	11.50	11.50
24	14.90	14.20	13.50	13.50	13.50

Circular Saws for Sawing Slate

Diameter Inches	Gauge	Price	Extra for Each Gauge Heavier
14	10	\$4.25	\$0.14
16	10	5.25	.17
18	9	6.75	.20
20	8	7.75	.23
22	7	9.50	.30
24	6	11.00	.37
26	6	12.50	.43
28	5	14.25	.53
30	5	16.00	.60
32	5	17.75	.67
34	5	19.50	.80
36	4	22.50	.93
38	4	25.50	1.17
40	4	30.00	1.33

No extra charge for saws one gauge heavier than named in above list

Lathe Saws For Roughing Handles

Diam. Inches	Gauge	Price Each	Extra for Each Additional Gauge (heavier)	Diam. Inches	Gauge	Price Each	Extra for Each Additional Gauge (heavier)
6	9	\$2.00	\$0.12	12	6	\$3.60	\$0.20
7	9	2.25	.12	13	6	4.00	.25
8	9	2.50	.15	14	6	4.50	.25
9	8	2.75	.15	15	5	5.00	.30
10	7	3.00	.20	16	5	5.60	.30
11	7	3.30	.20				

Repairing Circular Saws

Diameter	Hammering	Gumming and Hammering	Retooling and Hammering	Grinding		Setting and Sharpening
				First Gauge	Each Addition- al Gauge	
4 inch	\$0.20	\$0.40	\$0.50	\$0.35	\$0.18	\$0.35
6 "	.30	.50	.60	.40	.21	.45
8 "	.40	.65	.70	.50	.25	.55
10 "	.50	.80	.90	.60	.35	.65
12 "	.60	.90	1.15	.70	.45	.75
14 "	.70	1.00	1.35	.90	.60	.85
16 "	.80	1.20	1.55	1.10	.70	.95
18 "	.95	1.40	1.75	1.30	.80	1.05
20 "	1.10	1.65	2.25	1.45	.90	1.15
22 "	1.25	1.90	2.55	1.65	1.00	1.30
24 "	1.40	2.15	2.85	1.80	1.12	1.45
26 "	1.60	2.40	3.15	2.00	1.25	1.60
28 "	1.80	2.70	3.50	2.25	1.35	1.75
30 "	2.00	3.00	4.00	2.55	1.45	1.95
32 "	2.20	3.30	4.40	2.80	1.55	2.15
34 "	2.45	3.70	4.85	3.10	1.70	2.35
36 "	2.75	4.10	5.30	3.35	1.85	2.55
38 "	3.30	5.00	6.40	3.65	2.00	2.75
40 "	3.80	6.00	7.75	3.80	2.20	2.95
42 "	4.40	7.00	9.00	4.00	2.40	3.15
44 "	5.00	7.85	9.80	4.30	2.70	3.35
46 "	5.50	8.50	10.60	4.70	3.00	3.60
48 "	6.00	9.00	11.25	5.10	3.35	3.80
50 "	6.50	9.75	12.20	5.50	3.60	4.10
52 "	7.10	10.70	13.35	6.00	4.00	4.40
54 "	7.60	11.75	14.70	6.75	4.30	4.70
56 "	8.20	12.95	16.20	7.40	4.60	5.00
58 "	9.00	13.95	17.40	8.05	4.85	5.30
60 "	9.80	14.95	18.60	8.90	5.25	5.60
62 "	10.60	16.00	20.00	9.70	5.65	6.00
64 "	11.50	17.10	21.30	10.50	6.05	6.30
66 "	12.30	18.20	22.60	11.35	6.45	6.60
68 "	13.10	19.70	24.00	12.10	7.00	6.90
70 "	14.00	21.25	25.50	12.95	7.55	7.20
72 "	15.00	23.50	28.00	13.75	8.10	7.50

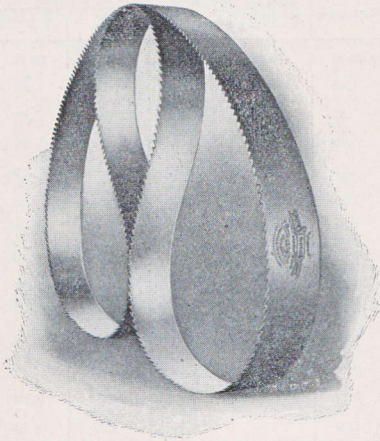
When saw is ground, add price of hammering to price of grinding. Gumming and retooling prices cover sizes of saws after they have been repaired. All breakages at risk of owner.

Owner's name should appear on each package or board to insure identification at the factory.

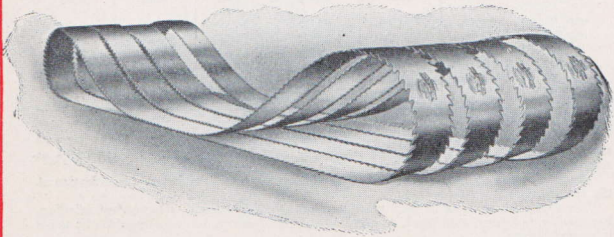
We repair burnt saws at half price new ones, which includes retempering, grinding, hammering, polishing, etc. Such repairs are at risk of owner, but no charge will be made in case of failure.

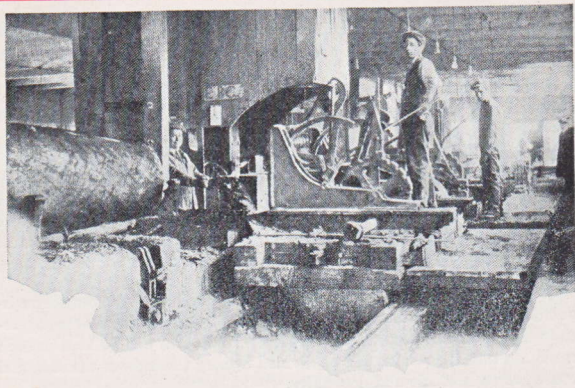
Shingle and other thin bevel saws generally will not permit being retempered.

Simonds Wide Band Saws



Our Wide Band Saws are Universally
Recognized as More Economical
They Will Cut More Lumber
They Will Hold Their Edge
They Will Hold Their Tension } Longer } THAN
OTHER
SAWS





Simonds Nickel Alloy Steel Band Saws

The prospective purchaser of any article desires to know its value as compared with competitive articles in the same class.

The steel for Simonds Band Saws is made by using a high percentage of new Swedish iron together with such alloys as will give the greatest toughness and keenness of cutting edge, the principal of which, in Band

(Continued on page 34)

Simonds Silver Solder

For Brazing Band Saws

A good flowing and strong solder.

Made in the following widths : $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, and 1 inch.

Thickness: .002, .003, .004 inch.

Put up in one-ounce pasteboard or brass boxes.

Price \$1.00 per ounce

Write for Discounts



SIMONDS—"THE SAW MAKERS"

Saws, is nickel. It is well known among steel experts that nickel gives to certain steels a toughness not obtainable by any other alloy.

We have found that the resistance required in Band Saws can best be obtained by a liberal use of this alloy — nickel. Any one can use it, but few are doing so, owing to the added cost per pound of the steel.

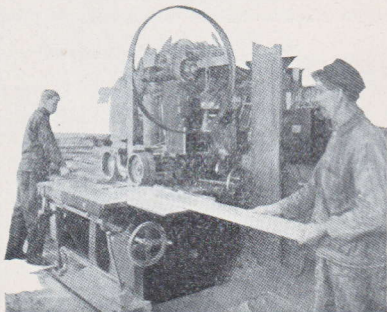
Simonds Manufacturing Company have been putting out nickel alloy steel Band Saws for a dozen or more years. No matter what the price of competitive saws may be, if they are not made of nickel alloy steel they are dear in comparison. We advise our clients to demand nickel alloy steel for their Band Saws whether they buy them of us or of any one else.

As the saws are ground with practically no variation in gauge throughout the entire length of the saw, Filers and Mechanics will readily appreciate that with this accuracy of manufacture the saw can be kept in such condition that the strains will be divided equally throughout the saw, and consequently add life and durability.

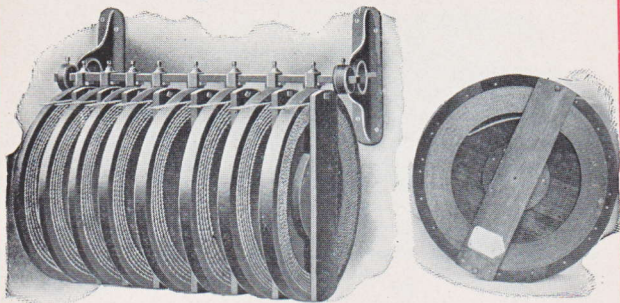
In combining this care of manufacture with the Simonds process of tempering, the toughness of the steel, the quality of the cutting edge,

We challenge the world to produce a Band Saw any better or even as good as Simonds

Our own tests, and the letters which we are furnished from many mills where our saws have been used in competition with other makes, seem to fully warrant our claim that the Simonds Band Saws are tougher, will hold their tension longer, stand more feed, and do more work than any other saw on the market. Prove these facts to your own satisfaction and you will agree with us that the Simonds is the most economical Band Saw.



Narrow Band Saws



Simonds Narrow Band Saws are furnished either joined, or as separate saws, or in coils as shown above.

Our aim is always to have high quality saws.

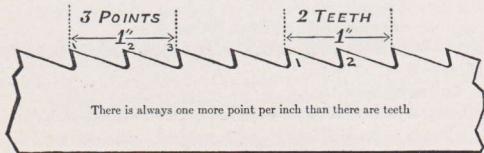
We have originated a Rig for carrying Narrow Band Saws in stock.

The Rig is furnished free with an order for 2,000 or more feet of Narrow Band Saws, assorted in such sizes as may be your best sellers. A well assorted stock for the Rig would cover saws from $\frac{3}{16}$ to 1 inch wide.

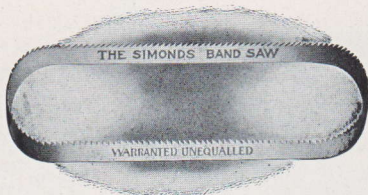
The saw revolves only when projecting piece is pulled out from its board. By using this Rig, a larger assortment in gauges and widths can be carried, and less space be taken. The Rig will often save enough odd inches per coil to make an extra saw.

Points or Teeth?

The illustration herewith shows clearly the difference between "points per inch" and "teeth per inch." When ordering Narrow Band Saws always specify the number of teeth per inch.



Simonds Narrow Band Saws



SPECIAL NOTICE.—Narrow Band Saws are furnished *Set and Filed*, but not Brazed.

Width, Inches	Usual Gauge	Number of Teeth to Inch	Price per Foot
$\frac{1}{8}$	22 or 23	6 or 7	\$0.13
$\frac{3}{16}$	21 or 22	6	.13
$\frac{1}{4}$	21 or 22	5 or 6	.13
$\frac{3}{8}$	21 or 22	4 or 5	.14
$\frac{1}{2}$	21 or 22	3 $\frac{1}{2}$ or 4	.15
$\frac{5}{8}$	20 or 21	3-3 $\frac{1}{2}$ or 4	.17
$\frac{3}{4}$	20 or 21	2 $\frac{1}{2}$ or 3	.19
$\frac{7}{8}$	20 or 21	2 $\frac{1}{2}$ or 3	.21
1	20 or 21	$\frac{1}{2}$ " or $\frac{3}{8}$ " pt. to pt.	.23
1 $\frac{1}{8}$	19 or 20	$\frac{3}{4}$ " or $\frac{5}{8}$ " pt. to pt.	.25
1 $\frac{1}{4}$	19 or 20	$\frac{1}{2}$ " $\frac{3}{8}$ " or $\frac{1}{4}$ " pt. to pt.	.27
1 $\frac{3}{8}$	19 or 20	$\frac{1}{2}$ " $\frac{3}{8}$ " or $\frac{1}{4}$ " pt. to pt.	.30
1 $\frac{1}{2}$	19 or 20	1" or 1 $\frac{1}{4}$ " pt. to pt.	.33
1 $\frac{3}{4}$	19 or 20	1" or 1 $\frac{1}{4}$ " pt. to pt.	.36

Above prices cover saws *Set and Filed*, but not Brazed.

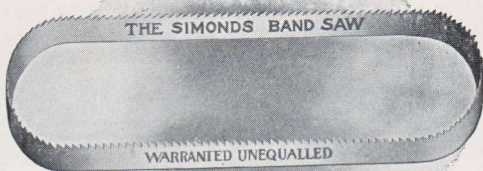
BRAZING.— $\frac{1}{2}$ in. and less, 15 cents; $\frac{3}{8}$ in. to $\frac{7}{8}$ in., 20 cents; 1 in. to 1 $\frac{1}{4}$ in., 25 cents; 1 $\frac{3}{8}$ in. to 1 $\frac{3}{4}$ in., 30 cents.

Prices for brazing are net.

In ordering, state length, width, gauge, and number of teeth to inch.

Write for Discounts

Wide Band Saws



BRAZED AND FITTED

Width	Usual Gauge	Price per Foot
2 inch	18 to 20	\$0.80
2½ "	18 to 20	1.00
3 "	18 to 20	1.20
3½ "	18 to 20	1.40
4 "	17 to 19	1.60
4½ "	17 to 19	1.80
5 "	17 to 19	2.00
5½ "	17 to 19	2.20
6 "	17 to 19	2.40
7 "	16 to 18	2.80
8 "	14 to 16	3.20
9 "	14 to 16	3.60
10 "	14 to 16	4.00
11 "	14 to 16	4.50
12 "	13 to 15	5.00
13 "	13 to 15	6.00
14 "	13 to 15	7.00
15 "	12 to 14	8.50
16 "	12 to 14	10.00
17 "	12 to 14	14.00
18 "	12 to 14	18.00

Saws of odd widths, not listed, take price of next wider size listed.

For saws of heavier gauge than listed add 5 per cent to list for each gauge heavier.

No extra charge for saws one or two gauges thinner than list; when more than two gauges thinner, add 5 per cent to list for each gauge.

Double Edge Band Saws. List price per foot, all widths, advance 10 per cent over list prices of single edge saws as above.

Toothed Blanks. Same price as finished saws.

Band Saw Blanks. Bright, of any width, furnished to order, but not warranted.

Styles of Teeth in Wide Band Saws

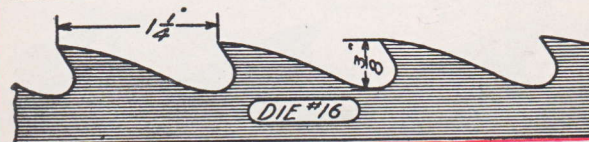
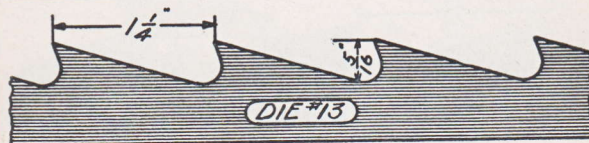
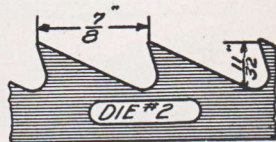
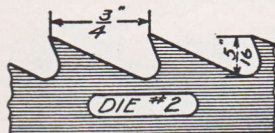
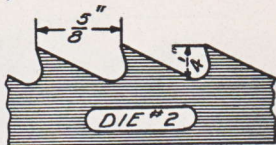
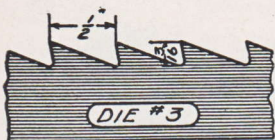
On the three following pages are shown our standard shapes of teeth for Wide Band Saws, and the table below shows the die numbers which we use for saws of different widths and gauges.

Width	Gauge	Distance from Point to Point of Teeth.												
		$\frac{3}{8}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.	1 $\frac{3}{4}$ in.	2 in.	2 $\frac{1}{4}$ in.	2 $\frac{1}{2}$ in.	2 $\frac{3}{4}$ in.	3 in.	3 $\frac{1}{2}$ in.
2	18-21	2	*13 or 16	*13 or 16	15	..	..	..	..	..	..	..	..	..
2 $\frac{1}{2}$	18-21	2	*13 or 16	*13 or 16	15	..	..	..	..	..	..	..	..	..
3	18-21	2	*13 or 16	*13 or 16	15	..	..	..	..	..	..	..	..	..
3 $\frac{1}{2}$	18-21	2	*13 or 16	*13 or 16	15	..	..	..	..	..	..	..	..	..
4	17-21	..	..	*13 or 16	15	15	..	..	..	..	..	..	..	..
4 $\frac{1}{2}$	17-21	..	..	*13 or 16	15	15	..	..	..	..	..	..	..	..
5	17-21	..	..	*13 or 16	15	15	..	..	..	..	..	..	..	..
5 $\frac{1}{2}$	17-21	..	..	*13 or 16	15	15	..	..	..	..	..	..	..	..
6	17-21	..	..	*13 or 16	15	15	..	..	..	..	..	..	..	..
6	17-18	..	..	16	15	15	..	..	..	..	..	..	..	..
7	17-18	..	..	16	15	15	..	..	..	..	..	..	..	..
7	16	..	..	15	48	47	..	..	..	..	..	..	..	..
8	15	..	..	..	48	49	..	..	..	..	..	..	..	..
8	16	..	..	..	48	47	..	..	..	..	..	..	..	..
9	17-18	..	..	..	47	47	..	..	..	..	..	..	..	..
9	14-15	..	..	..	48	49	50	50	..	..	..	..	..	..
9	16-17	..	..	..	48	47	..	..	..	..	..	..	..	..
10	14-15	..	..	..	48	49	50	50	..	..	..	..	..	..
10	16-17	..	..	..	48	47	..	..	..	..	..	..	..	..
11	14-15	..	..	..	48	49	50	50	..	..	..	..	..	..
11	16	..	..	..	48	47	..	..	..	..	..	..	..	..
12	13-14	..	..	..	48	49	50	50	55	..	..	..	..	..
12	15-16	..	..	..	48	49	..	..	..	..	..	..	..	..
13	12-14	..	..	..	48	49	50	50	55	..	..	..	..	..
14	12-14	..	..	..	48	49	50	50	55	..	..	..	..	..
15	12-13	..	..	..	..	..	50	50	55	57	57	60	60	60
16	12-13	..	..	..	..	..	50	50	55	57	57	60	60	60
17	12-13	..	..	..	..	..	50	50	55	57	57	60	60	60
18	12-13	..	..	..	..	..	50	50	55	57	57	60	60	60

*Die No. 13 is for Spring Set and Die No. 16 is for Swage Set.

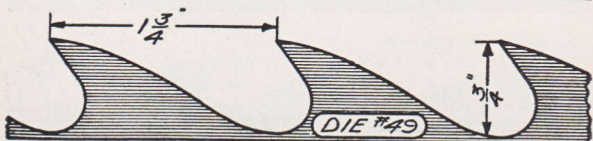
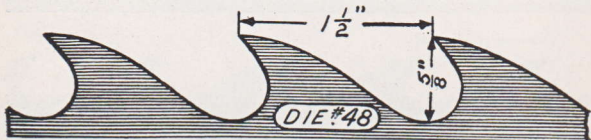
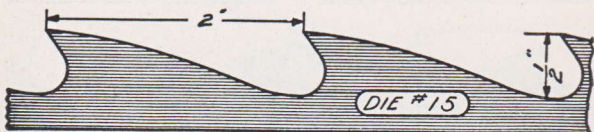
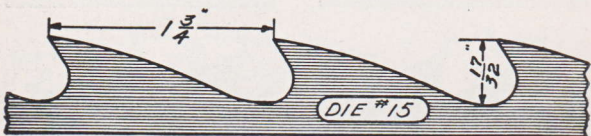
Simonds Band Saws

The illustrations herewith show spacing and depth of teeth, also patterns or die numbers commonly used. When ordering please refer to style tooth wanted.



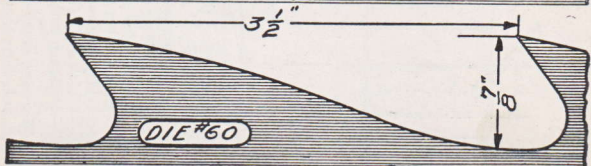
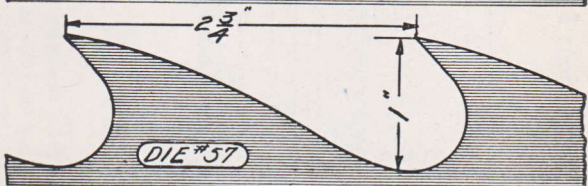
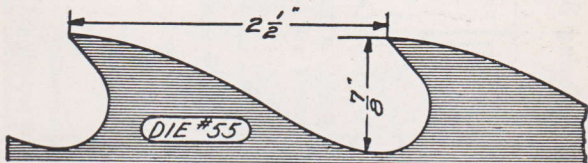
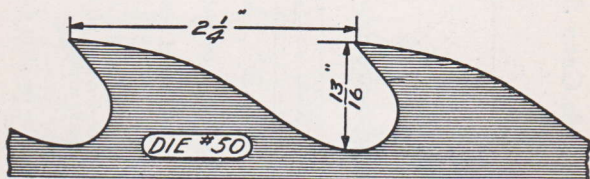
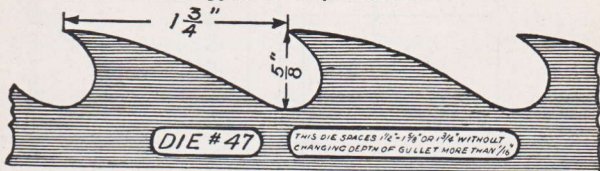
Simonds Band Saws

The illustrations herewith show spacing and depth of teeth, also patterns or die numbers commonly used. When ordering please refer to style tooth wanted.

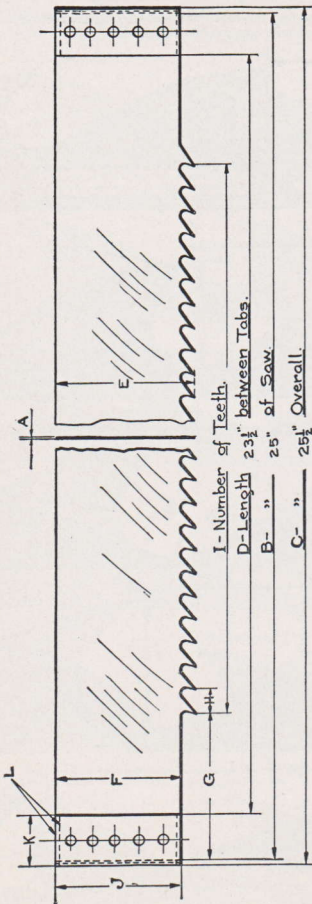


Simonds Band Saws

The illustrations herewith show spacing and depth of teeth, also patterns or die numbers commonly used. When ordering please refer to style tooth wanted.



Instructions for Ordering Simonds Gang Saws



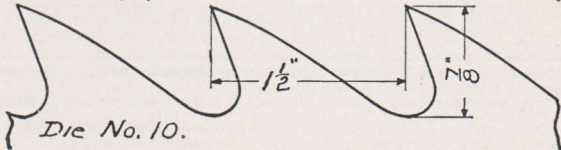
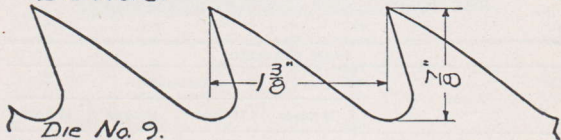
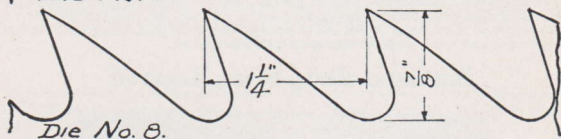
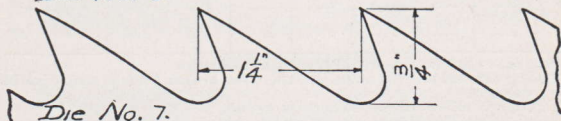
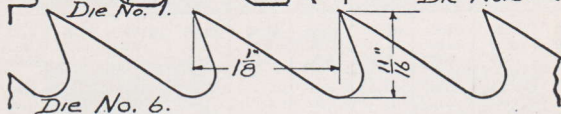
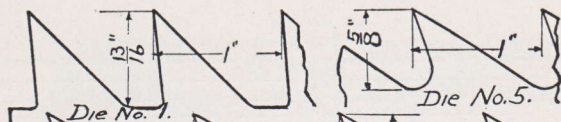
When ordering Gang Saws the following information should be given as completely as possible (letters refer to sketch above):

- A—Gauge of Saw.
- B—Length of Saw.
- C—Length over all, including Tabs.
- D—Distance between Tabs.
- E—Width of Saw.
- F—Width at Ends.
- G—Distance bottom end of Saw to point of first tooth.
- H—Space of Teeth.
- I—Number of Teeth.
- J—Length of Tabs.
- K—Width of Tabs.
- L—Location of Tabs. (Flush with back or equally divided?)

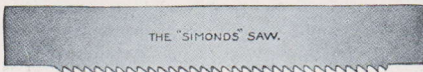
We want every Simonds Gang Saw to work perfectly and when we are given definite specifications by which to manufacture them they are covered by the broadest Simonds warranty.

Simonds Gang Saws

The illustrations herewith show spacing and depth of teeth, also patterns or die numbers commonly used. When ordering please refer to style tooth wanted.



Gang Saws



PRICE PER FOOT									
Width Inches	8 Gauge	9 Gauge	10 Gauge	11 Gauge	12 Gauge	13 Gauge	14 Gauge	15 Gauge	16 Ga.
10	\$2.50	\$2.35	\$2.10	\$2.00	\$1.90	\$1.80	\$1.70	\$1.60	....
9	2.15	2.05	1.95	1.85	1.75	1.65	1.55	1.50	....
8	2.00	1.90	1.80	1.70	1.60	1.50	1.40	1.35	\$1.30
7	....	....	....	....	....	1.40	1.30	1.25	1.20
6	....	....	....	....	....	1.25	1.20	1.15	1.10
5	....	....	....	....	....	1.15	1.10	1.05	1.00
4	....	....	....	....	....	1.10	1.05	1.00	.95

Gang Saws with reversed teeth, add 10 per cent to list prices.

Tabbing with solid bent tabs or two plate tabs, 4 hole 40 cents, 5 hole 50 cents, 6 hole 60 cents per saw, net.

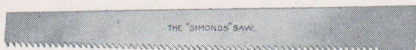
Tabbing with solid round tabs, 50 cents per saw, net.

Punching Gang Saws for tabs, one cent per hole, net.

If swaged only, add 5 cents per foot to list price.

If swaged and fitted, ready for use, add 10 cents per foot to list price. Gang Saws are furnished swaged and fitted, ready for use, unless otherwise specified.

Butting or Drag Saws, Tapered



PRICE PER FOOT				
WIDTH	THICKNESS			
	10 Gauge	11 Gauge	12 Gauge	13 Gauge
Tapered 8 in. butt, 6 in. point	\$1.25	\$1.20	\$1.20	\$1.20
" 7 " " 5 " "	1.15	1.10	1.05	1.05
" 6 " " 4 " "	1.05	1.00	.95	.95

Tapered Drag Saws wider or thicker than above will be figured by the Mill, Mulay, and Drag Saw list, using the average width as the basis.

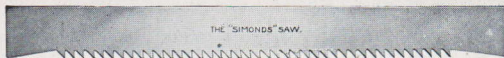
If saws are set and sharpened, add to list prices: 10 gauge, 30 cents per foot; 11 gauge and thinner, 15 cents per foot.

Drag Saws, when taper ground, advance list 5 per cent for each gauge taper ground.

When ordering, state whether mill (as illustrated) or champion teeth are wanted.

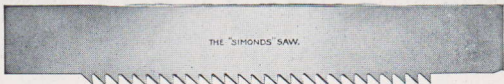
Write for Discounts

Mill, Mulay, and Drag Saws



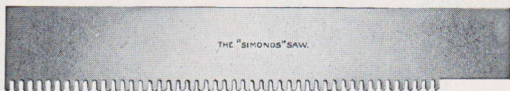
THE "SIMONDS" SAW.

MILL SAW



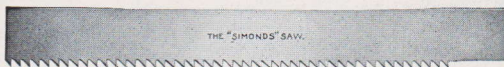
THE "SIMONDS" SAW.

MULAY SAW



THE "SIMONDS" SAW.

LANCE TOOTH DRAG SAW



THE "SIMONDS" SAW.

DRAG SAW OF EQUAL WIDTH

LIST PRICES PER FOOT FOR ABOVE SAWS

Width	4 Gauge	5 Gauge	6 Gauge	7 Gauge	8 Gauge	9 Gauge	10 Gauge
16 inch	\$6.60	\$6.20	\$5.70	\$5.20	\$4.80	\$4.40	\$4.00
14 "	5.60	5.20	4.80	4.40	4.00	3.60	3.30
12 "	4.80	4.40	4.00	3.60	3.30	3.00	2.70
11 "	4.30	4.00	3.70	3.30	3.00	2.70	2.40
10 "	3.90	3.60	3.30	3.00	2.70	2.40	2.20
9 "	3.60	3.30	3.00	2.70	2.40	2.20	2.00
8 "	3.30	3.00	2.70	2.40	2.20	2.00	1.80

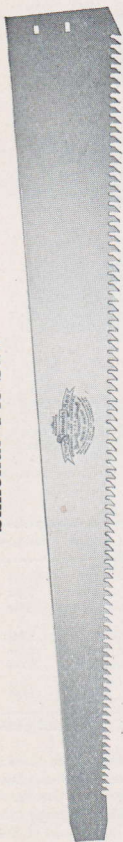
List prices are for saws with Plain, Mill, Champion, or Lance teeth. Saws with special patterns of teeth, special prices.

If saws are set and sharpened, add to list prices as follows: 5 gauge and thicker, 40 cents per foot; 6 to 10 gauge inclusive, 30 cents per foot; 11 gauge and thinner, 15 cents per foot.

Drag Saws when Taper Ground, advance list 5 per cent for each gauge Taper Ground.

When ordering Mill, Mulay, or Drag Saws give length, width, thickness by gauge, style of teeth, space from point to point of teeth, and distance from end of saw to point of first tooth. If saws are to be drilled, send full size pattern, showing position of holes.

Simonds Pit Saw



Length
5 ft.
Width
 $10 \times 3\frac{1}{4}$ in.
Price, each \$5.00

$5\frac{1}{2}$ ft.
 $10\frac{1}{4} \times 3\frac{1}{4}$ in.
\$5.50

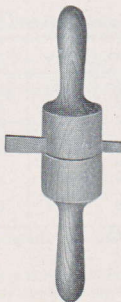
6 ft.
 $10\frac{1}{2} \times 3\frac{1}{4}$ in.
\$6.00

$6\frac{1}{2}$ ft.
 $10\frac{3}{4} \times 3\frac{1}{4}$ in.
\$6.50

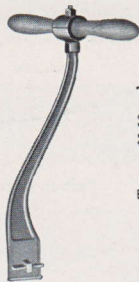
7 ft.
 $11 \times 3\frac{1}{4}$ in.
\$7.00

$7\frac{1}{2}$ ft.
 $11\frac{1}{2} \times 3\frac{1}{4}$ in.
\$7.50

8 ft.
 $11\frac{1}{2} \times 3\frac{1}{4}$ in.
\$8.00

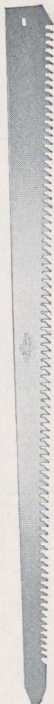


BOX FOR PIT SAWS, 80 cents each



TILLER, \$1.10 each

Simonds Whip Saw



Length
5 ft.
Width
 $4 \times 1\frac{1}{2}$ in.
Price, each \$3.00

$5\frac{1}{2}$ ft.
 $4\frac{1}{4} \times 1\frac{1}{2}$ in.
\$3.30

6 ft.
 $4\frac{1}{2} \times 1\frac{1}{2}$ in.
\$3.60

$6\frac{1}{2}$ ft.
 $4\frac{3}{4} \times 2$ in.
\$3.90

7 ft.
 5×2 in.
\$4.20

$7\frac{1}{2}$ ft.
 $5\frac{1}{2} \times 2$ in.
\$4.50

SIMONDS—"THE SAW MAKERS"

No. 190. Turning or Chair Webs Set and Sharpened Ready for Use



Length	Gauge	Price per dozen	Width
6 inches	23 gauge	\$1.20	$\frac{3}{16}$ to $\frac{1}{2}$ inch wide
7 "	22 "	1.25 "	$\frac{3}{16}$ " $\frac{1}{2}$ "
8 "	22 "	1.30 "	$\frac{3}{16}$ " $\frac{1}{4}$ "
10 "	22 "	1.35 "	$\frac{3}{16}$ " " "
12 "	21 "	1.45 "	$\frac{3}{16}$ " $\frac{5}{16}$ "
14 "	21 "	1.60 "	$\frac{3}{16}$ " $\frac{5}{16}$ "
16 "	20 "	1.80 "	$\frac{1}{4}$ " $\frac{3}{8}$ "
18 "	20 "	2.00 "	$\frac{1}{4}$ " $\frac{3}{8}$ "
20 "	20 "	2.25 "	$\frac{1}{4}$ " $\frac{5}{8}$ "
22 "	20 "	2.50 "	$\frac{1}{4}$ " $\frac{5}{8}$ "
24 "	19 "	2.80 "	$\frac{1}{4}$ " $\frac{3}{4}$ "
26 "	19 "	3.10 "	$\frac{1}{4}$ " $\frac{3}{4}$ "
28 "	19 "	3.45 "	$\frac{1}{4}$ " $\frac{7}{8}$ "
30 "	19 "	3.80 "	$\frac{1}{4}$ " 1 "
32 "	18 "	4.20 "	$\frac{1}{4}$ " 1 "
34 "	18 "	4.60 "	$\frac{1}{4}$ " 1 "
36 "	18 "	5.00 "	$\frac{1}{4}$ " 1 "

One gauge heavier than above list, no extra charge.

When two gauges heavier than above list, felloe web prices will be charged. Extra width, 10 per cent additional for each $\frac{1}{8}$ inch.

No. 191. Felloe Webs Set and Sharpened Ready for Use

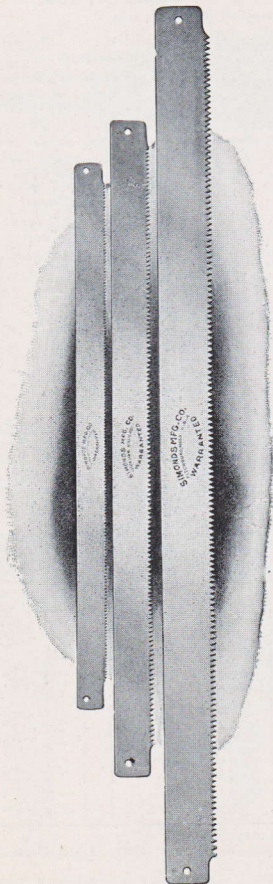
Length	Gauge	Price per dozen	Width
6 inches	19 gauge	\$1.30	$\frac{3}{16}$ to $\frac{1}{2}$ inch wide
7 "	19 "	1.35 "	$\frac{3}{16}$ " $\frac{1}{2}$ "
8 "	19 "	1.45 "	$\frac{3}{16}$ " $\frac{1}{2}$ "
10 "	18 "	1.60 "	$\frac{3}{16}$ " $\frac{1}{2}$ "
12 "	18 "	1.85 "	$\frac{1}{4}$ " $\frac{1}{2}$ "
14 "	17 "	2.10 "	$\frac{1}{4}$ " $\frac{1}{2}$ "
16 "	17 "	2.35 "	$\frac{1}{4}$ " $\frac{5}{8}$ "
18 "	17 "	2.70 "	$\frac{1}{4}$ " $\frac{5}{8}$ "
20 "	17 "	3.00 "	$\frac{1}{4}$ " $\frac{5}{8}$ "
22 "	17 "	3.30 "	$\frac{1}{4}$ " $\frac{3}{4}$ "
24 "	17 "	3.65 "	$\frac{1}{4}$ " $\frac{3}{4}$ "
26 "	17 "	4.00 "	$\frac{1}{4}$ " $\frac{7}{8}$ "
28 "	17 "	4.40 "	$\frac{1}{4}$ " 1 "
30 "	16 "	4.80 "	$\frac{1}{4}$ " 1 "
32 "	16 "	5.20 "	$\frac{1}{4}$ " 1 "
34 "	16 "	5.60 "	$\frac{1}{4}$ " 1 "
36 "	16 "	6.00 "	$\frac{1}{4}$ " 1 "

One gauge heavier than above list, no extra charge.

5 per cent extra for each additional gauge to 14 gauge; above 14 gauge, special prices. Extra width, 10 per cent for each $\frac{1}{8}$ inch.

N. B. — All web saws, $\frac{1}{8}$ inch and narrower, will be made with wide ends, in order to give strength at the hole. Price, 25 per cent advance.

No. 194. German Pattern Webs



Length	Gauge	$\frac{3}{8}$ to $\frac{3}{4}$ wide Per Dozen	$\frac{7}{8}$ to $1\frac{1}{2}$ wide Per Dozen	$1\frac{1}{4}$ to $1\frac{1}{2}$ wide Per Dozen	$1\frac{5}{8}$ to 2 wide Per Dozen	Length	Gauge	$\frac{3}{8}$ to $\frac{3}{4}$ wide Per Dozen	$\frac{7}{8}$ to $1\frac{1}{2}$ wide Per Dozen	$1\frac{1}{4}$ to $1\frac{1}{2}$ wide Per Dozen	$1\frac{5}{8}$ to 2 wide Per Dozen
18 in.	23	\$2.15	\$2.40	\$2.60	\$2.90	28 in.	23	\$2.75	\$3.10	\$3.30	\$3.80
20 "	23	2.20	2.45	2.70	3.05	30 "	23	2.90	3.30	3.60	4.10
22 "	23	2.25	2.55	2.80	3.15	32 "	22	3.10	3.45	3.85	4.40
24 "	23	2.40	2.70	3.00	3.35	34 "	22	3.30	3.60	4.00	4.55
26 "	23	2.60	2.90	3.10	3.60	36 "	22	3.50	3.75	4.15	4.70

ABOVE WEBS ARE SET AND FILED

Tanged webs advance 40 cents per dozen on above prices

For Prices German Pattern Webs, two gauges, thin on back, see next page

No. 195. German Pattern Webs

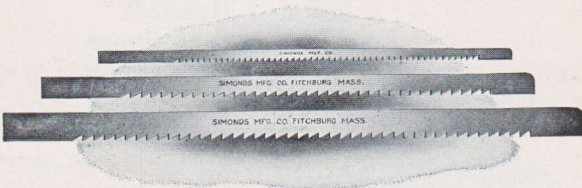
TWO GAUGES THIN ON BACK

Length	Thickness on Toothed Edge	PRICE, PER DOZEN			
		$\frac{3}{4}$ to $\frac{7}{8}$ Inch Wide	$\frac{7}{8}$ to $1\frac{1}{8}$ Inches Wide	$1\frac{1}{8}$ to $1\frac{1}{2}$ Inches Wide	$1\frac{1}{2}$ to 2 Inches Wide
18 inches	23 gauge	\$2.55	\$2.75	\$3.00	\$3.25
20 "	23 "	2.60	2.85	3.10	3.45
22 "	23 "	2.70	2.95	3.20	3.55
24 "	23 "	2.80	3.10	3.35	3.75
26 "	23 "	3.00	3.30	3.60	4.00
28 "	23 "	3.10	3.40	3.75	4.25
30 "	23 "	3.30	3.65	4.00	4.50
32 "	22 "	3.40	3.80	4.20	4.75
34 "	22 "	3.50	3.90	4.35	4.90
36 "	22 "	3.65	4.10	4.55	5.15

ABOVE WEBS ARE SET AND FILED

Five per cent advance for each gauge thicker than the above.
 Five per cent advance for each gauge thinner than the above.
 Twenty per cent advance for Webs toothed over 10 points per inch.
 Twenty-five per cent advance for Webs toothed over 15 points per inch.
 Webs thicker than 20 gauge, or thinner than 25 gauge, special price.
 For prices of Tanged Webs, add 40 cents per dozen to above list.

No. 193. Fay Thin Back Scroll Saws



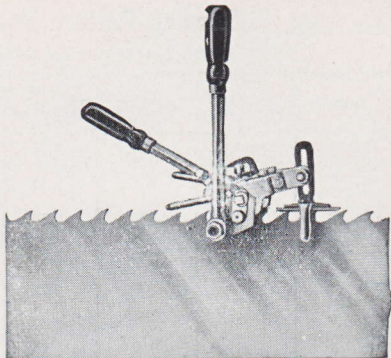
8	9	10	11	12	13	inches
\$1.75	\$2.00	\$2.25	\$2.50	\$2.75	\$3.00	per dozen
14	16	18	20	22	24	inches
\$3.25	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50	per dozen

Webs to 16 inches, over $\frac{3}{4}$ inch wide, extra price. Webs from 18 to 24 inches, over one inch wide, extra price.

We make the above Webs from 13 to 16 gauge in thickness

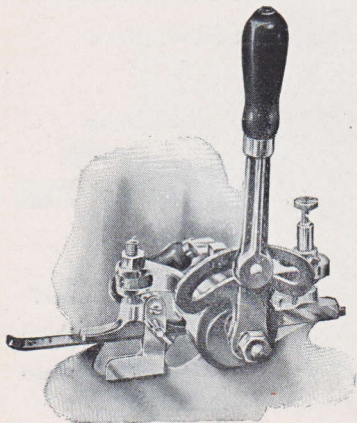
Hanchett Band Saw Swage

The Hanchett Band Saw Swages are especially adapted for band, band resaw, and gang saws, and have established a reputation for giving complete satisfaction at all times. They are unusually strong swages, and their construction is simple and compact.



Prices

Size No. 0 for saws 8-13 gauge	\$35.00
Size No. 1 for saws 12-16 gauge	33.00
Size No. 2 for saws 16-18 gauge	28.00
Size No. 3 for saws 18-26 gauge	28.00



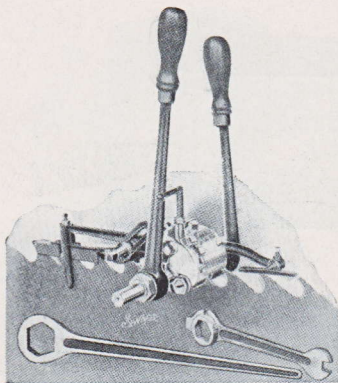
Hanchett Band Swage Shaper

Prices

Size No. 1	
For saws 10-13 gauge	\$25.00
Size No. 2	
For saws 12-18 gauge	\$20.00
Size No. 3	
For saws 16-22 gauge	\$20.00

Armstrong Swages and Shapers

Band Saw Swages



No. 2. For Resaws
17 gauge and thinner. 2½
inch Head, ⅜ inch Ec-
centric Die. Price . \$30.00

No. 4. For Bands 14
to 17 gauge. 2½ inch
Head, ½ inch Eccentric
Die. Price 35.00

No. 4½. For Bands 14
gauge and thinner. 2½
inch Head, ⅝ inch Ec-
centric Die. Price 35.00

No. 5. For Bands 13,
14 or 15 gauge. 3 inch
Head, ⅜ inch Eccentric
Die. Price 40.00

No. 6. For Bands 13
or 14 gauge. 3 inch
Head, ¾ inch Eccentric
Die. Price 45.00

No. 7. For Bands, 11,
12 or 13 gauge. 3½ inch
Head, ⅜ inch Eccentric
Die. Price 45.00

Circular Saw Swages

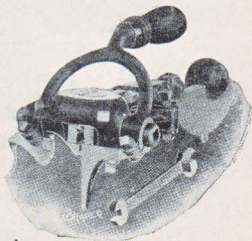
- No. 8. For Shingle Saws 16 to 17 gauge, ½ inch Eccentric Die. Price . \$35.00
No. 8½. For Shingle Saws 17 to 19 gauge, ⅝ inch Eccentric Die. Price . .35.00
No. 9. For Circular Saws 12 to 15 gauge, ⅝ inch Eccentric Die. Price . .40.00
No. 11. For Circular Saws 4 to 12 gauge, ¾ inch Eccentric Die. Price . .45.00

Gang Saw Swages

- No. 10. For Gangs 13 to 16 gauge, 3 inch Head, ⅝ inch Eccentric Die. Price \$40.00
No. 12. For Gangs 15 to 20 gauge, 2½ inch Head, ½ inch Eccentric Die. Price 35.00

Shapers

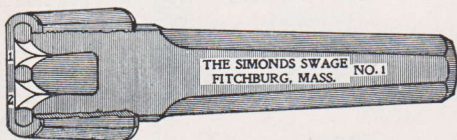
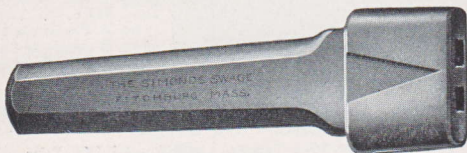
- No. 1. For Bands 16 to 19 gauge. Price \$30.00
No. 2. For Bands 14 to 17 gauge. Price 35.00
No. 3. For Bands 11 to 14 gauge. Price 40.00
No. 4. For Circulars 4 to 12 gauge.
Price 40.00



A catalogue of Armstrong saw fitting tools
sent on application.

Write for Discounts

Swages or Upsets



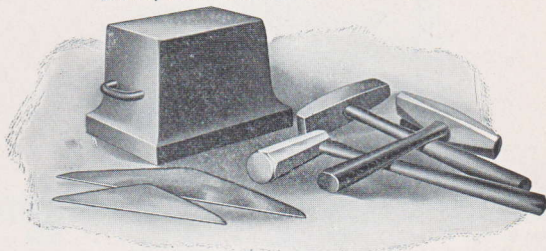
This sectional view shows the construction of the Simonds Swage. Jaw No. 1 spreads or shapes the point of the tooth. Jaw No. 2 squares up the cutting edge and gives body to the swaged point.

	Each	Net Weight
Simonds Swage, No. 1, for saws 10 gauge and heavier	\$2.75	18 ounces
" " No. 2, for saws 11 gauge and lighter	2.25	8 "
" " No. 3	1.75	3 "
" " (Special), for wide band saws	2.25	8 "

Write for Discounts

Saw Makers' Tools

Anvils, Hammers, and Straight Edges



Circular and Band Saw Anvils \$0.15 per lb.
 Cast Steel Face, Hardened and Polished
 Saw Makers' Hammers60 per lb.
 Straight Edges 1.00 per ft.

Band Saw Anvils. Chilled Face

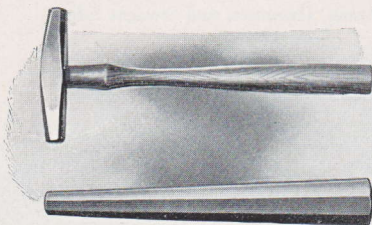
Size	Approximate Weight	List Price
6 × 8 5 inches high	75 lbs.	\$11.80
6 × 10 5 " "	85 " "	13.40
8 × 8 5 " "	100 " "	14.00
10 × 12 5 " "	160 " "	21.00
10 × 14 5 " "	185 " "	24.50
12 × 16 5 " "	270 " "	35.60
14 × 24 5 " "	440 " "	58.00

Band Saw Leveling Blocks (surfaced both sides)

Size	Approximate Weight	List Price
8 × 36 × 3	230 lbs.	\$17.25
10 × 36 × 4	375 " "	28.15
10 × 48 × 3	360 " "	27.00
10 × 48 × 4	480 " "	36.00
12 × 48 × 4	600 " "	45.00
12 × 60 × 4	770 " "	57.75
14 × 60 × 4	875 " "	65.60
16 × 60 × 6	1560 " "	109.20

Other sizes at proportionate prices

Swage Bar and Hammer



Swage Bars made with six or eight sides

Swage Bar No. 1,	11×1	× $\frac{1}{2}$	inch	\$2.50	each
" " " 2,	11×1 $\frac{1}{4}$	× $\frac{3}{8}$	"	3.00	"
" " " 3,	11×1 $\frac{1}{2}$	× $\frac{3}{4}$	"	3.50	"
" " " 4,	11×1 $\frac{1}{4}$	× $\frac{7}{8}$	"	4.00	"
Hammers					1.00

Any size or shape of Swage Bar furnished at special price



No. 621

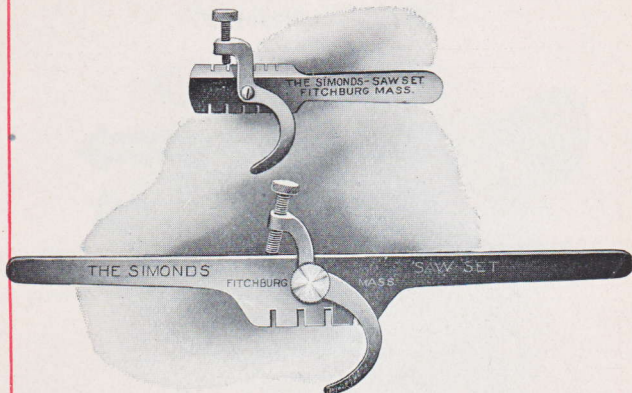
Circular Saw Clamp

This clamp is easily adjusted for any size circular saw from 4 $\frac{1}{2}$ to 18 inches in diameter. Arbor diameter $\frac{9}{8}$ inch.

Clamps to bench not over 2 $\frac{1}{2}$ inches thick. It gives perfect rigidity. Shipping dimensions, 21 $\frac{3}{4}$ ×12×7 $\frac{3}{4}$ inches. Weight 35 pounds. Price complete, \$12.00 each.

SIMONDS—"THE SAW MAKERS"

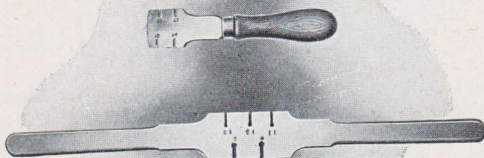
Simonds Adjustable Saw Set.



Made in three sizes and provided with an adjustable gauge, which regulates the set and gives absolute uniformity

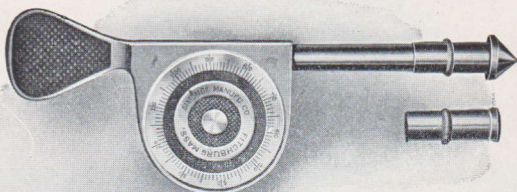
- No. 301.** Saw Sets with one handle, for small circulars and band saws \$2.00 each
- No. 302.** Saw Sets, medium and large sizes, for medium and large circulars 3.00 each

Saw Sets.



- No. 303.** Saw Set, with one handle, for small circulars and band saws . . \$1.00
- No. 304.** Saw Set, with two handles, for medium and large circulars . . 1.50

Speed Indicators.



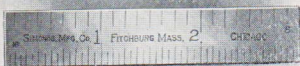
Per dozen, \$12.00



Steel Tape Lines.

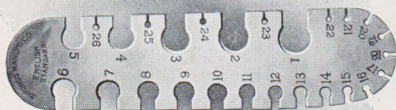
3 feet long, per dozen, . \$14.00

5 feet long, per dozen, . 18.00



Steel Scales.

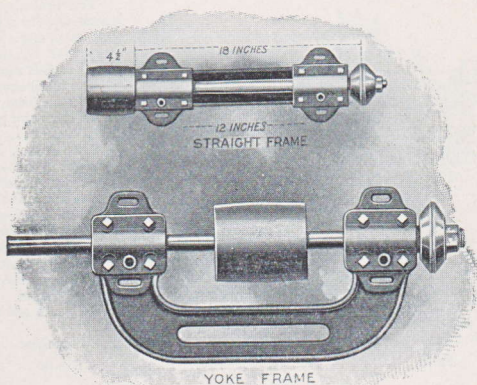
Per dozen, \$4.80



Saw Gauges.

Per dozen, . \$15.00

Self-Oiling Saw Arbors



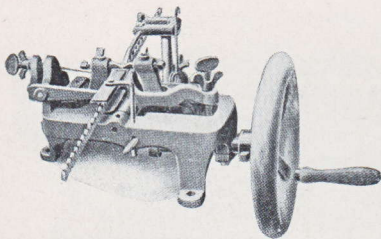
The above cuts represent an Improved Pattern of Saw Arbors with SELF-OILING BOXES. The bed and boxes are cast together, and are consequently always in line. All end motion is prevented by a number of V-shaped grooves on one of the journals, with corresponding rings in the Babbitt lining of the box. The shafts are made of steel, and in every respect are fitted up in the best possible manner

No.	Size of Saw Inches	Distance from Pulley to Saw Inches	Diameter of Pulley Inches	Face of Pulley Inches	Diameter of Collar Inches	Diameter of Arbor Inches	Hole in Saw Inches	Price	
								Plain Collar	With Taper Bushings
1	10	18	4	4 1/2	3	1	3/4	\$ 9.00	\$10.50
2	14	21	4 1/2	5	3 1/2	1 1/2	1	10.25	12.00
3	18	24	5	5	4	1 3/4	1 1/2	12.00	13.75
4	24	26	6	6 1/2	4 1/2	1 3/4	1 1/2	13.75	15.75
5	28	28	7	7	5	1 3/4	1 3/4	15.00	17.00
6	36	30	8	8	5 1/2	1 3/4	1 1/2	17.00	19.25

The above six sizes carried in stock of both straight and yoke frame patterns.

Special Arbors can be furnished in any form and size, connected boxes, bed boxes, or pivot boxes, as desired, with either plain collars or with improved taper bushing for centering saws with different size of holes.

Setting Machine for Band Saws



The regulating, which is necessary for other Setting Machines, is done away with by the simplicity of this machine.

The teeth are set absolutely uniform, which necessitates and guarantees a clean cut.

Saws from $\frac{1}{8}$ inch to $1\frac{1}{2}$ inches in width can be set without bending the smaller Saws, as the vise grasps the Saw perfectly tight, setting the teeth during the movement; all

Saws which have been bent before, being straightened out at the same time.

Saws set with this machine do not crack at the edges of the teeth, as the points only of the teeth are set, and not the entire tooth as with other machines.

The machine is built on strong principles, and all working parts are manufactured of tempered steel, thus making wearing out impossible.

A Saw 20 feet in length can be set in three minutes with this machine.

Price, \$15.00

Automatic Filing Machine

For Band Saws

So simple is this machine that it takes but a few minutes to regulate it and adjust the Saw, and it also needs no attention after once being started.

By means of a joint, sufficient time is given the file to get properly located in the tooth of the Saw before the filing operation begins.

This machine is the result of many years' practical experience. The main point is the movement through which the file falls into the tooth of the Saw, this imitating exactly the movement of the human hand.

The file works by the pressure of a spring, and comes down in the tooth in a bevel line, receding the same way after the file stroke, filing out equally both top and bottom of tooth and not injuring the point in any way.

By filing with this machine, the teeth of the Saw keep a proportionate height, every single tooth coming to the cut, thus keeping the Saw sharp longer.

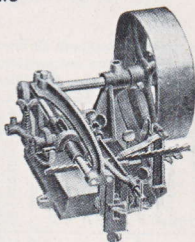
Any ordinary saw file can be used with this filing machine, no extra straight-shaped files being necessary.

Saws from $\frac{1}{8}$ to $1\frac{1}{2}$ inches wide, and any length, can be filed at the rate of ninety teeth per minute.

Old Saws are filed as well as new ones, no matter how uneven the teeth.

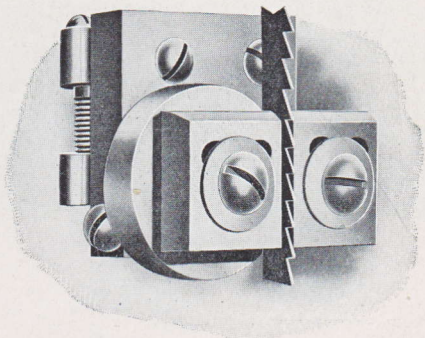
Price, \$25.00

Write for Discounts



Patent Band Saw Guide

Patented Aug. 7, 1894; July 16, 1895

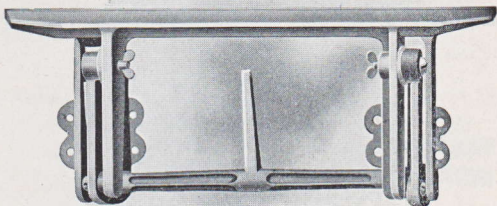


This guide gives better support to the saw than other guides, because the bearings, both at back and on the sides, are nearer the work. It can be used as upper or under guide and by use of screw or clamp furnished with it can be easily attached to any machine.

Price \$10.00

In ordering, state what width saws are used.

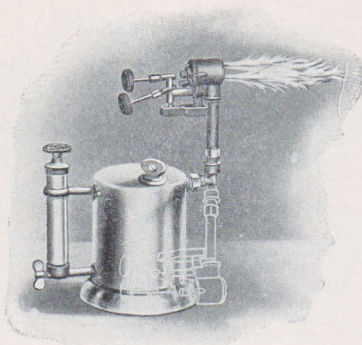
Improved Saw Filing Clamp



The above cut represents the latest Improved Saw Filing Clamp. It is especially adapted for filing Band, Hand, and any other saws, from $\frac{3}{8}$ to 7 inches in width. The jaws being 23 inches long, allow a large section of the saw to be held in position for filing, thus saving a large percentage of time in sharpening saws.

Price \$5.00

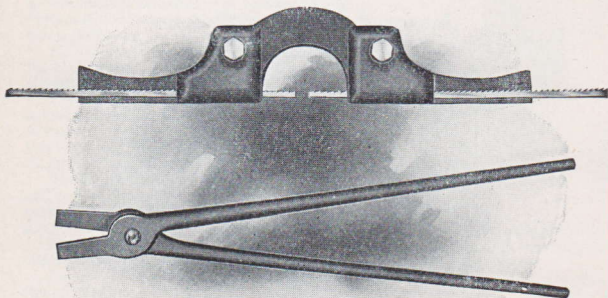
Brazing Lamp



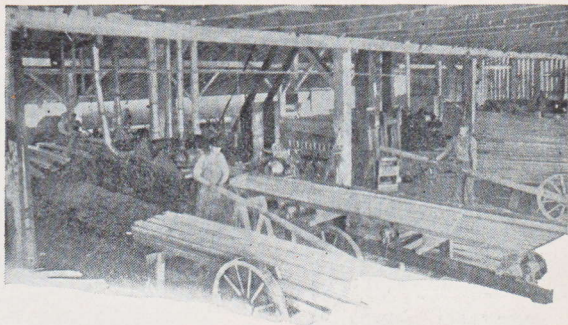
Produces an intensely hot pointed flame. An excellent lamp for brazing and for all ordinary work for which a common blow torch is used.

Price, each \$6.00

Band Saw Brazing Clamp and Tongs



Clamps Price, \$2.00 each
Tongs Price, \$2.00 each



Simonds Machine Knives



We make any kind of a knife for any kind of a machine for any kind of work, and will guarantee the very best possible results relative to temper, uniformity, cutting qualities, finish, and length of service.

When Ordering Knives

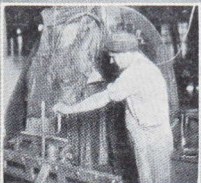
State number of knives wanted, number of sets, number in set, length, width, thickness, name and make of machine, and kind of wood to cut.

The cutting edge always constitutes the length of the knife.

When possible, furnish a pattern. Place the knife face down on the paper, mark around to show the

Simonds Machine Knives

(Continued)



length of the knife and size and position of slots, and be sure to state the width and thickness, as shown in diagram; also state the number of knives in set, and the temper required, whether high, to grind only, medium, to file slowly, or low, to file easily.

We make a Wooden Pattern like each paper pattern sent us, stamp the same with name of party ordering and date the order is received, and preserve for future use.

It is well to send an old knife or a pattern showing the holes or the slots. This is particularly true in ordering Planer Knives, Paper Knives, Barker and Chipper Knives, etc.

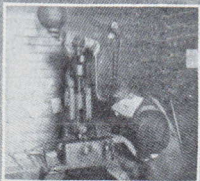
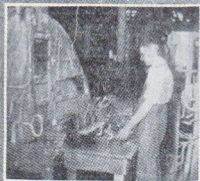
Tempering

Our furnaces are all controlled by pyrometers, which register the exact heat; and if we know the wood which you are to plane, it is an easy matter for us to decide what temper to leave the knife and what degree of heat to use in order to get the exact temper for the work which



Simonds Machine Knives

(Continued)



is to be done. It is well to specify the kind of wood which you wish to plane and the feed per minute.

Our method is such that we keep an accurate record of the temper of every knife that we make. If we have succeeded in giving you a knife of the right temper, when ordering again refer to former order, and we can duplicate the temper and quality as previously furnished.

The varieties of temper adapted for Planer Knives, Paper Knives, Veneer Cutting Knives, Leather Knives, Tobacco Knives, Hog Knives, as well as other knives, are most carefully selected. At the same time, much attention is given to the balancing, grinding, finishing, and packing of all knives, and an absolute guaranty is given that the knives furnished will prove entirely satisfactory. We are specialists in knife making, having made knives since 1832, and we would like to take up with you any question at all regarding the making of knives to fit your special work. Write us regarding any troubles which you may have had. Tell us what they are and we will endeavor to overcome them.

In knives, as well as in all other edged tools, good steel is the fundamental part, without which it is impossible to get a satisfactory cutting edge. The Simonds Steel used in the Simonds Knives is a special crucible knife steel, made by ourselves in our own steel mill.

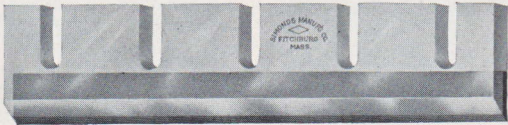
Simonds High Speed Steel Knives



High speed steel usually contains sufficient amounts of the elements Tungsten, Chrome, and in the better grades Vanadium, in addition to the usual constituents of high grade tool steels. These, of course, always contain a large amount of Swedish iron, etc., to produce a mixture when melted that will result in a steel that will stand "after treatment," high speed and fast feed even to a point of great heat without affecting the temper. High Speed Steel air hardened, or as it comes from the rolls, will undoubtedly stand more crowding than ordinary steels. So will ordinary steel when it comes from the rolls stand more work than just iron.

Proper treatment of high speed steel will, however, increase the efficiency to such an extent that a comparison between the one properly treated and the air hardened or as it leaves the rolls, will convince anyone of the economy of the former.

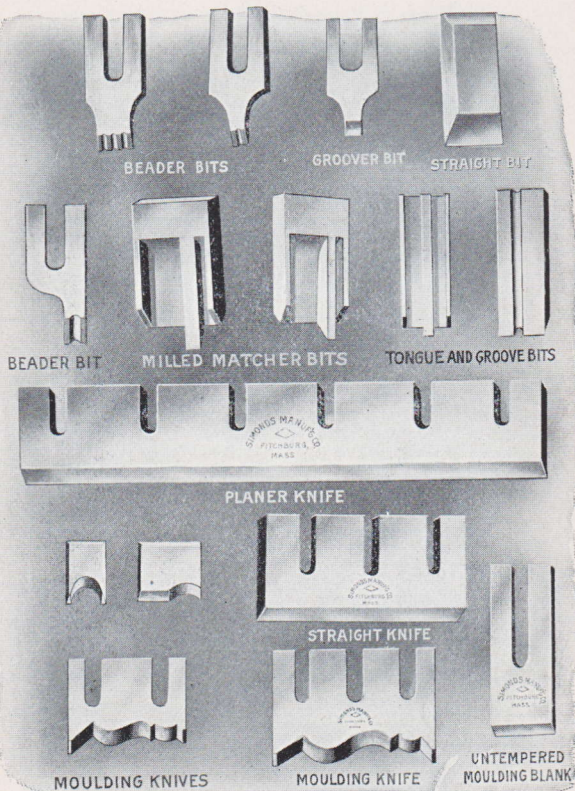
Simonds method of treatment comprises a scientific study together with a practical knowledge gained by actual testing at work covering some three years, and our methods of hardening, tempering, straightening, grinding and balancing have proven by tests that we are considerably ahead of all others and are furnishing High Speed Steel Knives that will stand *High Speed and give the Best Satisfaction.*



We also make High Speed Knives brazed on to a backing similar to a regular Planer or Moulder Knife ; or, in fact, braze to almost any shape or style of Knife where High Speed is needed.

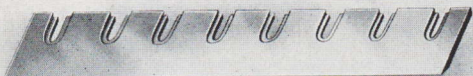
Knives

For Planing and Moulding Mills, Box Factories, etc.



Knives

For Furniture and Veneer Factories



VENEER KNIFE



VENEER KNIFE



GAUGE LATHE KNIFE



OPEN-SLOT PLANER KNIFE



WASHBOARD KNIFE



LOOP-SLOT PLANER KNIFE



CHAIR BOTTOM KNIFE



EXCELSIOR KNIFE



COPE CUTTERS



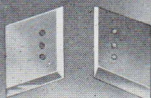
EXCELSIOR KNIFE



MITRE KNIFE



DOUBLE-CUT



MITRE KNIVES

Knives

For Coopers and Barrel Manufacturers



STAVE KNIFE



LISTING OR STAVE JOINTER KNIFE



SHINGLE KNIFE



JOINTER KNIFE



VENEER KNIFE



TIGHT BARREL KNIFE



SPOKE KNIFE



SLACK BARREL KNIFE

KNIVES

for Paper and Pulp Mills, Paper Box Makers,
Bookbinders and Printers.



SHEARS



SHEARS



SHEAR BLADES



PAPER KNIFE



BARKER KNIFE



OTT BARK KNIFE



BARKER KNIFE



CHIPPER KNIFE



RAG KNIFE



CHIPPER KNIFE

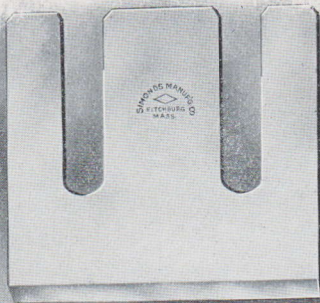


STOP CUTTER KNIFE

SIMONDS—"THE SAW MAKERS"

KNIVES

for Tobacco and Cigarette Manufacturers.



LEGG TOBACCO KNIFE



CIGARETTE CUTTER

CIGARETTE BELT



FOREIGN TOBACCO KNIFE



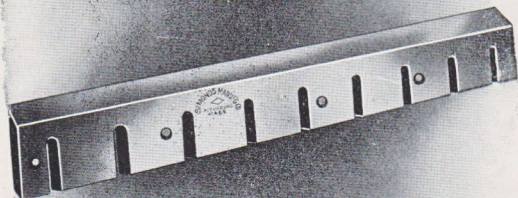
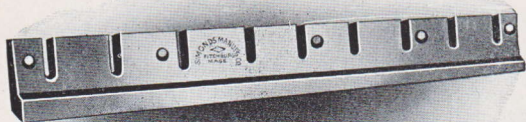
PEASE TOBACCO KNIFE



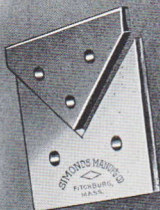
PEASE TOBACCO KNIFE

SIMONDS—"THE SAW MAKERS"

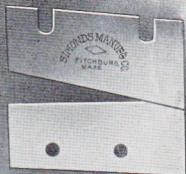
SHEARS for Cutting Metals.



TACK SHEARS



BOILER-PLATE SHEARS



ANGLE SHEARS

KNIVES

for Tanneries and Leather Splitters.



BELT KNIFE GUIDE



UNION LEATHER SPLITTER KNIFE



UNION LEATHER SPLITTER KNIFE



DOUBLE BEVEL
LEATHER SPLITTER KNIFE

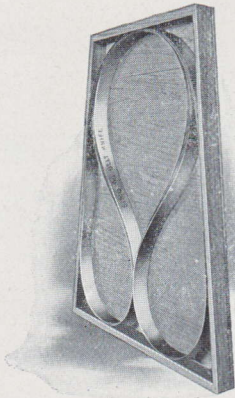


SPIRAL
FUR KNIVES



CURVED FUR BED KNIFE

Simonds Belt Knives



Simonds high grade belt knives are sold extensively throughout the world.

Made of special crucible steel.

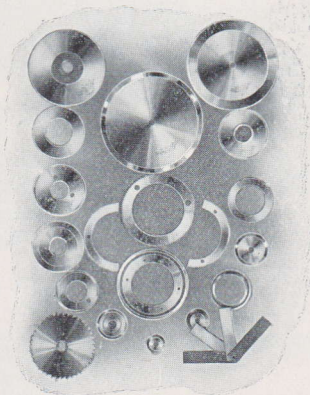
Standard or regular width $3\frac{1}{4}$ inches. Special widths made to order.

Made for 57 inch, 72 inch, 84 inch, or 106 inch machines. When ordering give carefully length and width of belts or make and size of machine.

Packed neatly in crates or boxes holding from 1 to 24 each.

Prices quoted on application.

Circular Cutters for Paper, Cork Cloth, and Leather



Cork Cutter List

When ordering, give diameter, gauge, size of hole, whether beveled on both sides or only on one, and how deep bevel is to run.

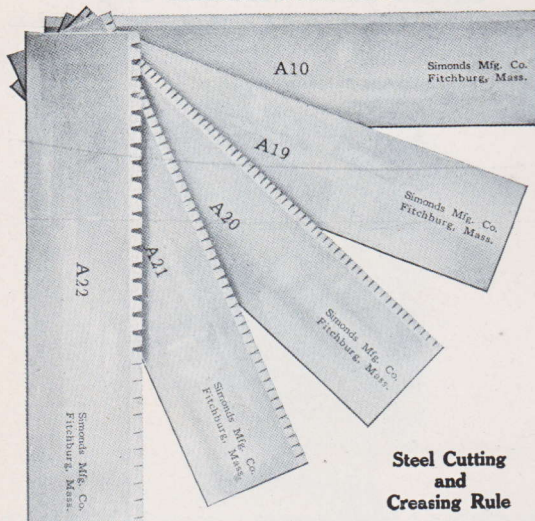
To 10 inches		\$0.35	per inch in diameter, 14 gauge				
11 or 12	"	.40	"	"	"	12	"
13	" 14	.45	"	"	"	11	"
15	" 16	.50	"	"	"	10	"
17	" 18	.55	"	"	"	9	"
19	" 20	.60	"	"	"	9	"
21	" 22	.65	"	"	"	8	"
23	" 24	.70	"	"	"	8	"
25	" 26	.75	"	"	"	7	"
27	" 28	.80	"	"	"	7	"
29	" 30	.85	"	"	"	6	"
31	" 32	.95	"	"	"	6	"

After allowing two gauges heavier than list, add 5 per cent for each additional gauge.

Circular and straight knives for cutting rubber, etc., made to order.

SIMONDS—"THE SAW MAKERS"

Simonds Steel Rule



Steel Cutting and Creasing Rule

Number	Name	Height	Thickness	Description	List Price Per Foot
A-10	2 Point Cutting	.923 inch	.029 inch	Hard Black	\$0.10
A-11	3 " "	.923 "	.042 "	" "	.12 $\frac{1}{2}$
A-12	4 " "	.923 "	.057 "	" "	.15
A-13	6 " "	.923 "	.083 "	" "	.20
A-14	2 " "	.923 "	.029 "	Hard and Polished	.10
A-15	3 " "	.923 "	.042 "	" " "	.12 $\frac{1}{2}$
A-16	4 " "	.923 "	.057 "	" " "	.15
A-17	6 " "	.923 "	.083 "	" " "	.20
A-18	2 " "	.923 "	.029 "	Soft	.10
A-19	2 " Scoring	.918 "	.029 "	Hard	.10

Soft Cutting Rule and Scoring Rule also furnished 3, 4, and 6 point thickness at same prices as Hard Cutting Rule. Special size Rule made to order.

Perforating Steel Rule

No.	Name	Height	Thickness	Description	List Price Per Foot
A-20	2 Point Perforating	.937 inch	.029 inch	17 teeth to inch, Hard and Polished	\$0.25
A-21	2 " "	.937 "	.029 "	12 " " " " " " "	.25
A-22	2 " "	.937 "	.029 "	8 $\frac{1}{2}$ " " " " " " "	.25

(Price 3-Point Perforating Rule, 25 per cent above 2-Point Rule.)

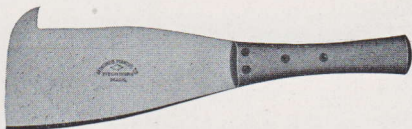
We make all Steel Rule in 30 inch or 24 inch strips, as desired.

Write for Discounts

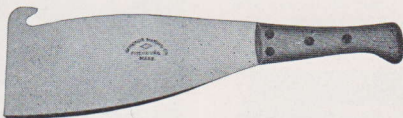
Simonds Cane Knives



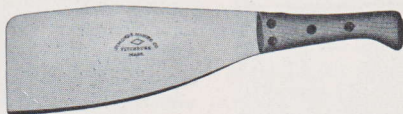
No. 490



No. 491



No. 492 and 493

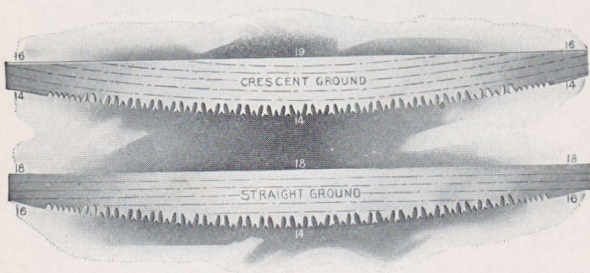


No. 494

Number	Length over all Inches	Length of Blade Inches	Width at Point Inches	Thickness Gauge	Price per dozen
490	21 $\frac{1}{4}$	14	4 $\frac{1}{2}$	18	\$6.50
491	20	11 $\frac{1}{4}$	5 $\frac{1}{2}$	19	6.50
492	19 $\frac{1}{4}$	12	5 $\frac{1}{2}$	17	8.00
493	19 $\frac{3}{4}$	12 $\frac{1}{2}$	5 $\frac{1}{4}$	16	9.00
494	19 $\frac{1}{4}$	12 $\frac{1}{2}$	5	16	9.00

Other patterns of Cane Knives not listed above can be furnished on special order. Write for quotations.

Simonds Crescent Ground Cross-Cut Saws

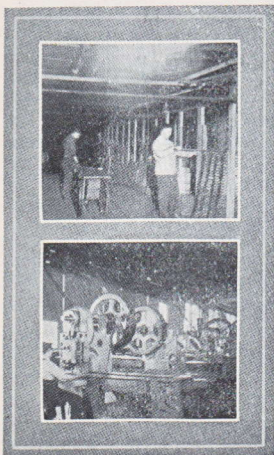


The Advantage

To grind Cross-Cut Saws in crescent lines parallel to the cutting edge of the saw is "Crescent Grinding." The advantage given by an even thickness throughout the tooth edge and a gradual taper from the tooth edge to the back is *less set* to the teeth and *less kerf* to cut. Our Crescent Ground Cross-Cut Saws have five gauges taper from the middle of the saw to the back, and two gauges taper from the ends of saw to the back.

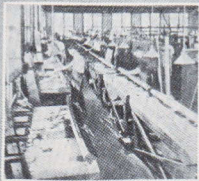
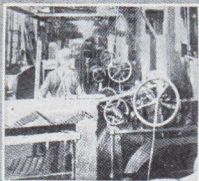
No Binding in the Kerf

Note in the illustration of a *'straight ground* saw the difference in



Simonds Crescent Ground Cross-Cut Saws

(Continued)



thickness or gauge of the teeth at the end and at the center of the saw. You will see by comparing this with the illustration of the *Crescent Ground* that in the case of the *Crescent Ground* the teeth are of even thickness throughout the entire length of the saw, thus giving the same relative taper and clearance at all parts or sections of the saw, and making binding in the kerf impossible. This added strength given to the saw enables the operator to push as well as pull the saw.

Crescent Grinding is exclusively a Simonds Process

Simonds Steel

Simonds Steel is made in our own Crucible Steel Mill exclusively for Simonds Saws. It is the only steel that we are sure will take a temper to hold a cutting edge longer than the ordinary saw. Chemical analysis, special accuracy, and trueness govern every detail of manufacture. These features added to our surpassing Crescent Grinding permit us to offer you an absolute guaranty.

Superiority Guaranteed

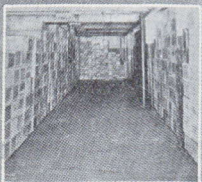
The Simonds Saw, Crescent Ground, will cut *ten per cent more*

Simonds Crescent Ground Cross-Cut Saws

(Continued)

timber, same time and labor being used, than any other brand of saw made in the United States.

The Simonds Cross-Cut Saw, Crescent Ground, is now universally known. For many years in use, no saw has ever been returned because our warranty, as above printed, was not fulfilled.

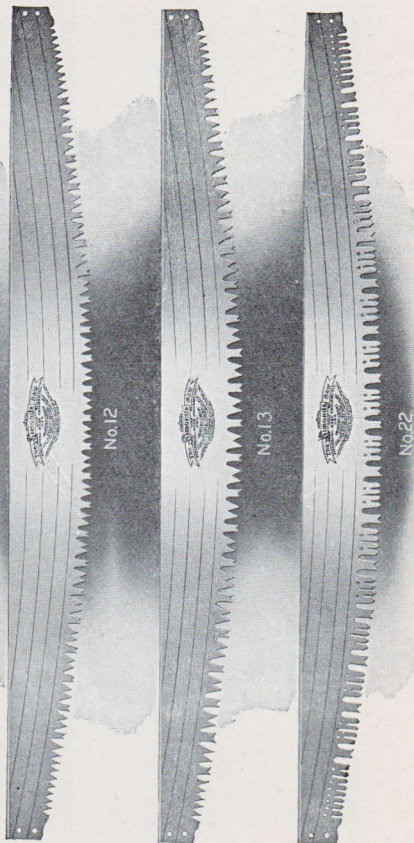


List Prices

4 feet long	.....	\$3.00	each
4½	“	3.60	“
5	“	4.30	“
5½	“	5.10	“
6	“	5.90	“
6½	“	6.80	“
7	“	7.80	“
7½	“	8.90	“
8	“	10.00	“
8½	“	11.20	“
9	“	12.50	“

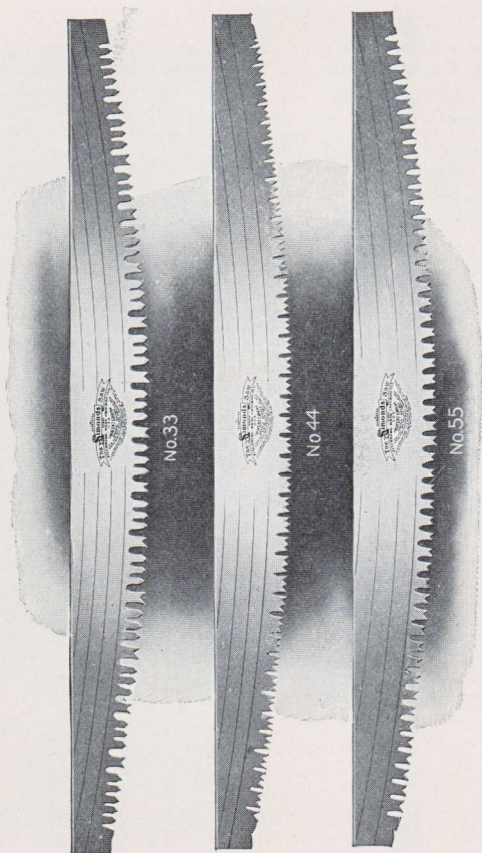
Write for Discounts

Simonds Crescent Ground Cross-Cut Saws



We furnish any Standard Tooth. For prices, see page 78

Simonds Crescent Ground Cross-Cut Saws



We furnish any Standard Tooth. For prices, see page 78

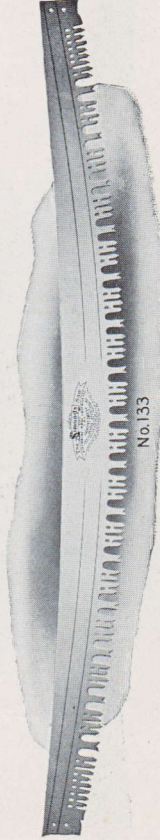
Simonds Crescent Ground Cross-Cut Saws



No. 66



No. 77

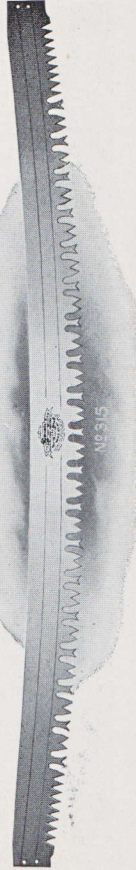


No. 133

We furnish any Standard Tooth

For prices, see page 78

Simonds Crescent Ground Felling Saws

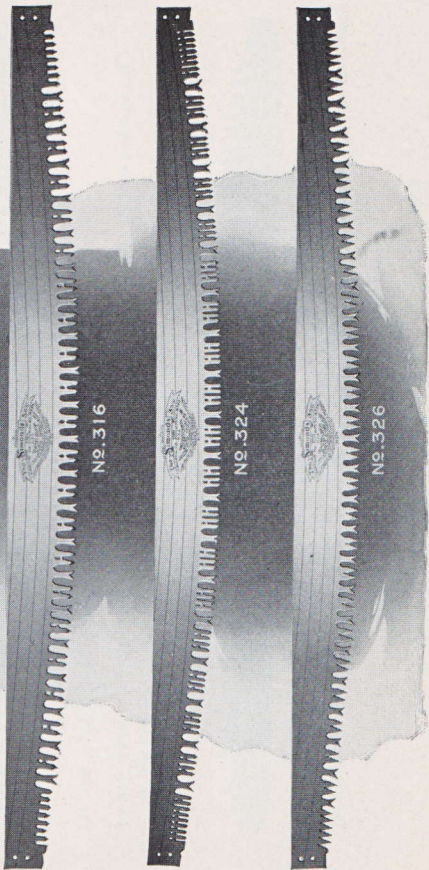


For prices, see page 78

Simonds Crescent Ground Cross-Cut Saws

Cottonwood Patterns

Slightly narrower than regular wide saws



The above saws made only in 5½ foot to 8 foot lengths. For prices see page 78

Simonds Crescent Ground Cross-Cut Saws Made Especially for the Australian Trade

The extensive line of high grade Cross-Cut Saws here offered the Australian trade is the result of a careful study of the saw requirements in that country. In the Crescent Ground Saw will be found the greatest amount of speed coupled with ease of sawing. These saws all have a full five gauge taper.



No. 375

No. 375. AUSTRALIAN SLEEPER CUTTER SAW. Made in 5½, 6, 6½, and 7 foot lengths. Specially ground for Sleeper Cutting.

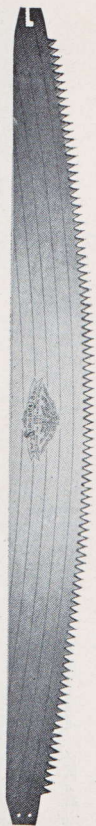


No. 376

No. 376. AUSTRALIAN DIAMOND POINT CHAMPION TOOTH SAW. Made in all lengths 5½ to 9 feet.

For prices on the above saws, see page 78

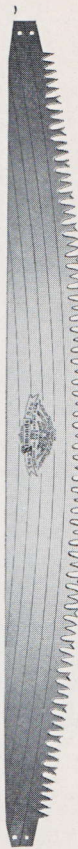
Simonds Crescent Ground Cross-Cut Saws
Made Especially for the Australian Trade



No. 377. REGULAR PEG TOOTH SAW. Made in all lengths $5\frac{1}{2}$ to 9 feet.



No. 378. "M" TOOTH. Made in all lengths $5\frac{1}{2}$ to 9 feet.



No. 381. AUSTRALIAN CHAMPION TOOTH SLEEPER CUTTER. Made in all lengths 5 to 8 feet.

For prices on the above saws, see page 78

Simonds Crescent Ground Cross-Cut Saws

Made Especially for the Australian Trade



No. 383. AUSTRALIAN FALLER'S SAW, "M" TOOTH AND RAKER. Made in all lengths 7 to 9 feet.



No. 384. AUSTRALIAN CHAMPION TOOTH FALLER'S SAW. Made only in 8 and 9 foot lengths.

For prices on the above saws, see page 78



The Simonds Saw tang is strong and durable, made to meet the special requirements of expert sawyers. A pair of tangs furnished without extra charge on all Australian Cross-Cut Saws.



Bay State Cross-Cut Saws



No. 203

Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price, 14 x 18 gauge	\$2.40	\$2.70	\$3.00	\$3.30	\$3.60	\$3.90	\$4.20	\$4.50	\$4.80



No. 204

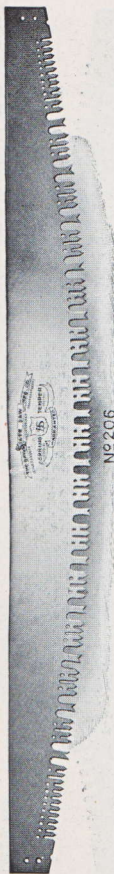
Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price, 14 x 18 gauge	\$2.40	\$2.70	\$3.00	\$3.30	\$3.60	\$3.90	\$4.20	\$4.50	\$4.80



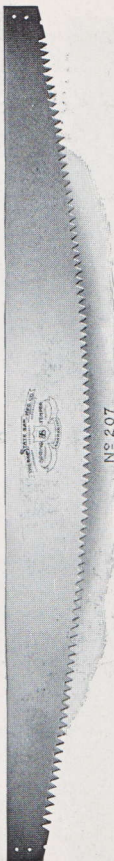
No. 205

Length, feet	4	4½	5	5½	6	6½	7	7½	8
No. 205 — List Price, 14 x 18 gauge	\$2.08	\$2.34	\$2.60	\$2.86	\$3.12	\$3.38	\$3.64	\$3.90	\$4.16
No. 205A — List Price, 14 x 16 gauge	1.92	2.16	2.40	2.64	2.88	3.12	3.36	3.60	3.84

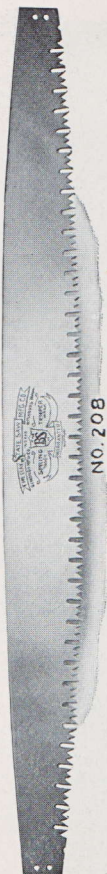
Bay State Cross-Cut Saws



Length, feet	4	4½	5	5½	6	6½	7
List Price, 14 × 18 gauge	\$2.56	\$2.88	\$3.20	\$3.52	\$3.84	\$4.16	\$4.48



Length, feet	4	4½	5	5½	6	6½	7	7½	8
No. 207 — List Price, 14 × 18 gauge	\$2.08	\$2.34	\$2.60	\$2.86	\$3.12	\$3.38	\$3.64	\$3.90	\$4.16
No. 207A — List Price, 14 × 16 gauge	1.92	2.16	2.40	2.64	2.88	3.12	3.36	3.60	3.84



Length, feet	4	4½	5	5½	6	6½	7
List Price, 14 × 18 gauge	\$2.40	\$2.70	\$3.00	\$3.30	\$3.60	\$3.90	\$4.20

Bay State Cross-Cut Saws—Hollow Back



Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price	\$1.12	\$1.26	\$1.40	\$1.54	\$1.68	\$1.82	\$1.96	\$2.10	\$2.24

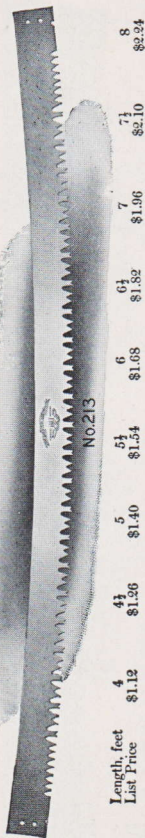


Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price	\$1.38	\$1.44	\$1.60	\$1.76	\$1.92	\$2.08	\$2.24	\$2.40	\$2.56



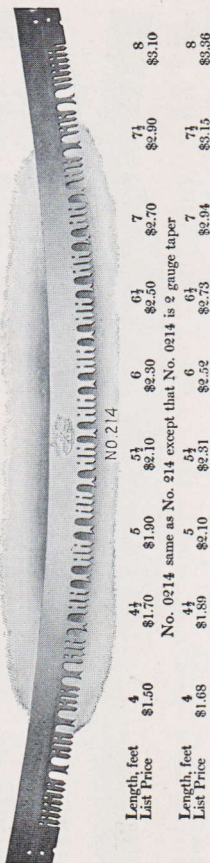
Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price	\$1.20	\$1.35	\$1.50	\$1.65	\$1.80	\$1.95	\$2.10	\$2.25	\$2.40

Bay State Cross-Cut Saws — Hollow Back



No. 213

Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price	\$1.12	\$1.26	\$1.40	\$1.54	\$1.68	\$1.82	\$1.96	\$2.10	\$2.24

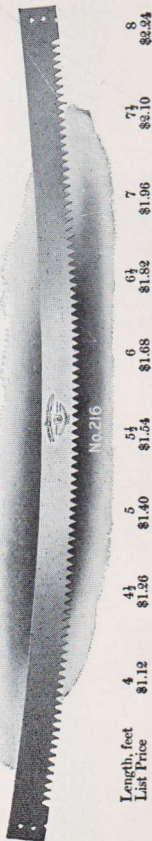


NO. 214

Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price	\$1.50	\$1.70	\$1.90	\$2.10	\$2.30	\$2.50	\$2.70	\$2.90	\$3.10

No. 0214 same as No. 214 except that No. 0214 is 2 gauge taper

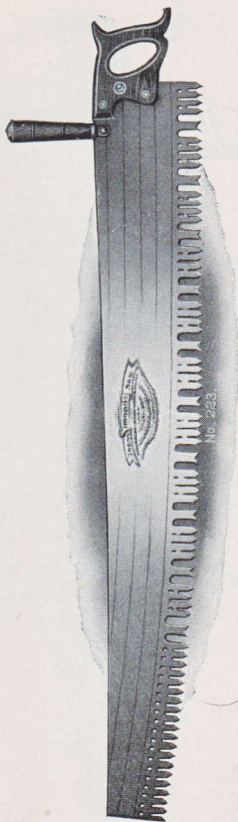
Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price	\$1.68	\$1.89	\$2.10	\$2.31	\$2.52	\$2.73	\$2.94	\$3.15	\$3.36



No. 216

Length, feet	4	4½	5	5½	6	6½	7	7½	8
List Price	\$1.12	\$1.26	\$1.40	\$1.54	\$1.68	\$1.82	\$1.96	\$2.10	\$2.24

Simonds One Man Cross-Cut Saws

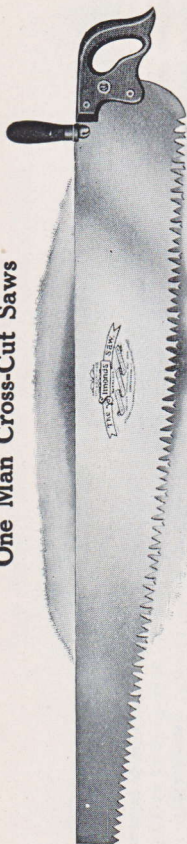


No. 223. Crescent Ground

This is the only "Crescent Ground" One Man Saw on the market. Accurately tapered from cutting edge to back. An even gauge all along the tooth edge. It cuts easy and saws fast. Double-horn handle with large opening, enabling operator to use mitten or glove in winter. Fully warranted.

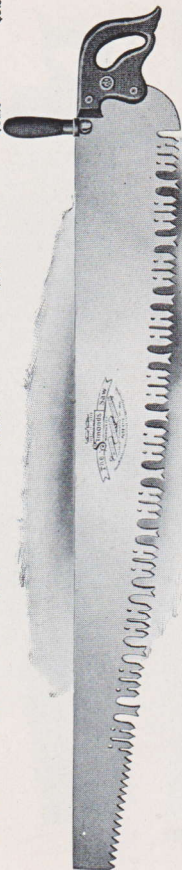
Length, feet	3	3½	4	4½	5	5½
List Price	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50

One Man Cross-Cut Saws



No. 111. Straight Ground

Length, feet	\$	3½	4	4½	5	5½
List Price		\$1.92	\$2.24	\$2.56	\$2.88	\$3.20
						\$3.52



No. 222. Straight Ground

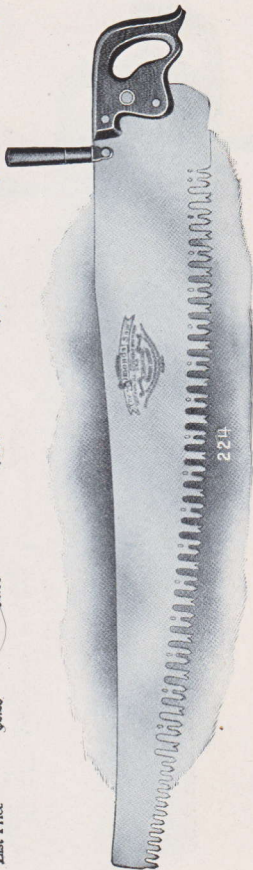
Length, feet	\$	3½	4	4½	5	5½
List Price		\$2.52	\$2.88	\$3.24	\$3.60	\$3.96

One Man Cross-Cut Saws



No. 112. Two slim cutting Teeth and Raker. Sway Back. Straight Ground.

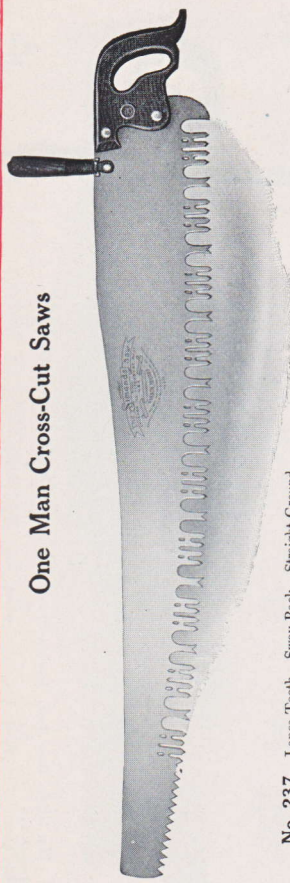
Length, feet	List Price
3	\$2.25
3½	\$2.65
4	\$3.00
4½	\$3.40
5	\$3.75
5½	\$4.15



No. 224. Sway Back. Straight Ground. Pressed steel supplementary handle.

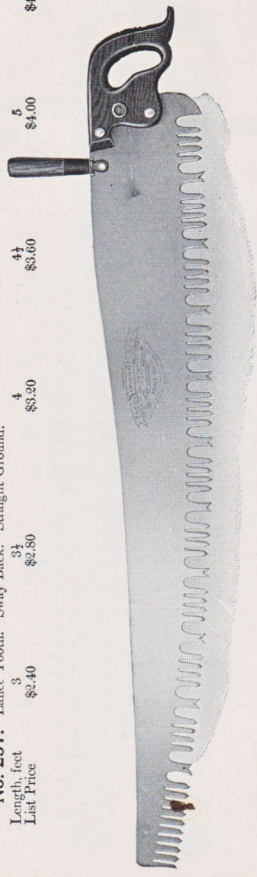
Length, feet	List Price
3	\$2.40
3½	\$2.80
4	\$3.20
4½	\$3.60
5	\$4.00
5½	\$4.40

One Man Cross-Cut Saws



No. 237. Lance Tooth. Sway Back. Straight Ground.

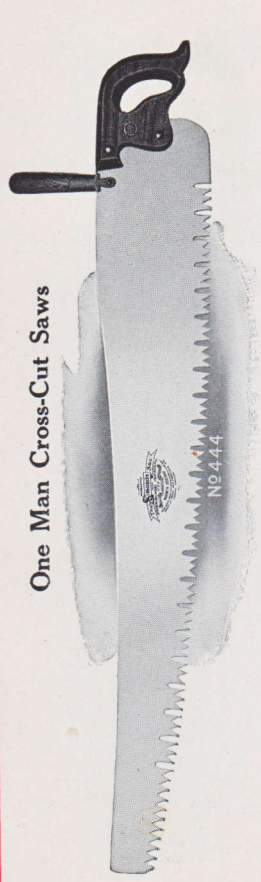
Length, feet	3	3½	4	4½	5	5½
List Price	\$2.40	\$2.80	\$3.20	\$3.60	\$4.00	\$4.40



No. 238. Chinook Tooth. Sway Back. Straight Ground.

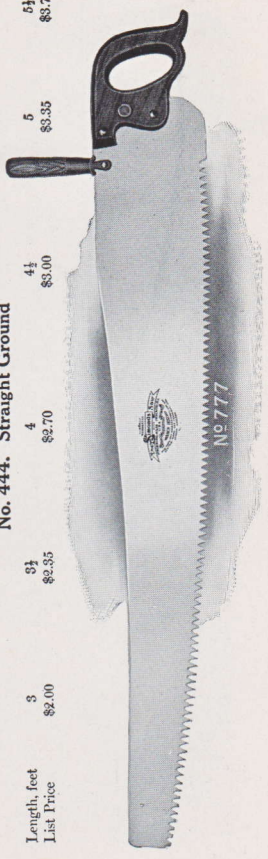
Length, feet	3	3½	4	4½	5	5½
List Price	\$2.40	\$2.80	\$3.20	\$3.60	\$4.00	\$4.40

One Man Cross-Cut Saws



No. 444. Straight Ground

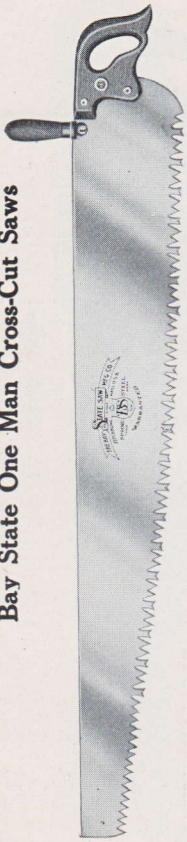
Length, feet	3	3½	4	4½	5	5½
List Price	\$2.00	\$2.35	\$2.70	\$3.00	\$3.35	\$3.70



No. 777. Straight Ground

Length, feet	3	3½	4	4½	5	5½
List Price	\$1.92	\$2.24	\$2.56	\$2.88	\$3.20	\$3.52

Bay State One Man Cross-Cut Saws



No. 231

Length, feet	3	3½	4	4½	5	5½
List Price, each	\$1.75	\$2.05	\$2.35	\$2.60	\$2.90	\$3.20

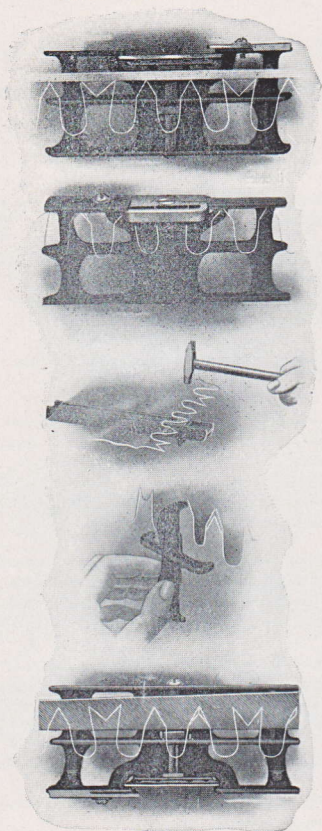


No. 233

Length, feet	3	3½	4	4½	5	5½
List Price, each	\$1.75	\$2.05	\$2.35	\$2.60	\$2.90	\$3.20

SIMONDS—"THE SAW MAKERS"

Saw Tool. No. B2



This tool was designed for the use of lumbermen and is appreciated by all users of cross-cut saws. It is light and convenient to carry in the pocket or to use in the woods. Packed one set in a box.

List Price \$6.00 per dozen

Advantages of the Simonds Crescent Saw Tools

Quick, accurate, and rigid adjustment of Raker Gauge.

No chance to dislocate slide when once set in position — a feature not to be found in any other saw tool on the market.

Depth of raker tooth can be varied from $\frac{1}{16}$ th of an inch to $\frac{1}{1000}$ th of an inch, the slide being held firmly in all positions.

The holding of Jointing File square with body of saw.

Illustrations on the next two pages show methods of using the Simonds Crescent Saw Tool Set.

CUT No. 2. — Jointing the Saw. The file is held so accurately and firmly in position that the cutting teeth are jointed or breasted evenly throughout the length of the saw.

CUT No. 3. — Filing Raker or Cleaner Teeth. The adjustable slide permits filing raker teeth uniformly any desired length.

CUT No. 4. — Setting the Teeth. A setting stake is included with the tools. This can be placed on any log or block and by means of the wedge driven in and held firmly in place. The face of the stake is beveled so that tooth will be given the proper amount of set.

CUT No. 5. — Regulating the Set. Set gauge can be held easily without cramping the fingers while using. The three points of the gauge being nearer together at one end than at the other allows filing to different lengths of the setting points. The amount of this set can be varied to suit any filer's taste.

CUT No. 6. — Spring Set. The wide jaws of setting slot prevent injury to tooth.

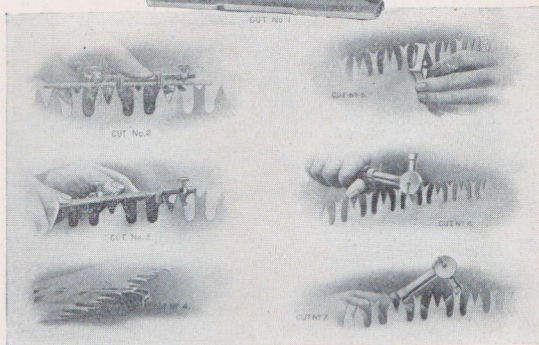
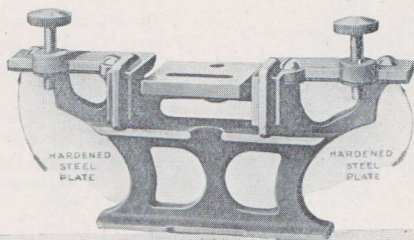
CUT No. 7. — Swaging Raker Teeth. Accomplished as shown in the illustration by use of the perfectly balanced hammer.

SIMONDS—"THE SAW MAKERS"

The Simonds Crescent Saw Tools

Patented August 29, 1899

No. 340

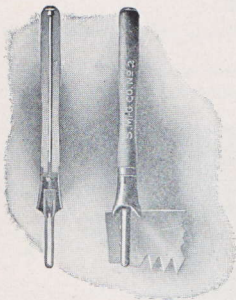


Price, per dozen sets, without hammer	\$10.50
Drop-forged Tool Steel Hammers, per dozen	4.80

Simonds Cross-Cut Saw Handles

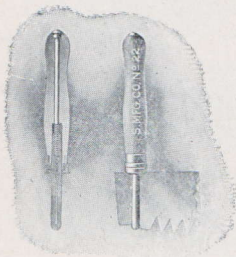
No. 2 Handle

Per Pair, 37 cents



The cut, as shown, is of our Patented Cross-Cut Handle, with loop, and bolt extending the whole length of handle.

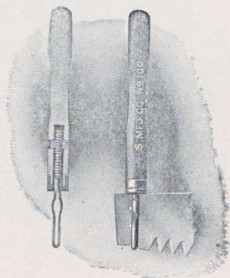
This is a superior handle, both on account of the nature of construction of the loop and bolt and the thorough workmanship of the handle in all details.



No. 22

Loop Handles

Per Pair, 37 cents



No. 100

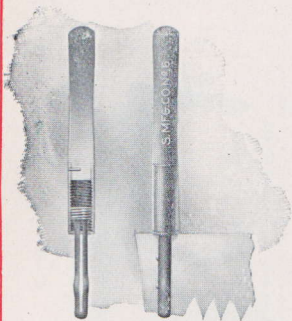
Loop Handles

Per Pair, 15 cents

Simonds Cross-Cut Saw Handles

No. 6

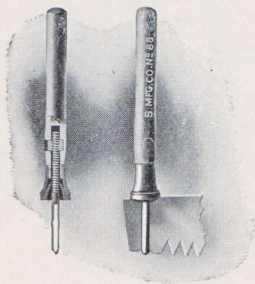
Per Pair, 75 cents



New—Neat—Strong

Made with malleable iron loop casting, the loop screwing up into a threaded ferrule at the bottom of the handle.

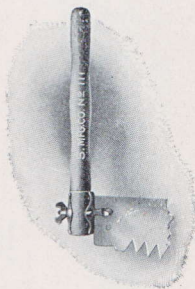
Ferrule made exceptionally strong, bringing liability of breakage down to a minimum.



No. 88

Loop Handles

Per Pair, 20 cents

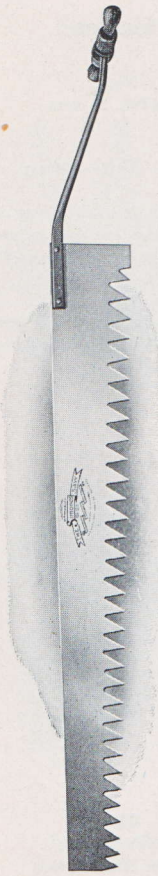


No. 111

Reversible

Per Pair, 14½ cents

Pond Ice Saw No. 350



		LIST PRICE, WITHOUT HANDLE							
Width at Butt	Width at Point	Thickness	3 feet	3½ feet	4 feet	4½ feet	5 feet	5½ feet	6 feet
8 inch	6 inch	10 gauge	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50	\$6.00 each
8 "	6 "	11 "	2.80	3.25	3.80	4.25	4.70	5.15	5.70 "
7 "	5 "	10 "	2.70	3.15	3.60	4.05	4.50	4.95	5.40 "
7 "	5 "	11 "	2.55	2.95	3.40	3.85	4.25	4.70	5.10 "

No. 352. Tiller Handles, complete, for above saws . . . \$1.10 each

Hand Ice Saw No. 359

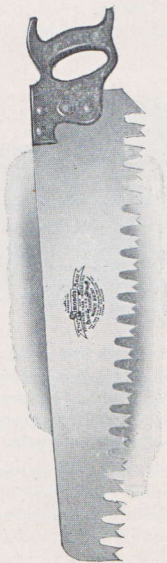
Hollow back, regular tooth



Length	26	28	30	32	34 inches
List Price.	\$10.50	\$12.50	\$13.50	\$14.50	\$15.50 per dozen

Hand Ice Saws

For Wagon Use



No. 355

Beech Handle, Polished Edges

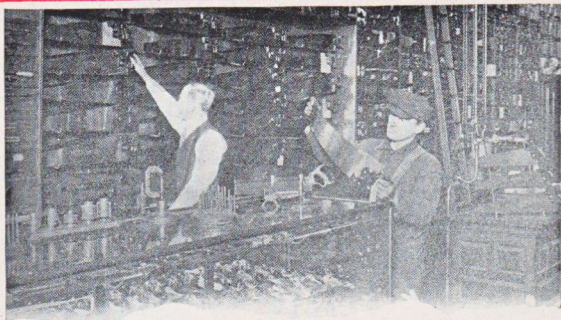
Length	24	26	28	30 inches
List Price	\$16.00	\$17.00	\$18.00	\$19.00 per dozen



No. 357

Malleable Iron Handle

Length	24	26	28	30 inches
List Price	\$19.00	\$20.00	\$21.00	\$22.00 per dozen



When Selling a Hand Saw

Explain to your customer the points of interest about the saws you are selling.

He may be a Carpenter, and thoroughly familiar with the use of saws; but you are a Merchant, and are equally well posted on the facts concerning saws, so you, in a nice way, can talk your line to your customer in terms which he not only understands but which command his respectful attention.

Tell why there are different priced saws.

The better grade Simonds Saw is ground with four gauges taper from tooth edge to back and from toe to heel. Grinding is slow, expensive work, but it adds very greatly to the value of a saw. Saws not full taper ground will bind in the cut, and it would be a waste of money for a good Carpenter to bother with such a saw at any price, no matter how cheap.

Simonds Saws are made of steel made in Simonds' own Steel Mill, and therefore the metal has an edge-holding quality not found in saws made of ordinary steel which has not had the specialized saw-making attention that has been given Simonds Steel.

Saw Steel is the product of experience.

We claim that Simonds Saws hang correctly, are ground perhaps closer

SIMONDS—"THE SAW MAKERS"

to gauge, and therefore hang lighter in the hand, than any other make of saw on the market.

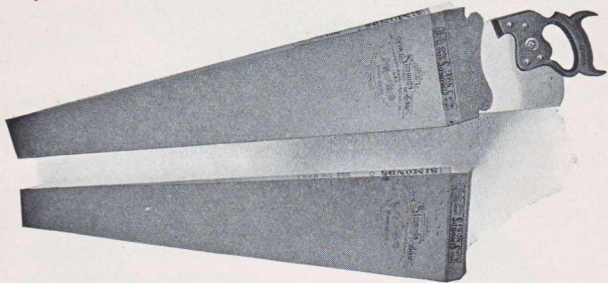
Handles should be made of thoroughly seasoned wood, so that they will never check or crack. Simonds Apple Wood is seasoned for three years under our own direction before being made into handles.

Handles that are carved and polished may be of no better quality than plain handles, but they look better and cost more to make.

Carpenters take pride in their saws, and want them to be a credit to their tool kits.

The Simonds Blue Ribbon Saws are the most attractive appearing high-grade saws ever offered the trade. They are made with the one idea of getting an article as nearly perfect as human skill can make it.

Saws are uniformly and properly filed and set when leaving the factory. However, many Carpenters have their own preference as to style of filing, and are able easily to file their new saws according to their own style.

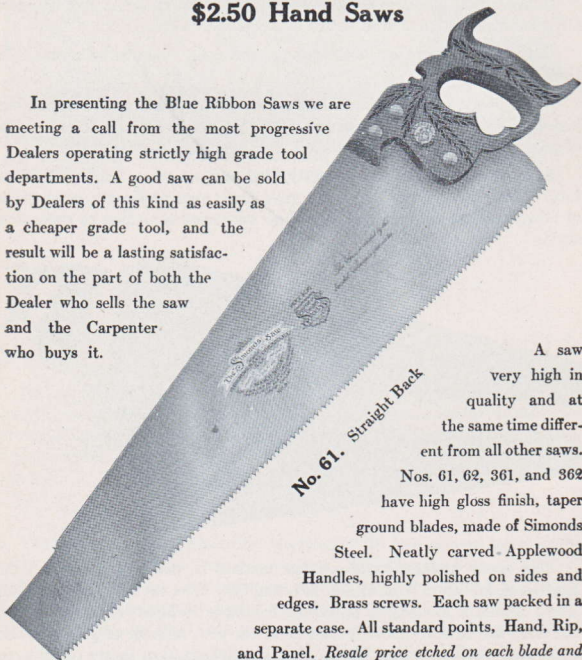


The above illustration shows our method of packing Simonds Blue Ribbon Hand Saws, Nos. 61, 62, 361, and 362. The advantages are: when a saw is sold, it is ready to hand to a customer without further doing up; the cases are so marked with the size of the saw, number of points to the inch, and whether Rip or Hand, that this information shows plainly, no matter how the cases are placed on the shelf; by arranging the saws handle and point, they will pack squarely and evenly on the shelf.

Every saw bearing the Simonds Trade-Mark is absolutely guaranteed against any and all defects, and is made to retail at a moderate price, with an interesting profit to both Jobber and Retailer. This line offers exceptional advantages for the Jobber and Retailer.

**Simonds Manufacturing Company's
Blue Ribbon
\$2.50 Hand Saws**

In presenting the Blue Ribbon Saws we are meeting a call from the most progressive Dealers operating strictly high grade tool departments. A good saw can be sold by Dealers of this kind as easily as a cheaper grade tool, and the result will be a lasting satisfaction on the part of both the Dealer who sells the saw and the Carpenter who buys it.



No. 61. Straight Back

A saw very high in quality and at the same time different from all other saws. Nos. 61, 62, 361, and 362 have high gloss finish, taper ground blades, made of Simonds Steel. Neatly carved Applewood Handles, highly polished on sides and edges. Brass screws. Each saw packed in a separate case. All standard points, Hand, Rip, and Panel. *Resale price etched on each blade and enameled in large screw head.*

List Prices on next page

SIMONDS—"THE SAW MAKERS"

PRICE \$2.50



*This saw is covered by the
broadest Simonds Guaranty,*

The above mark, with Retail Price, is etched on each saw, Nos. 61, 62, 361, and 362; on 18-inch, \$1.75; on 20 and 22-inch, \$2.00; on 24 and 26-inch, \$2.50; on 28-inch, \$3.00. This is a valuable selling feature for the Dealer who believes in maintaining an honest price at a legitimate profit.



The Blue Ribbon Saw is in a class by itself. Looks right, hangs right, and is right. Its handsome appearance makes it a good seller, because it instantly attracts the attention of the buyer. Show it and you sell it.

LIST PRICES NOS. 61 AND 62

Points to the Inch	PANEL				HAND		RIP	
	8 to 12				6 to 12	7 to 9	5, 5½, 6	4½, 5, 5½, 6
Length, inches	18	20	22	24	26	28	26	28
Per dozen . . .	\$21.00	\$24.00	\$24.00	\$30.00	\$30.00	\$36.00	\$30.00	\$36.00
Resale, each . .	1.75	2.00	2.00	2.50	2.50	3.00	2.50	3.00

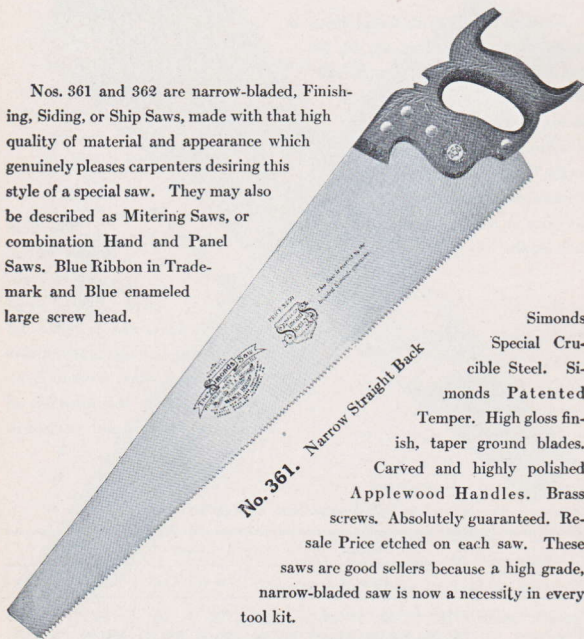
We know of no other saws which equal these in appearance and quality

Each saw packed in a separate case

Write for Discounts

**Simonds Manufacturing Company's
Blue Ribbon
\$2.50 Hand Saws**

Nos. 361 and 362 are narrow-bladed, Finishing, Siding, or Ship Saws, made with that high quality of material and appearance which genuinely pleases carpenters desiring this style of a special saw. They may also be described as Mitering Saws, or combination Hand and Panel Saws. Blue Ribbon in Trade-mark and Blue enameled large screw head.



No. 361. Narrow Straight Back

Simonds Special Crucible Steel. Simonds Patented Temper. High gloss finish, taper ground blades. Carved and highly polished Applewood Handles. Brass screws. Absolutely guaranteed. Resale Price etched on each saw. These saws are good sellers because a high grade, narrow-bladed saw is now a necessity in every tool kit.

List Prices on next page

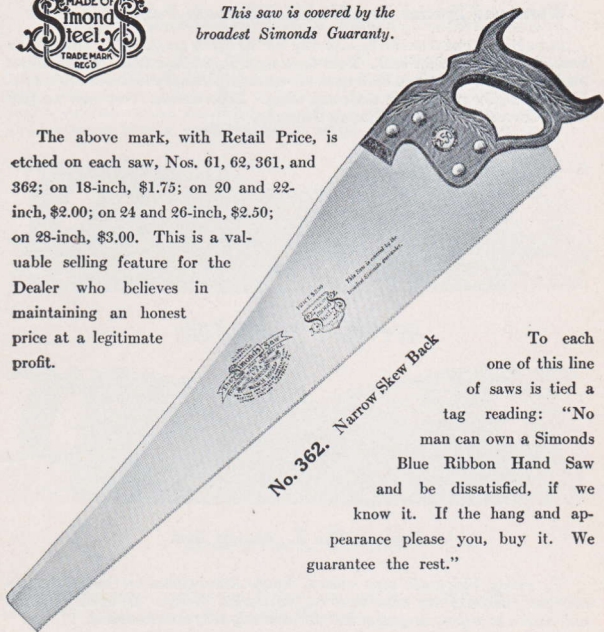
SIMONDS—"THE SAW MAKERS"

PRICE \$2.50



*This saw is covered by the
broadest Simonds Guaranty.*

The above mark, with Retail Price, is etched on each saw, Nos. 61, 62, 361, and 362; on 18-inch, \$1.75; on 20 and 22-inch, \$2.00; on 24 and 26-inch, \$2.50; on 28-inch, \$3.00. This is a valuable selling feature for the Dealer who believes in maintaining an honest price at a legitimate profit.



No. 362. Narrow Skew Back

To each one of this line of saws is tied a tag reading: "No man can own a Simonds Blue Ribbon Hand Saw and be dissatisfied, if we know it. If the hang and appearance please you, buy it. We guarantee the rest."

LIST PRICES NOS. 361 AND 362

Points to the Inch	PANEL				HAND		RIP	
	8 to 12				6 to 12	7 to 9	5, 5½, 6	4½, 5, 5½, 6
Length, inches	18	20	22	24	26	28	26	28
Per dozen . . .	\$21.00	\$24.00	\$24.00	\$30.00	\$30.00	\$36.00	\$30.00	\$36.00
Resale, each . .	1.75	2.00	2.00	2.50	2.50	3.00	2.50	3.00

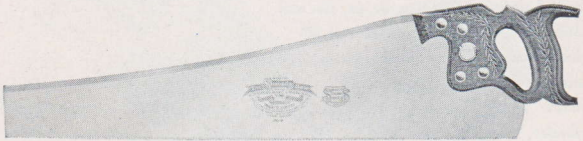
Each saw packed in a separate case

Write for Discounts

Simonds Hand Saws

Warranted Special Crucible Steel, Simonds Patented Temper

Saws Nos. 4 and 5 are made expressly for the better grade trade. One is skew back, the other straight back. Both have high gloss finish, taper ground blades made of Simonds Steel, and both have full carved, thoroughly seasoned Applewood Handles, highly polished on sides and edges. Brass screws. Very easy hanging saws. Covered by broadest Simonds Guaranty.



Simonds No. 4. Skew Back



Simonds No. 5. Straight Back

For strictly high grade saws without Resale Prices etched on them these two are clearly ahead of any other saws on the market to-day. In finish of blade and handle as well as in quality and workmanship they are unexcelled.

LIST PRICES NOS. 4 AND 5

Points to the Inch	PANEL					HAND			RIP		
	8 to 12					6 to 12	7 to 9		5, 5½, 6	4½, 5, 5½, 6	
Length, inches	16	18	20	22	24	26	28	30	26	28	30
Per dozen . . .	\$18.75	\$20.75	\$23.00	\$25.00	\$27.00	\$29.00	\$33.00	\$38.00	\$29.00	\$33.00	\$38.00

Above saws packed one third dozen in a box

Write for Discounts

Simonds Hand Saws

Warranted Special Crucible Steel, Simonds Patented Temper

Saws Nos. 7 and 8 are full width saws of the size, shape, quality, and price most popular with the Carpenter who wants a high grade saw at a moderate price. Blades made of finest steel and accurately ground to full taper. No. 7 has four screws and carved and polished Applewood Handle. No. 8 has five screws and Applewood Handle, polished sides and edges.



Simonds No. 7. Straight Back



Simonds No. 8. Skew Back

These saws are in quality and finish of steel and handle thoroughly modern, and are subject to the broadest Simonds Warranty.

LIST PRICES NOS. 7 AND 8

Points to the Inch	PANEL					HAND	RIP			
	8 to 12					6 to 12	6	4½, 5, 5½, 6		
Length, inches	16	18	20	22	24	26	24	26	28	30
Per dozen....	\$14.75	\$16.25	\$18.00	\$20.00	\$21.50	\$22.50	\$21.50	\$22.50	\$25.50	\$28.50

Above saws packed one third dozen in a box

Write for Discounts

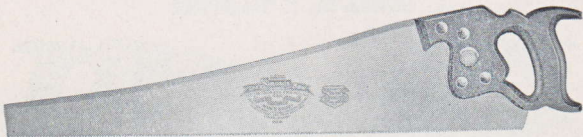
Simonds Hand Saws

Warranted Special Crucible Steel, Simonds Patented Temper

These two narrow bladed saws are decidedly superior grade saws. They are Ship Saws, Finishing, or Siding Saws, and are sometimes called combination Panel and Mitering Saws. Full taper ground. Polished Applewood Handles, No. 7½ carved. Brass screws. Both have always been popular sellers.



Simonds No. 7½. Straight Back Narrow Saw



Simonds No. 9. Skew Back Narrow Saw

These saws are in quality and finish of steel and handle thoroughly modern Hand Saws, and are subject to the broadest Simonds Warranty.

LIST PRICES NOS. 7½ AND 9

Points to the Inch	PANEL					HAND			RIP	
	8 to 12					6 to 12			4½, 5, 5½, 6	
Length, inches	16	18	20	22	24	26	28	30	28	30
Per dozen . . .	\$15.00	\$16.50	\$18.00	\$20.00	\$21.50	\$22.50	\$26.00	\$29.00	\$26.00	\$29.00

Above saws packed one third dozen in a box

Write for Discounts

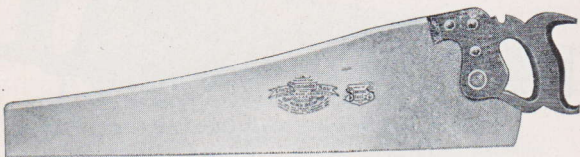
Simonds Hand Saws

Warranted Special Crucible Steel, Simonds Patented Temper

In Nos. 10 and 10½ we offer a straight back and a skew back, manufacturer's own brand saw, at a price so low as to appeal especially to the amateur mechanic, the manual training student, or the worker on the farm or at the home shop. Selected Steel, Taper Ground Blades, Polished Beech Handles, Four Screws.



Simonds No. 10. Straight Back



Simonds No. 10½. Skew Back

These saws are in quality and finish of steel and handle the highest value for the moderate price, and are subject to the broadest Simonds Warranty.

LIST PRICES NOS. 10 AND 10½

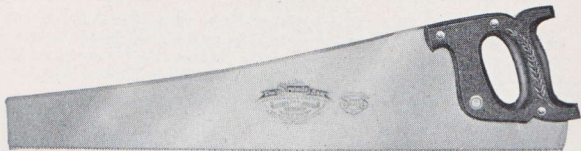
Points to the Inch	PANEL				HAND	RIP	
	8 to 12				6 to 12	4, 5, 5½, 6	
Length, inches	18	20	22	24	26	26	28
Per dozen . . .	\$14.00	\$16.00	\$18.00	\$19.00	\$20.00	\$20.00	\$23.50

Above saws packed one third dozen in a box

Write for Discounts

Simonds Hand Saws

Warranted Special Crucible Steel, Simonds Patented Temper



No. 56. Set-in Handle Saw

This saw is made in one length only, Hand or Rip, Selected Steel, Full Taper Ground Blade. Neatly carved and thoroughly seasoned polished Applewood Handle, natural finish. Four screws. Warranted.

List Price, 26-inch\$22.50 per dozen



No. 57. Plumbers' Double Edge Hand Saw

Adjustable Applewood Handle. Thumb nut. One edge has teeth suitable for cutting wood, while the other edge has finer teeth, which enable the user to cut nails, lead pipe, etc. Special Crucible Steel. Warranted.

Length, inches	18	20	22
List Price, per dozen	\$16.50	\$18.25	\$21.00



No. 58. Flooring Saw

Special Crucible Steel. Warranted Applewood Handle with polished edges. Four screws. Made for cutting through floors or flat surfaces. Made only in 20-inch length with 8 points to the inch.

List Price, 20-inch \$19.00 per dozen

Above saws packed one third dozen in a box. Write for Discounts

**Simonds Manufacturing Co.'s
Warranted Special Crucible Steel, Simonds Patented Temper,
Joiner or Bench Saw.**

No. 14.

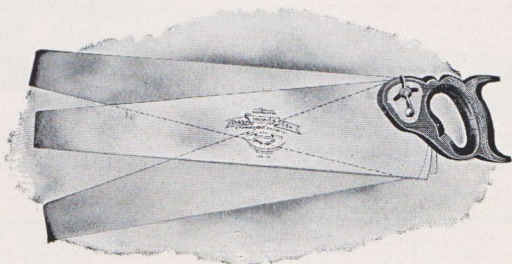
Special Crucible Steel, Warranted, Carved and Highly Polished Apple Handle,
Two Screws.



Length, 17 inches, \$15.00 per dozen.

No. 15. Hack Hand Saw

Special Crucible Steel, Warranted, Carved and Highly Polished
Adjustable Apple Handle



Simonds Patented Temper, specially high for cutting Metal, Nails, etc.
Taper Ground for Clearance.

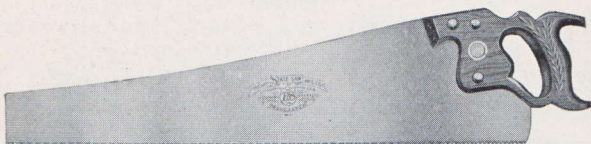
16	18	20	22	24	26 inches.
\$18.50	\$20.50	\$22.50	\$25.00	\$27.00	\$29.00 per dozen.

These Saws are in quality and finish of steel and handle the most modern
Saws on the market, and are subject to the broadest Simonds Warranty.

Packed one third dozen in box.

Bay State Saw Manufacturing Co.'s

Warranted Crucible Steel, Patented Temper, Hand, Panel and Rip Saws



No. 25. Crucible Steel, Warranted, Carved Birch Handle, Skew Back, Four Screws

Points	PANEL				HAND	RIP		
	8 to 11	7 to 12	6 to 12	6 to 12	6 & 7	5, 5½, 6	4½, 5, 5½	
Length, inches	18	20	22	24	26	24	26	28
Per dozen .	\$14.00	\$15.00	\$16.00	\$17.00	\$20.00	\$17.00	\$20.00	\$22.00



No. 26. Crucible Steel, Warranted, Carved Birch Handle, Straight Back, Four Screws

Points	PANEL				HAND	RIP		
	8 to 12	7 to 11	7 to 12	6 to 10	6 to 10	6 & 7	5, 5½, 6	5
Length, inches .	18	20	22	24	26	24	26	28
Per dozen . . .	\$14.00	\$15.00	\$16.00	\$17.00	\$20.00	\$17.00	\$20.00	\$22.00

Packed one-third dozen in a box.

Write for Discounts

King Philip

Son of Massasoit. Prominent in early New England history



No. 42. Skew Back

Mohawk

An Indian Tribe of North America, one of the Five Nations



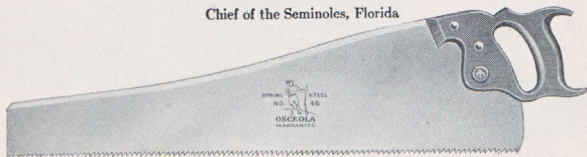
No. 141. Straight Back

List Prices Nos. 42 and 141. Cast Steel, Polished Blade, Warranted, Beech Handle, Polished Sides and Edges, Four Screws

Length, inches	16	18	20	22	24	26	28
Per dozen	\$10.40	\$11.15	\$12.30	\$13.15	\$14.60	\$15.50	\$17.50

Osceola

Chief of the Seminoles, Florida



No. 46

List Prices. Cast Steel, Skew Back. Furnished with Bright Blade. Warranted, Beech Handle, Polished Edges, Three Screws

Length, inches	16	18	20	22	24	26	28
Per dozen	\$9.00	\$9.50	\$10.00	\$10.50	\$11.25	\$12.00	\$14.00

Above saws packed one half dozen in a box

Write for Discounts

SIMONDS—"THE SAW MAKERS"

The Sioux

Prominent among the more recent Indian tribes

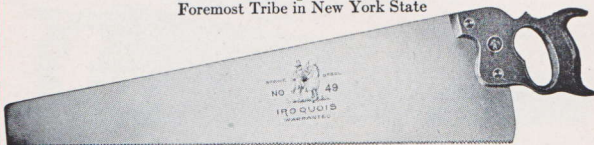


No. 47. Cast Steel, Straight Back, Polished Blade, Beech Handle, with Polished Steel Plate, Three Screws

Points	PANEL						HAND	RIP	
	8 to 11				6 to 10		6 to 11	5, 5½	
Length, inches . . .	14	16	18	20.	22	24	26	26	28
Per dozen	\$7.10	\$7.60	\$8.20	\$8.75	\$9.35	\$9.95	\$10.50	\$12.90	\$15.20

Iroquois

Foremost Tribe in New York State



No. 49. Cast Steel, Beech Handle, Polished Edges, Three Screws

Points	PANEL						HAND	RIP	
	8 to 12	7 to 12		7 to 11	6 to 10		6 to 10	5, 5½, 6	5, 5½
Length, inches . . .	16	18	20	22	24		26	26	28
Per dozen	\$5.85	\$6.30	\$6.80	\$7.40	\$7.95		\$8.55	\$8.55	\$10.50

Pontiac

Chief of the Ottawas



No. 50. Beech Handle, Three Screws

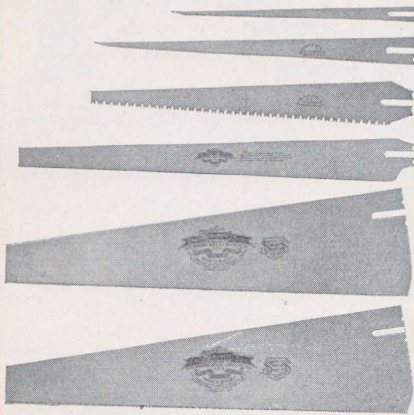
Points	PANEL						HAND	RIP	
	8 to 12			7 to 12	7 to 11	6 to 10		6 to 10	5, 5½, 6
Length, inches . . .	12	14	16	18	20	22	24	26	26
Per dozen	\$4.20	\$4.70	\$5.15	\$5.60	\$6.10	\$6.55	\$7.05	\$7.60	\$7.60

Packed one-half dozen in a box.

Write for Discounts

Simonds Kit of Saws

Packed in a Canvas Case



- (a) Adjustable Apple Wood Handle fitting each of the six Blades.
Price per dozen .. \$4.50
- (b) 12 inch Keyhole Saw Blade.
Price per dozen .. \$2.25
- (c) 14 inch Compass Saw Blade.
Price per dozen .. \$2.75
- (d) 16 inch Double-edge Pruning Saw Blade.
Price per dozen .. \$7.00
- (e) 18 inch Plumbers' Saw Blade for cutting wood, nails, soft metals, etc.
Price per dozen . \$11.00
- (f) 20 inch Hand Saw Blade, 10 point, filed and set.
Price per dozen . \$11.00
- (g) 20 inch Rip Saw Blade, 7 point.
Price per dozen . \$11.00
- (h) Canvas Case, bound on edges with leather, and fitted for carrying the six Blades and Handle listed above.
Price per dozen .. \$6.00

LIST PRICES

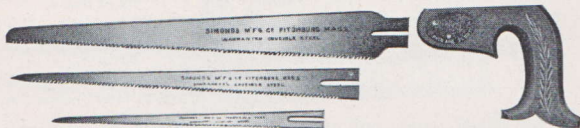
Including Adjustable Handle and Canvas Case. Blades and Handle packed in the case.

Kit No.	Blades and Handle	Each	Per dozen
281	a, b, c, d, e, f, g, h	\$4.50	\$54.00
"	No. 282 a, b, c, e, f, g, h	4.00	48.00
"	No. 283 a, b, c, d, f, g, h	3.50	42.00
"	No. 284 a, b, c, f, g, h	3.00	36.00
"	No. 285 a, c, f, g, h	2.75	33.00

Write for Discounts

Simonds Manufacturing Co.'s Nests of Saws

No. 79. Simonds Mfg. Co.'s Nest of Saws with adjustable handle, patented April 21, 1908. Combining one each, Keyhole, Compass, and Table or Pruning Saw.



Handle and Screws	\$5.00 per dozen	Compass Blades 14 inch	\$3.00 per dozen
Keyhole Blades 10 inch	2.00 " "	Pruning Blades 16 inch	5.00 " "
Packed four sets in box.	Total for Nest		\$15.00 per dozen sets

No. 80. Simonds Mfg. Co.'s Nest of Saws with patented adjustable handle, combining one each, Keyhole and Compass Saws.

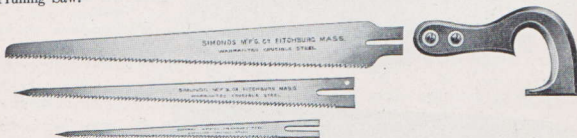
Handle and Screws	\$5.00 per dozen	Compass Blades 14 inch	\$3.00 per dozen
Keyhole Blades 10 inch	2.00 " "		
Packed four sets in box.	Total for Nest		\$10.00 per dozen sets

No. 81. Simonds Mfg. Co.'s Compass Saw with patented adjustable handle.

10	12	14	16	18	20 inches
\$7.00	\$7.50	\$8.00	\$8.50	\$9.00	\$9.50 per dozen

Packed one third dozen in box

No. 84. Nest of Saws. Combining one each, Keyhole, Compass, and Table or Pruning Saw.



Handle and Screws	\$1.75 per dozen	Compass Blades 14 inch	\$2.75 per dozen
Keyhole Blades 10 inch	2.00 " "	Pruning Blades 16 "	5.50 " "
Packed three sets in box.	Total for Nest		\$12.00 per dozen sets

No. 85. Nest of Saws. Combining one each, Keyhole and Compass Saws.

Handle and Screws	\$1.75 per dozen	Compass Blades 14 inch	\$2.75 per dozen
Keyhole Blades 10 inch	2.00 " "		
Packed three sets in box.	Total for Nest		\$6.50 per dozen sets

No. 86. Interchangeable Compass Saw. Handle and blade complete

10	12	14	16	18	20 inches
\$4.00	\$4.25	\$4.50	\$4.75	\$5.00	\$5.25 per dozen

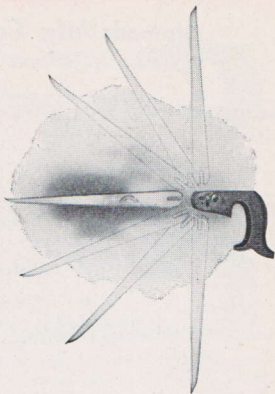
No. 86 B. Interchangeable Compass Blades

10	12	14	16	18 inches
\$2.25	\$2.50	\$2.75	\$3.00	\$3.50 per dozen

Packed one half dozen in box

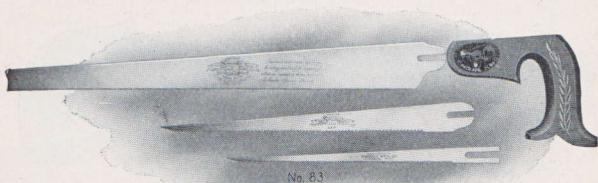
Adjustments

This illustrates a few of the many positions in which blades can be used with our new patented adjustable handle such as furnished with Nos. 79, 80, 81, and 83. The tooth edge of the blade can be either up or down.



Plumber's Nest of Saws

No. 83. Nest of Saws with metal cutting blade and patented adjustable handle.

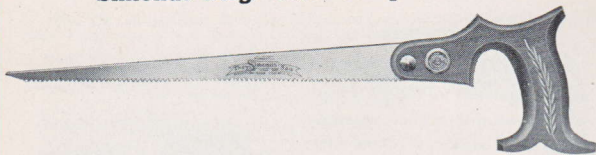


Complete, including Handle, 10 inch Keyhole Blade,
12 inch Compass Blade, and 18 inch Nail Cutting
Blade \$18.00 per dozen

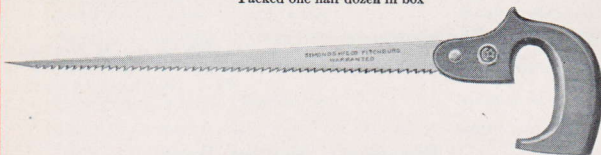
Packed four sets in box

Extra Nail Cutting Blades, 18 inch \$11.00 per dozen

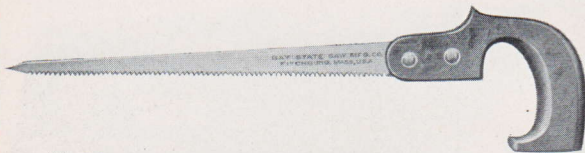
Simonds Mfg. Co.'s Compass Saws



No. 116. Simonds Mfg. Co.'s Compass Saw. Improved Shaped Apple Handle
 10 \$4.50 12 \$4.75 14 \$5.00 16 inches \$5.25 per dozen
 Packed one half dozen in box



No. 87. Simonds Mfg. Co.'s Compass Saw, Crucible Steel, Apple Handle
 Warranted
 10 \$4.25 12 \$4.50 14 \$4.75 16 inches \$5.00 per dozen
 Packed one half dozen in box



No. 88. Compass Saw, Crucible Steel, Beech Handle
 12, 14, and 16 inches \$3.75 per dozen
 Packed one half dozen in box



No. 94. Compass Saw, 12, 14, and 16 inches \$2.25 per dozen
 Packed one half dozen in box

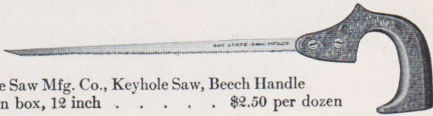
Write for Discounts

SIMONDS—"THE SAW MAKERS"

**Simonds
Mfg. Co.'s
Keyhole
Saws**

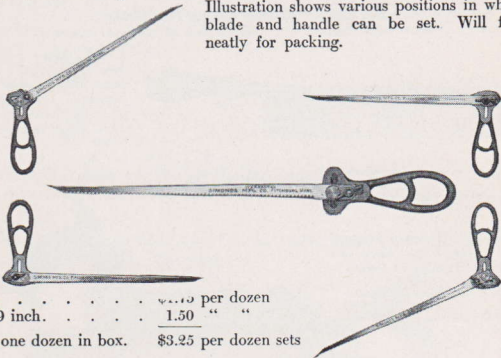


No. 117. Simonds Mfg. Co.'s Keyhole Saw. Carved and Polished Apple Handle
10 or 12 inch \$4.50 per dozen
Packed one half dozen in box



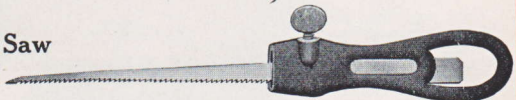
No. 89. Bay State Saw Mfg. Co., Keyhole Saw, Beech Handle
Packed one dozen in box, 12 inch \$2.50 per dozen

No. 82. Simonds Mfg. Co.'s Keyhole Saw with patented adjustable pad.
Illustration shows various positions in which
blade and handle can be set. Will fold
neatly for packing.



Handle \$2.75 per dozen
Blades 9 inch. 1.50 " "
Packed one dozen in box. \$3.25 per dozen sets

**Keyhole Saw
and Pad**



No. 90. Keyhole Saw, \$1.40; Handle, \$1.20; complete \$2.60 per dozen
No. 91. Cast Steel Keyhole Saw Blades, extra ground, set and
sharpened 2.00 " "
No. 92. Cast Steel Reversible Keyhole Saw Blades 2.00 " "
No. 93. Cast Steel Blind-Makers' Saw Blades 1.75 " "
Packed one dozen in box

SIMONDS—"THE SAW MAKERS"

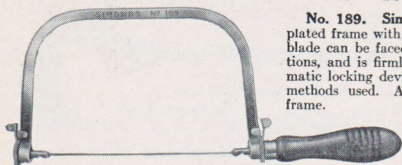


No. 78. Simonds Interchangeable Compass Saw. Plain handle with polished edges. Metal ferrule with screw adjustment, allowing interchange of blades. Blades held firmly in handle. Tooth edge can be faced either up or down.

Packed one half dozen in a box

LIST PRICES

		8	10	12	14	16	inches
No. 78.	Complete	\$4.50	\$4.75	\$5.00	\$5.25	\$5.50	per dozen
No. 78 B.	Extra Blades	2.00	2.25	2.50	2.75	3.00	" "



No. 189. Simonds Coping Saw. Nickel-plated frame with polished birch handle. The blade can be faced in any one of eight directions, and is firmly held in place by an automatic locking device which is superior to other methods used. A blade furnished with each frame.

Price with blade, complete, \$9.00 per dozen

Packed one half dozen in a box

No. 189 B. Simonds Coping Saw Blades
Extra 6-inch blades

List Price, 50 cents per dozen



No. 168. Dovetail Saw. Polished handle, brass plated steel back, Simonds Crucible Steel blade, 1½ inches wide under back, 26 gauge, 17 points to the inch.

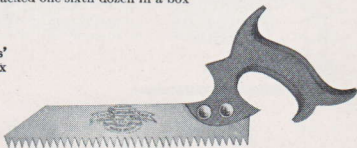
		6	8	10	12	inches
List Price		\$7.25	\$7.75	\$8.75	\$9.50	per dozen

Packed one sixth dozen in a box

No. 166. Pattern Makers' Saw. Apple Handle, blade 7½ x 1½ inches, 21 gauge, 15 points.

List Price, \$5.00 per dozen

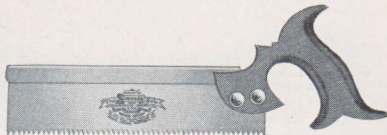
Packed one in a box



No. 170. Back Saw Prof. Ball Pattern. Apple Handle, polished edges, brass plated steel back, Simonds Crucible Steel blade, 1½ inches wide under back, 26 gauge, 17 points to the inch.

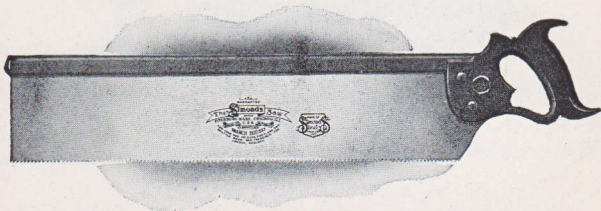
Packed one sixth dozen in a box

		6	8	10	12	inches
List Price		\$7.50	\$8.00	\$9.00	\$9.75	per dozen



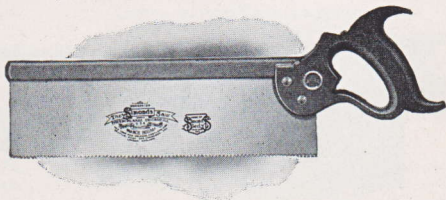
Crucible Steel Back Saws

No. 95. Crucible Steel Mitre Box Saws, Apple Handle, Polished Edges, Blued Steel Back, Set and Hand Filed, ready for use. Warranted. Toothed Edge, 2 inches shorter than the full length of Blade.



	4 Inches under Back	5 Inches under Back	6 Inches under Back
18 inch	\$22.00 per dozen	. . . . .	. . . . .
20 "	24.00 "	. . . . .	. . . . .
22 "	26.00 "	. . . . .	\$31.00 per dozen
24 "	28.00 "	\$31.00 per dozen	34.00 "
26 "	30.00 "	33.50 "	37.00 "
28 "	32.00 "	36.00 "	40.00 "
30 "	34.00 "	38.50 "	43.00 "
32 "	36.00 "	41.00 "	46.00 "

No. 96. Crucible Steel Blade, Apple Handle, Polished Edges, Blued Steel Back, Set and Hand Filed, ready for use. Warranted.

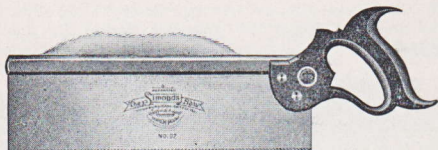


8 10 12 14 16 18 inches
 \$13.00 \$14.00 \$16.00 \$18.00 \$20.00 \$22.00 per dozen

Packed one third dozen in box

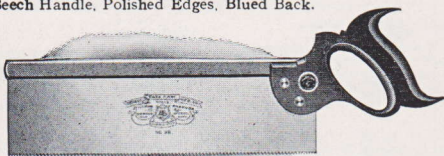
Crucible Steel Back Saws.

No. 97. Crucible Steel Blade. Beech Handle, Polished Edges, Blued Back, Set and Hand Filed, ready for use. Warranted.



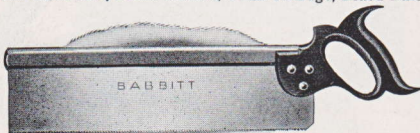
8	10	12	14	16	18	20	22	inches.
\$11.50	\$12.00	\$14.00	\$16.00	\$18.00	\$21.00	\$22.00	\$24.00	per dozen.

No. 98. Beech Handle, Polished Edges, Blued Back.



6	8	10	12	14	16	18	20	22	24	inches.
\$8.50	\$9.00	\$10.00	\$12.00	\$14.00	\$16.00	\$18.00	\$20.00	\$22.00	\$24.00	per doz.

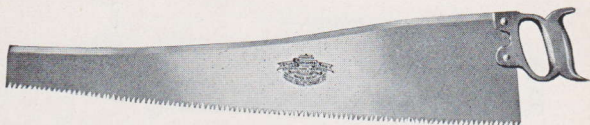
No. 99. Babbitt Back Saw, Beech Handle, Polished Edge, Blued Back.



6	8	10	12	14	inches.
\$7.00	\$7.50	\$8.00	\$9.00	\$10.00	per dozen.

Packed one third dozen in box.

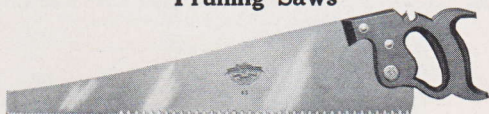
No. 348. Simonds Docking or Farming Saw



An easy-cutting handy saw for Lumbermen to use around docks and yards where rough ends of boards or planks need to be sawed off. Also for Bridge Builders, Scale Builders, Carpenters, House Framing, and for the Farm wood-yard. Full-breasted blade with bevel filed teeth, $4\frac{1}{2}$ points to the inch, 18-gauge on cutting edge, taper ground for clearance. Malleable iron handle, firmly riveted to blade. This saw can also be furnished with a removable wooden handle and thumb screw, when so specified, at the same price.

List Price, 30-inch \$24.00 per dozen

Pruning Saws



No. 63. SIMONDS PRUNING SAW. Beech Handle with varnished edges. Three brass screws. Crucible Steel Blade, 20 inches long, having "M" teeth at the heel and common teeth at the point.

List Price, 20-inch \$12.00 per dozen

Packed one third dozen in a box



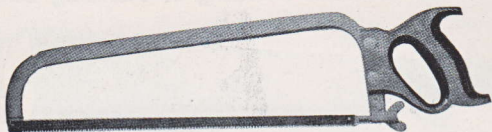
No. 73. BAY STATE PRUNING SAW. Beech Handle with varnished edges. Three brass screws. Crucible Steel Blade, 20 inches long, with 7, 8, or 9 points to the inch.

List Price, 20-inch \$11.00 per dozen

Packed one third dozen in a box

Write for Discounts

Simonds Pruning Saws



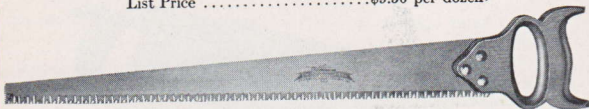
- No. 125.** Flat Steel Frame, Beech Handle, Varnished, Edges, Blued Steel Blade. 14½ inches between centers of holes.
 List Price\$13.00 per dozen
 Extra Blades for No. 125 1.15 " "



- No. 126.** Simonds Warranted Crucible Steel Blade, Beech Handle, Polished Edges. Made in 24 inch length only, 6 points.
 List Price\$13.00 per dozen



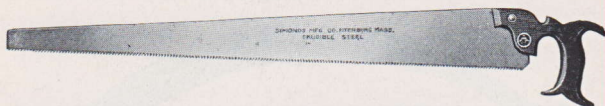
- No. 127.** Simonds Warranted Crucible Steel Blade, Beech Handle, Polished Edges. Made in 16 inch length only, 8 points.
 List Price\$9.50 per dozen.



- No. 128.** Simonds Warranted Crucible Steel Blade, Lightning Tooth, Apple Handle, Polished Edges, Three Screws. Made in 20 inch length only
 List Price\$11.50 per dozen

Write for Discounts

Table and Pruning Saws



No. 64. Simonds Mfg. Co., Crucible Steel, Warranted, Apple Handle, Polished Edge, Two Screws, Grained Blade

12	14	16	18	20	22	24	26 inches
\$8.00	\$8.50	\$9.00	\$10.00	\$11.00	\$12.00	\$13.00	\$14.00 per dozen

Packed one third dozen in box



No. 74. Bay State Saw Mfg. Co., Beech Handle, Polished Edge, Two Screws Grained Blade

12	14	16	18	20	22	24	26 inches
\$5.50	\$6.00	\$6.75	\$7.50	\$8.25	\$9.00	\$9.75	\$10.50 per dozen

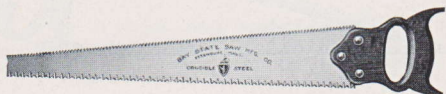
Packed one third dozen in box



No. 65. Simonds Mfg Co., Crucible Steel, Double Edge, Warranted

12	14	16	18	20	22 inches
\$8.50	\$9.00	\$9.50	\$10.50	\$11.50	\$12.50 per dozen

Packed one half dozen in box



No. 75. Bay State Saw Mfg. Co., Crucible Steel, Double Edge

12	14	16	18	20	22 inches
\$6.00	\$6.50	\$7.00	\$7.75	\$8.50	\$9.50 per dozen

Packed one half dozen in box

Simonds Pruning Saws



No. 67. California Pruning, Crucible Steel, Warranted Beech handle, polished edges. Three brass screws. Blade taper ground. Set and filed.

Price, 12 inch - - - - - \$6.50 per dozen
 Price, 14 inch - - - - - \$7.00 per dozen
 Packed one half dozen in box



No. 68. Curved Pruning, 16 gauge, 7 points to the inch
No. 129. Curved Pruning, 20 gauge, 8 points to the inch
 Beech handle. Two nickeled screws. Crucible steel blade. Set and filed.

Price, 12 inch - - - - - \$6.50 per dozen
 Price, 14 inch - - - - - \$7.00 per dozen
 Packed one half dozen in box



No. 69. Tapered Pruning Saw
 Oval steel back. Beech handle with varnished edges. Blued steel blade, 20 inches long.

Price, - - - - - \$12.00 per dozen
 Packed one third dozen in box

Write for Discounts

Simonds Manufacturing Co.'s Butcher Saws

Saws shown on this page can be supplied with Thumb Nut instead of Hexagon Nut for tightening blade, when so specified



No. 250. California Pattern, Beech Handle, Flat Steel Back 1 inch \times $\frac{1}{2}$ inch, round edge. Depth from tooth edge of blade to inside edge of 24 inch frame, 5 $\frac{1}{4}$ inches. Blued blade 1 inch wide.

18	20	22	24	26 inches
\$22.00	\$23.00	\$24.00	\$25.00	\$26.00 per dozen

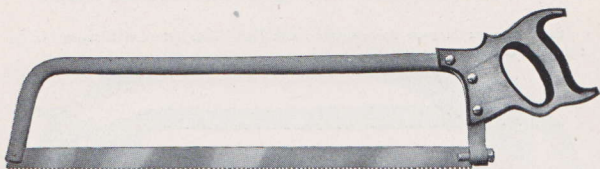


No. 251. California Pattern, Beech Handle, Oval Steel Back $\frac{3}{4}$ inch \times $\frac{3}{8}$ inch. Depth from tooth edge of blade to inside edge of 24 inch frame, 5 $\frac{1}{2}$ inches. Blued blade $\frac{3}{4}$ inch wide.

16	18	20	22	24	26 inches
\$17.00	\$18.00	\$19.00	\$20.00	\$21.00	\$23.00 per dozen

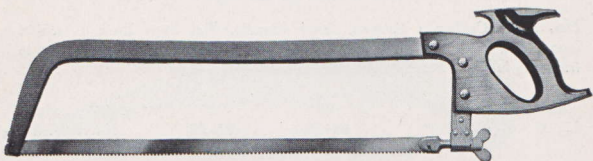
Write for Discounts

Simonds Manufacturing Co.'s Butcher Saws



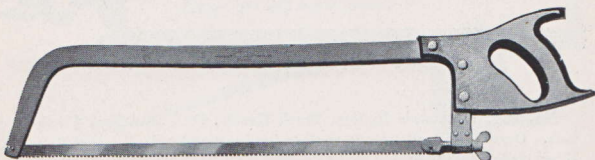
No. 253. Beech Handle, Oval Steel Back $\frac{3}{4}$ inch \times $\frac{3}{8}$ inch. Depth from tooth edge of blade to inside edge of 24 inch frame, $4\frac{3}{4}$ inches. Bright blade 1 inch wide

14	16	18	20	22	24	26	inches
\$15.00	\$16.00	\$17.00	\$18.00	\$19.00	\$20.00	\$21.00	per dozen



No. 254. Beech Handle, Flat Steel Back 1 inch \times $\frac{1}{4}$ inch, round edge. Depth from tooth edge of blade to inside edge of 24 inch frame, $4\frac{3}{4}$ inches. Bright blade $\frac{3}{4}$ inch wide.

16	18	20	22	24	26	28	inches
\$14.00	\$15.00	\$16.00	\$17.00	\$18.00	\$19.00	\$20.00	per dozen

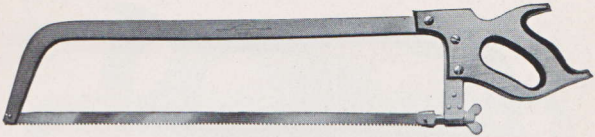


No. 255. Beech Handle, Flat Steel Back 1 inch \times $\frac{1}{4}$ inch, round edge. Depth from tooth edge of blade to inside edge of 24 inch frame, $4\frac{3}{4}$ inches. Bright blade $\frac{5}{8}$ inch wide.

16	18	20	22	24	26	28	inches
\$13.00	\$14.00	\$15.00	\$16.00	\$17.00	\$18.00	\$19.00	per dozen

Packed one third dozen in box

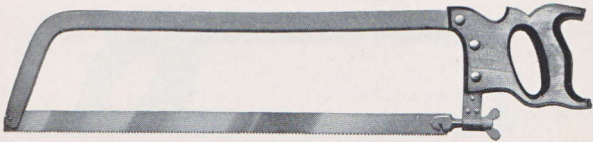
Simonds Manufacturing Co.'s Butcher Saws



No. 261. Beech Handle, Flat Steel Back 1 inch \times $\frac{1}{4}$ inch, round edge. Depth from tooth edge of blade to inside edge of 24 inch frame, $4\frac{3}{4}$ inches. Bright blade $\frac{3}{8}$ inch wide.

16	18	20	22	24	26	28	30 inches
\$13.00	\$14.00	\$15.00	\$16.00	\$17.00	\$18.00	\$19.00	\$20.50 per dozen

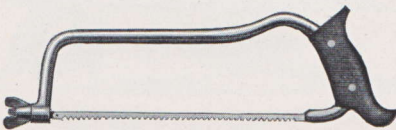
Packed one third dozen in box



No. 256. Beech Handle, Flat Steel Back $\frac{7}{8}$ inch \times $\frac{3}{8}$ inch, round edge. Depth from tooth edge of blade to inside edge of 24 inch frame, $4\frac{1}{4}$ inches. Bright blade 1 inch wide.

12	14	16	18	20	22	24	26	28 inches
\$10.00	\$11.00	\$12.00	\$13.00	\$14.00	\$15.00	\$16.00	\$17.00	\$18.00 per dozen

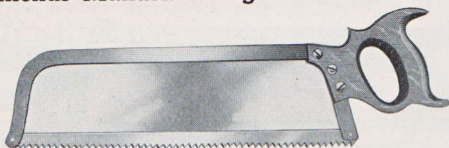
Packed one third dozen in box



No. 268. Dehorning Saw, Japanned Frame, Beech Handle. Blade $9\frac{1}{2}$ inches long.

Price \$7.00 per dozen
Packed one half dozen in box

Simonds Manufacturing Co.'s Kitchen Saws



No. 265. Kitchen Saw, Flat Back $\frac{5}{8}$ inch \times $\frac{3}{16}$ inch. Bright blade $\frac{3}{4}$ inch wide.

12	14	16	18 inches
\$6.50	\$6.80	\$7.25	\$8.00 per dozen

Packed one half dozen in box



No. 257. Arnold Kitchen Saw, Flat Back $\frac{1}{2}$ inch \times $\frac{3}{16}$ inch. Bright blade $\frac{5}{8}$ inch wide.

12	14	16 inches
\$4.50	\$4.50	\$4.75 per dozen

Packed one half dozen in box



No. 264. Kitchen Saw, Oval Back $\frac{1}{2}$ inch \times $\frac{1}{4}$ inch. Bright blade $\frac{5}{8}$ inch wide.

12	14	16 inches
\$3.40	\$3.40	\$3.60 per dozen

Packed one half dozen in box

Simonds Beef Splitting Saws



No. 259. Beef Splitter, Apple Handles, Flat Steel Back, $1\frac{3}{8}$ inch \times $\frac{5}{8}$ inch, round edge. Depth from tooth edge of blade to inside edge of frame $6\frac{5}{8}$ inches. Heavy bright blade 2 inches wide.

34	36 inches
\$54.00	\$60.00 per dozen

The size of a Beef Splitting Saw is obtained by measuring the length of the blade, over all.

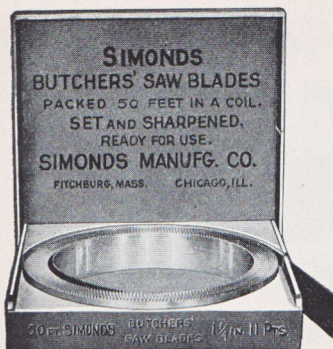
Packed one third dozen in box



No. 260. Beef Splitter, Beech Handle, Flat Steel Back, $1\frac{3}{8}$ inches \times $\frac{1}{2}$ inch, round edge. Depth from tooth edge of blade to inside edge of 24 inch frame, $5\frac{5}{8}$ inches. Heavy bright blade $1\frac{5}{8}$ inches wide.

24	26	28	30	32	34	36 inches
\$23.00	\$24.00	\$25.00	\$26.25	\$27.50	\$29.00	\$30.50 per dozen

Packed one third dozen in box



No. 270. Butcher Saw Blades in Coils

Owing to the disadvantage of carrying several dozen of different lengths of Butcher Saw Blades in stock, we are now furnishing these Blades in coils of 50 feet. You are thus enabled to furnish, at any time, the right length. These Blades are made of the finest quality of steel, tempered, ground and polished, filed and set, with the proper tooth, ready for immediate use.

Width, inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price	\$4.00	\$4.50	\$5.00	\$6.50	\$7.50	\$8.50

Per box of 50 feet

Butcher Saw Blades

Best Crucible Steel. Packed one dozen in box

No. 258. Bright Blades. From $\frac{3}{4}$ to $1\frac{1}{4}$ inches wide

12	14	16	18	20	22	24	26	28 inches
\$3.30	\$3.50	\$3.75	\$4.00	\$4.25	\$4.50	\$4.75	\$5.00	\$5.25 per doz.

No. 258. Bright Blades. From $1\frac{1}{2}$ to 2 inches wide

16	18	20	22	24	26	28 inches
\$4.50	\$4.75	\$5.00	\$5.25	\$5.50	\$5.75	\$6.00 per dozen

No. 258B. Blued Blades, $1\frac{1}{4}$ inches wide and less

12	14	16	18	20	22	24	26	28 inches
\$3.50	\$3.75	\$4.00	\$4.25	\$4.50	\$4.75	\$5.00	\$5.25	\$5.50 per dozen

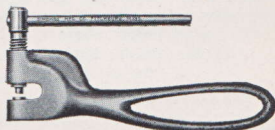
No. 258B. Blued Blades. From $1\frac{1}{2}$ to 2 inches wide

12	14	16	18	20	22	24	26	28 inches
\$4.25	\$4.50	\$4.75	\$5.00	\$5.25	\$5.50	\$5.75	\$6.00	\$6.25 per dozen

No. 272. Butcher Saw Punch

Neat, handy, strong

Price \$9.00 per dozen



Write for Discounts

SIMONDS—"THE SAW MAKERS"

Scrapers



No. 184
WALL SCRAPERS

3 inch Blade \$2.75 per dozen
4 inch Blade 3.25 per dozen

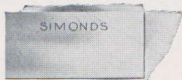


No. 185
BUTCHER BLOCK SCRAPERS

6 inch Blade \$4.00 per dozen

Cabinet Scrapers

Extra Quality

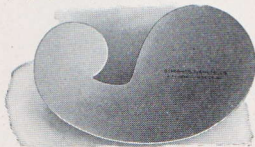


Sizes	Plain Cut Edges		Ground Even Gauge		Sizes	Plain Cut Edges		Ground Even Gauge	
	List	per dozen	Finished Edges	List		List	per dozen	Finished Edges	List
2 X 4	\$0.32		\$0.57		3 X 6	\$0.70		\$1.25	
2 X 5	.38	"	.68	"	3 1/2 X 4	.70	"	1.25	"
2 X 6	.48	"	.86	"	3 1/2 X 5	.85	"	1.50	"
2 1/2 X 4	.50	"	.90	"	3 1/2 X 6	.95	"	1.70	"
2 1/2 X 5	.55	"	1.00	"	4 X 4	.65	"	1.15	"
2 1/2 X 6	.65	"	1.15	"	4 X 5	.85	"	1.50	"
3 X 4	.55	"	1.00	"	4 X 6	1.00	"	1.80	"
3 X 5	.60	"	1.10	"	5 X 6	1.20	"	2.20	"

No. 186B

Straw color scraper blades. Made of Simonds Steel

Size, 5 X 2 1/8 18 gauge
List Price \$2.50 per dozen



No. 187

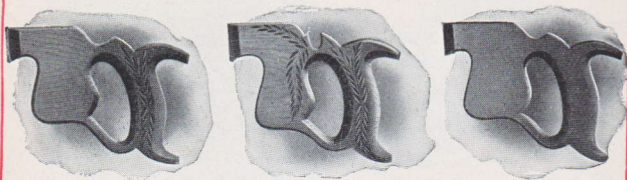
Size, 6 1/8 X 3 1/4 16 gauge
Price \$2.00 per dozen

All of the above packed one dozen in a box

SIMONDS—"THE SAW MAKERS"

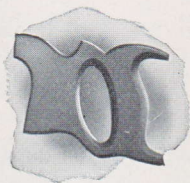
Hand Saw Handles

For styles of handles refer to saws bearing same numbers. Handles furnished slit without holes, and price does not include screws.



Handles for		18-20 In.	22-24 In.	26 Inches	28 Inches
Hand Saw No. 4	Apple carved	\$4.00	\$4.25	\$5.00	\$5.25 per dozen
" " No. 5	" "	5.25	5.50	6.50	6.75 " "
" " No. 7	" "	4.00	4.25	5.00	5.25 " "
" " No. 8	" "	3.00	3.25	4.00	4.25 " "
" " No. 10	Beech	2.50	2.75	3.00	3.25 " "
" " No. 25	Birch carved	3.00	3.25	3.50	3.75 " "
" " No. 42	Beech	2.50	2.75	3.00	3.25 " "
" " No. 49	" varnished edges			1.65	

Butcher Saw Handles



For styles of the above handles refer to the saws bearing same numbers.

Butcher Saw No. 250	Beech, not drilled or slit	\$1.75 per dozen
" " No. 251	" " " " " "	1.75 " "
" " No. 253	" " " " " "	1.50 " "
" " No. 255	" " " " " "	1.50 " "

All of the above packed one dozen in a box

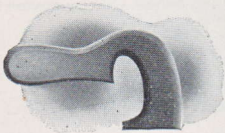
SIMONDS—"THE SAW MAKERS"

**One Man Cross-Cut
Saw Handles**

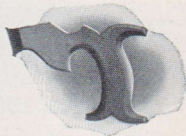


Regular Handles, with holes drilled \$2.75 per dozen
 Supplementary Handles 1.50 "

Compass Saw Handles

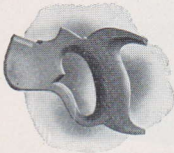


Pruning Saw Handles



Compass Saw No. 88, Beech . . . \$1.10 per dozen
 Compass Saw No. 116, Apple, carved, \$2.25 per dozen
 Saw No. 74, Beech, \$2.00 per dozen
 Saw No. 75, Beech, \$1.75 per dozen

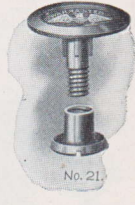
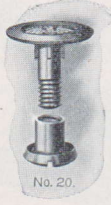
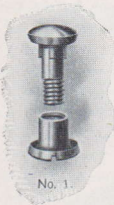
Back Saw Handles



	8-10-12 inches	14-16 inches
Saw No. 98, Beech, slit only	\$1.25	\$1.50 per dozen
Saw No. 96, Apple " "	2.75	3.00 "

All the above packed one dozen in box

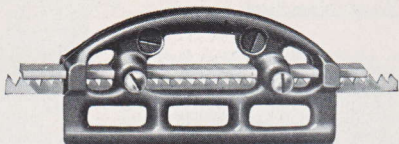
Saw Screws



No. 1. Brass Screw, Small, Plain \$2.50 per gross
 No. 2. " " Large, Plain 2.85 "
 No. 20. " " Small Eagle 4.00 "
 No. 21. " " Large Eagle 4.75 "

Packed half gross in box

No. 339. Hand Saw Jointer

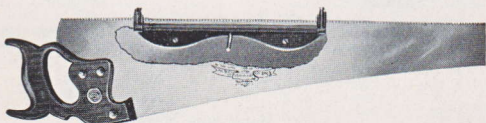


Adjustable to any thickness of saw blade, and may be used with any common file.
Japanned.

List Price, per dozen\$6.00

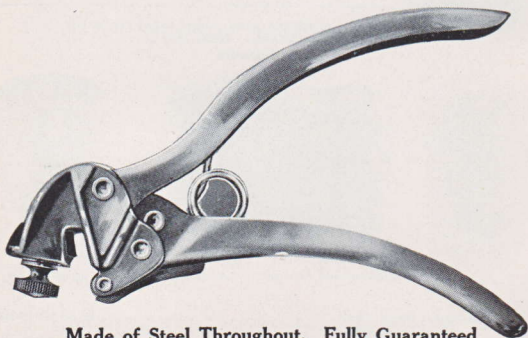
Packed one in a box

No. 198. Hand Saw Clamp



Price\$9.00 per dozen

No. 197. Hand Saw Set



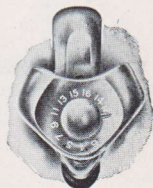
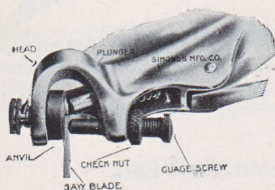
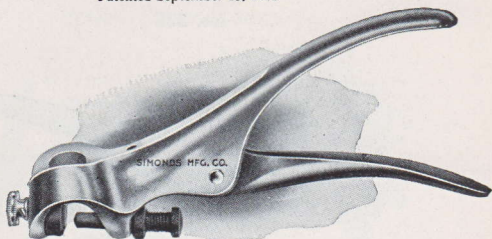
Made of Steel Throughout. Fully Guaranteed

Will not slip, cut, or mar the teeth. Has but one gauge to set. Any setting may be reproduced. Anvil and punch easily replaced.

Price\$10.00 per dozen

Reversed Lever Saw Sets

Patented September 15, 1908



END VIEW
SHOWING

DIAL AND
INDICATOR

Combines the revolving anvil and indicator dial, with other features which give it marked practical advantages

The lever is placed on the lower side of the body of the Saw Set, where it may be easily operated by moving the fingers only, without the motion of the entire hand

There is a check nut on the gauge screw which prevents its becoming loosened while the set is in use.

The anvil revolves and is made in such a way that it has the required length and bevel for saw teeth, ranging from 4 to 16 to the inch, and it is easily adjusted by turning the indicator knob until the pointer is over the number corresponding to the number of teeth per inch in the saw that is to be set.

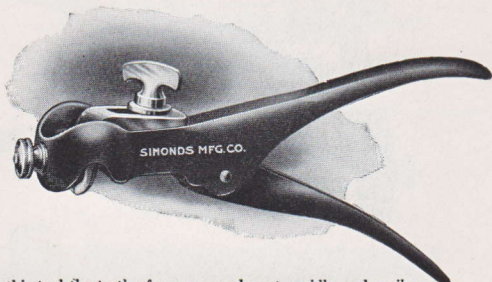
Hardened anvil and plunger. Finely tempered steel spring.

LIST PRICES

- | | | |
|-----------------|--|-------------------|
| No. 331. | Nickel Plated | \$13.00 per dozen |
| No. 332. | Gun Metal Finish, nickeled trimmings | \$14.00 per dozen |
| | Packed one half dozen in box | |

Lever Saw Sets

No. 335



With this tool the teeth of a saw may be set rapidly and easily.

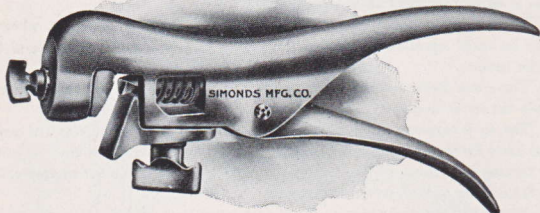
Lever on lower side; anvil and plunger hardened; tempered steel spring.

Nickel Plated \$7.50 per dozen

Packed one half dozen in box

Lever Saw Sets

No. 336



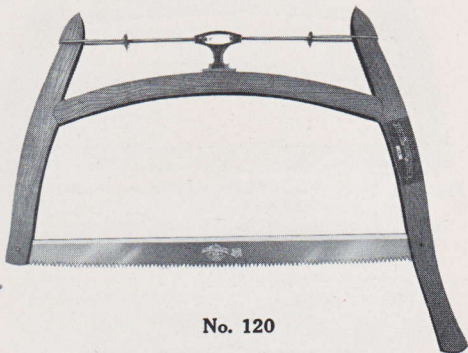
For Cross-Cut and Circular Saws from 14 to 20 gauge

Lever on lower side; anvil and plunger hardened; tempered steel spring.

Polished \$11.00 per dozen

Packed one half dozen in box

Simonds Manufacturing Company's Crescent Wood Saws Complete



No. 120

Strong enough to support a man's weight. Large enough for the big logs. Arched brace with center fastened rod, making positively the strongest rigid high arch frame on the market.

Made of especially selected stock. Natural wood finish, varnished. Patented sliding or rocker joints, making an easily assembled, self-adjusting frame. Special strong rod.

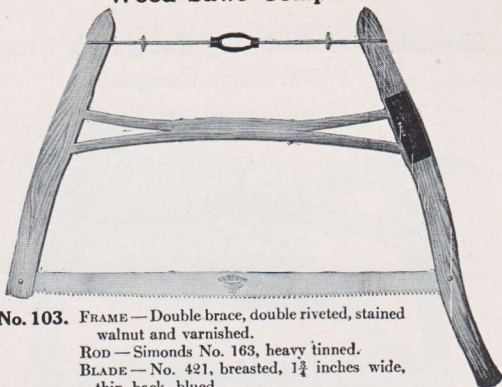
Furnished regularly with blade No. 407, made of Simonds Crucible Steel, extra thin back, blued, $2\frac{1}{2}$ inches wide.

With 30-inch blades\$13.50 per dozen
With 32-inch blades\$14.00 per dozen

Packed one half dozen in box

For list price combination of the above frame and rod with other blades, deduct price of blade No. 407, page 149, and add price of the blade desired.

Wood Saws Complete

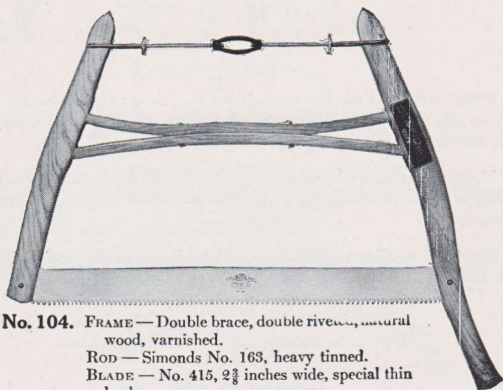


No. 103. FRAME—Double brace, double riveted, stained walnut and varnished.

ROD—Simonds No. 163, heavy tinned.

BLADE—No. 421, breasted, $1\frac{3}{4}$ inches wide, thin back, blued.

With 30 inch blades \$9.50 per dozen
 With 32 inch blades \$10.00 per dozen



No. 104. FRAME—Double brace, double riveted, natural wood, varnished.

ROD—Simonds No. 163, heavy tinned.

BLADE—No. 415, $2\frac{3}{8}$ inches wide, special thin back.

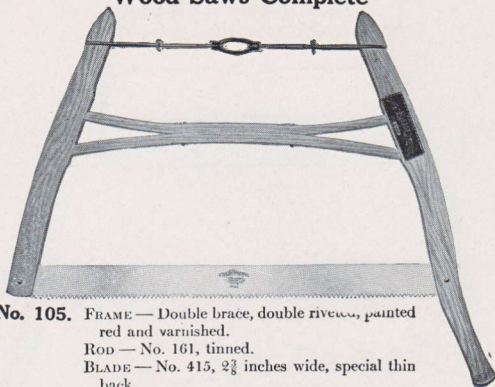
With 30 inch blades \$10.50 per dozen

With 32 inch blades \$11.00 per dozen

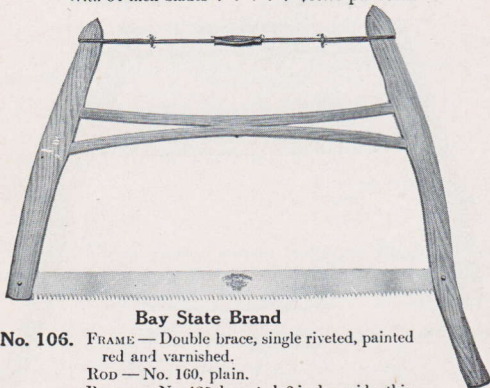
For combinations of above frames with other rods or blades use list prices, pages 147 and 149.

Wood Saws packed one half dozen in box

Wood Saws Complete



- No. 105.** FRAME — Double brace, double riveted, painted red and varnished.
 ROD — No. 161, tinned.
 BLADE — No. 415, 2 $\frac{3}{8}$ inches wide, special thin back.
 With 30 inch blades \$10.25 per dozen
 With 32 inch blades \$10.75 per dozen



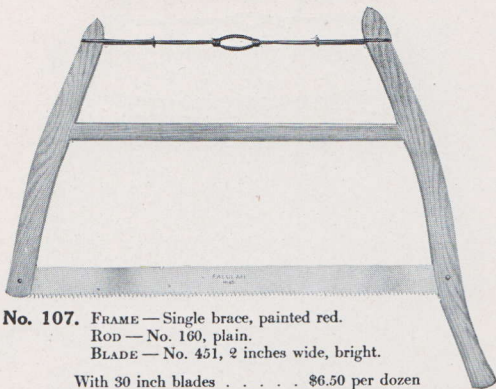
Bay State Brand

- No. 106.** FRAME — Double brace, single riveted, painted red and varnished.
 ROD — No. 160, plain.
 BLADE — No. 435, becasted, 2 inches wide, thin back.
 With 30 inch blades \$7.50 per dozen
 With 32 inch blades \$8.00 per dozen

For combinations of above frames with other rods or blades use list prices, pages 147 and 149.

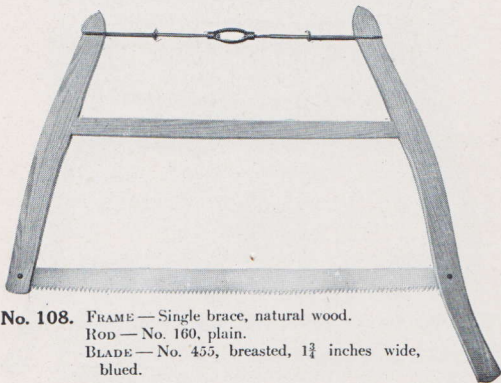
Wood Saws packed one half dozen in box

Wood Saws Complete



No. 107. FRAME — Single brace, painted red.
 ROD — No. 160, plain.
 BLADE — No. 451, 2 inches wide, bright.

With 30 inch blades \$6.50 per dozen
 With 32 inch blades \$7.00 per dozen



No. 108. FRAME — Single brace, natural wood.
 ROD — No. 160, plain.
 BLADE — No. 455, breasted, 1 $\frac{3}{4}$ inches wide,
 blued.

With 30 inch blades \$6.00 per dozen
 With 32 inch blades \$6.50 per dozen

For combinations of above frames with other rods or blades use list prices, pages 147 and 149.

Wood Saws packed one half dozen in box

Rods for Wood Saw Frames



No. 160. SWIVEL LOOP ROD, PLAIN

21 inch	\$0.61 per dozen,	\$7.30 per gross
22 " . . . . .	.61 " "	7.30 " "
24 " . . . . .	.65 " "	7.80 " "

No. 161. SWIVEL LOOP ROD, TINNED

21 inch	\$0.73 per dozen,	\$8.75 per gross.
22 " . . . . .	.73 " "	8.75 " "
24 " . . . . .	.78 " "	9.25 " "



No. 163. SIMONDS EXTRA HEAVY ROD, TINNED

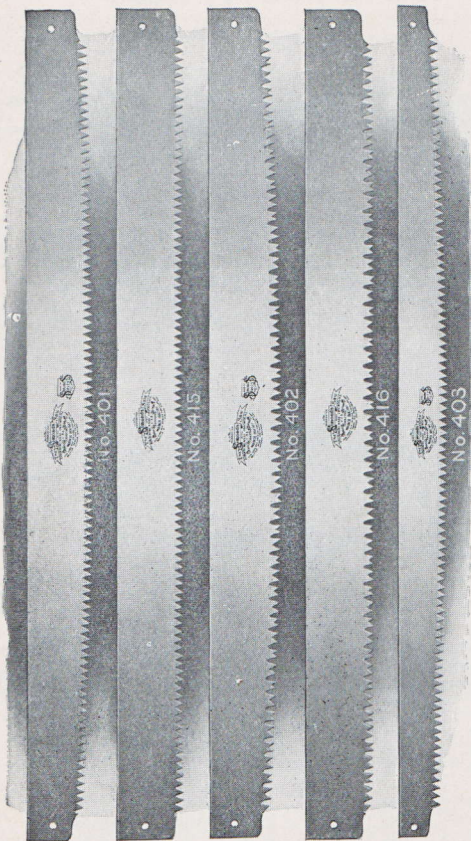
21 inch	\$1.00 per dozen,	\$12.00 per gross
22 "	1.00 " "	12.00 " "
24 "	1.05 " "	12.50 " "

Simonds Wood Saw Frames (without Blades or Rods)

For styles and descriptions of frames see Framed Wood Saws on preceding pages.

No.	Packed 1/2 Dozen in Box		Packed 1/2 Gross in Crate
	per dozen	per gross	per gross
0120	\$3.34	\$40.00	\$36.50
" 0103	2.92	35.00	31.25
" 0104	2.92	35.00	31.25
" 0105	2.92	35.00	31.25
" 0106	2.63	31.50	27.75
" 0107	2.46	29.50	25.75
" 0108	2.00	24.00	20.25

Simonds Wood Saw Blades



The above illustrates some of the styles and shapes of blades and teeth
No. 401 Wide, Breasted, Plain Tooth
No. 415 Wide, Straight, Plain Tooth
No. 402 Wide, Breasted, Champion Tooth
No. 416 Wide, Straight, Champion Tooth
No. 403 Narrow, Breasted, Plain Tooth

SIMONDS—"THE SAW MAKERS"

Simonds Wood Saw Blades

Etched Simonds Manufacturing Co. Made of Simonds Steel

Extra Thin Back Special Finish

No.	Tooth		Width		Finish	List 30 Inches	List 32 Inches
401	Plain	Breasted	2½	5 ga. taper	Straw	\$10.00 per doz.	\$10.50 per doz.
402	Champ.	"	2½	5 " "	"	10.50 "	11.00 "
403	Plain	"	1¾	4 " "	"	9.00 "	9.50 "
404	Champ.	"	1¾	4 " "	"	9.50 "	10.00 "
407	Plain	"	2½	4 " "	Blue	9.00 "	9.50 "
408	Champ.	"	2½	4 " "	"	9.50 "	10.00 "

Etched Simonds Manufacturing Co. Special Thin Back

No.	Tooth		Width		Finish	List 30 Inches	List 32 Inches
411	Plain	Straight	2½	4 ga. taper	Bright	\$8.00 per doz.	\$8.50 per doz.
413	"	Breasted	2½	4 " "	"	8.50 "	9.00 "
416	Champ.	Straight	2	3 " "	"	7.00 "	7.50 "
418	"	Breasted	2	3 " "	"	7.50 "	8.00 "
415	Plain	Straight	2	3 " "	"	6.50 "	7.00 "
417	"	Breasted	2	3 " "	"	6.50 "	7.00 "
421	"	"	1¾	3 " "	Blue	5.50 "	6.00 "

Etched Bay State Saw Manufacturing Co. Thin Back

No.	Tooth		Width		Finish	List 30 Inches	List 32 Inches
432	Champ.	Breasted	2½	2 ga. taper	Bright	\$4.75 per doz.	\$5.25 per doz.
434	"	Straight	2½	2 " "	"	4.75 "	5.25 "
431	Plain	Breasted	2½	2 " "	"	4.50 "	5.00 "
433	"	Straight	2½	2 " "	"	4.50 "	5.00 "
436	Champ.	Breasted	2	2 " "	Blue	4.50 "	5.00 "
435	Plain	"	2	2 " "	Bright	4.25 "	4.75 "
439	"	"	1¾	2 " "	Blue	4.25 "	4.75 "

Crucible Steel. Flat Ground

No.	Tooth		Width	Finish	List 30 Inches	List 32 Inches
451	Plain	Straight	2	Bright	\$3.25 per doz.	\$3.75 per doz.
452	Champ.	"	2	"	3.75 "	4.25 "
453	Plain	Breasted	2	"	3.50 "	4.00 "
455	"	"	1½	Blue	3.25 "	3.75 "
457	"	Straight	1½	"	2.75 "	3.25 "

Sections of Files

Cross-Sectional Views of Standard Files



8" MILL



8" FLAT



8" PILLAR



8" WARDING



8" HALF ROUND



8" GREAT AMERICAN



8" PIT SAW



8" CABINET



8" KNIFE



8" REGULAR TAPER



8" SLIM TAPER



8" CANT.



8" SQUARE



8" ROUND

SIMONDS—"THE SAW MAKERS"

Illustrations Showing the Different "Cuts" of Files in General Use

Files longer or shorter than 12 inches are made proportionately
coarser or finer than cuts below

Double Cut

Used in Machine Shops



ROUGH



BASTARD



SECOND CUT



SMOOTH



DEAD SMOOTH

Single Cut



MILL BASTARD



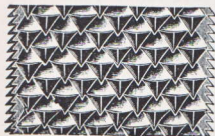
SECOND CUT



SMOOTH

Rasp Cut

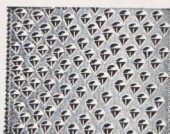
Used by Blacksmiths and Wood Workers



HORSE



BASTARD



SMOOTH

Price List of Files and Rasps

SIMONDS FILE COMPANY

FITCHBURG, MASS.

As Adopted by the File Manufacturers' Association of the United States, Nov. 1, 1899 Price Per Dozen

Inch	MILL AND ROUND		FLAT		Inch	SQUARE		HAND AND PILLAR		Inch	HLF. RD. & THREE SQ.		WARDING			
	Bastard	2d Cut	Smooth	Bastard		2d Cut	Smooth	Bastard	2d Cut		Smooth	Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth
4	3.00	3.50	3.90	3.70	4	3.80	4.60	4.90	3.70	4.30	4.80	4	4.80	4.00	4.80	
5	3.20	3.80	4.10	3.90	5	4.10	4.80	5.20	3.90	4.70	5.30	5	5.40	4.50	5.30	
6	3.50	4.00	4.50	4.30	6	4.50	5.10	5.50	4.30	5.10	5.60	6	6.10	4.90	5.90	
7	3.90	4.60	4.90	4.80	7	5.10	5.80	6.30	4.90	5.80	6.30	7	7.00	5.90	6.40	
8	4.30	4.90	5.40	5.30	8	5.50	6.30	7.00	5.40	6.30	6.70	8	7.50	6.40	7.50	
9	4.90	5.80	6.30	6.30	9	6.00	7.00	8.10	6.00	7.00	7.80	9	8.50	7.50	8.20	
10	5.60	6.40	7.00	7.00	10	7.40	8.50	9.30	7.50	8.70	9.40	10	9.50	8.70	9.00	
11	6.70	7.80	8.50	8.10	11	9.10	10.40	11.30	9.40	10.90	11.80	11	10.70	10.10	11.00	
12	7.50	8.60	9.40	9.70	12	10.20	11.50	12.80	10.70	12.30	13.50	12	11.80	11.80	12.70	
13	9.40	10.70	11.70	11.80	13	12.70	14.30	15.40	13.30	15.20	16.20	13	14.10	15.40	16.60	
14	10.70	12.20	13.10	13.30	14	13.90	16.10	17.50	15.00	17.00	18.20	14	15.50	17.00	18.30	
15	13.10	15.00	16.10	16.00	15	16.90	19.20	20.90	17.90	20.60	21.70	15	18.50	20.40	21.70	
16	14.70	16.80	17.90	17.80	16	18.70	21.20	23.30	20.10	22.80	24.20	16	20.60	22.50	24.20	
17	18.20	20.20	21.70	21.50	17	22.50	25.40	27.50	24.20	27.10	28.60	17	27.50	29.90	32.00	
18	20.20	22.70	24.30	24.00	18	25.10	28.20	30.40	26.80	29.90	31.50	18	32.80	35.90	38.10	
19	24.60	27.80	29.40	29.40	19	29.70	33.20	35.70	31.90	35.40	37.60	19	32.80	35.90	38.10	
20	27.40	30.70	32.30	31.50	20	32.80	36.70	39.30	35.10	39.20	41.60	20	36.20	39.40	42.30	
Mill Blunt, Dbl. Cut, adv. 2 in.			Cant. (Blunt) Dbl. Cut adv. 2 in.				Square Blunt, advance 1 in.								Stavesaw Improved	
Mill Dbl. Cut			adv. 1 in.				Slotting (Blt.) adv. 2 in.								6-inch . . . \$6.40	
Mill Narrow Point			adv. 1 in.				Cotter Blunt or Taper advance 2 in.								7 " . . . 7.40	
															8 " . . . 8.70	
															9 " . . . 10.70	
															10 " . . . 11.70	
															12 " . . . 15.40	

SIMONDS—"THE SAW MAKERS"

Inch	MILL ROUND EDGE		MILL ROUND EDGES		Inch	TAPER		SLIM TAPER		BAND SAW BLUNT & TAPER		Inch	PIT SAW Single Cut	CANT SAW Single Cut	CROSS CUT Single Cut	HOOK TOOTH Single Cut	PLANKER KNIFE Single Cut	Inserted Tooth or Chisel tooth
	Bastard	2d Cut	Smooth	2d Cut		Smooth	Single Cut	Double Cut	Single Cut	Double Cut	Regula.								Slim
4	3.40	3.90	4.40	3.80	4.40	2.10	2.50	2.10	2.50	2.50	2.50	4	4.80	4.20	4.80	.....	.....	.....
5	3.60	4.30	4.60	4.00	5.10	2.10	2.50	2.10	2.50	2.50	2.50	5	5.40	4.70	5.40	.....	.....	.....
6	3.90	4.50	5.10	4.40	5.60	2.20	2.90	2.20	2.90	2.90	2.90	6	6.10	5.40	6.10	6.70	7.70	.....
7	4.40	5.20	5.50	4.90	6.10	2.40	3.10	2.40	3.10	3.10	3.10	7	7.00	6.10	7.00	7.50	8.30	.....
8	4.80	5.60	6.10	5.40	6.80	2.60	3.50	2.60	3.50	3.50	3.50	8	7.50	6.40	7.50	8.50	9.40	8.30
9	5.60	6.50	7.10	6.30	7.30	2.80	4.00	2.80	4.00	4.00	4.00	9	8.50	7.40	8.50	9.10	10.10	10.10
10	6.30	7.20	7.90	7.00	8.00	3.40	4.70	3.40	4.70	4.70	4.70	10	10.70	8.70	10.70	11.80	11.80	.....
11	7.50	8.80	9.60	8.40	9.80	4.30	5.60	4.30	5.60	5.60	5.60	11	11.80	11.40	11.80	13.00	13.00	.....
12	8.40	9.70	10.60	9.40	10.80	5.40	6.70	5.40	6.70	6.70	6.70	12	.....	.....	.....	.....	.....	.....
13	10.60	12.00	13.20	11.80	14.60	6.60	8.10	6.60	8.10	8.10	8.10	.....	.....	.....	.....	.....	.....	.....
14	12.00	13.70	14.70	13.40	15.30	8.10	9.70	8.10	9.70	9.70	9.70	.....	.....	.....	.....	.....	.....	.....
15	14.70	16.90	18.10	16.40	18.80	10.70	12.10	10.70	12.10	12.10	12.10	.....	.....	.....	.....	.....	.....	.....
16	16.50	18.70	20.10	18.40	21.00	12.50	14.70	12.50	14.70	14.70	14.70	.....	.....	.....	.....	.....	.....	.....
17	20.50	22.70	24.10	22.80	25.30	15.90	17.50	15.90	17.50	17.50	17.50	.....	.....	.....	.....	.....	.....	.....
18	22.70	25.50	27.30	25.30	28.40	18.20	20.60	18.20	20.60	20.60	20.60	.....	.....	.....	.....	.....	.....	.....

Climax, adv. 2 in. on Hfr. Rd. Bastard.
Round Gulletting, take Fitsaw price.
DOUBLE-ENDED TAPER 6 3.50 7 3.50 8 3.90 9 4.40 10 4.90

Inch	HORSE RASPS		FILE RASPS		Inch	WOOD FILES		WOOD RASPS		Inch	SHOE RASPS		KNIFE			
	Plain	Beveled & Rasp	Flat	Hfr. Rnd.		Flat	Hfr. Rnd.	Cabinet	Flat		Hfr. Rnd.	Oval	Bastard	2d Cut	Smooth	
6	.....	.....	7.40	8.10	6	4.30	6.10	8.10	7.40	8.10	8.10	8.10	4	5.40	6.10	6.40
7	.....	.....	8.60	9.30	7	4.80	7.00	9.30	8.60	9.30	9.30	9.30	5	6.10	6.70	7.10
8	.....	.....	9.40	10.10	8	5.30	7.50	10.10	9.40	10.10	10.10	10.10	6	6.90	7.50	7.90
9	.....	.....	11.40	12.20	9	6.30	8.50	12.20	11.40	12.20	12.20	12.20	7	7.80	8.50	8.90
10	9.40	10.70	12.80	13.70	10	7.00	9.10	13.70	12.80	13.70	13.70	13.70	8	8.50	9.10	9.50
11	11.40	12.90	15.20	16.80	11	8.60	10.70	16.80	15.50	16.80	16.80	16.80	9	9.40	10.00	10.40
12	12.80	14.40	16.80	17.50	12	9.70	11.80	18.70	17.50	18.70	18.70	18.70	10	10.20	10.80	11.20
13	15.20	17.00	19.60	20.90	13	11.80	14.10	22.40	20.90	22.40	22.40	22.40	11	11.20	11.80	12.20
14	17.80	20.10	23.10	24.80	14	13.30	15.50	24.80	23.20	24.80	24.80	24.80	12	12.20	12.80	13.20
15	20.90	23.60	27.30	27.80	15	16.00	18.50	29.70	27.80	29.70	29.70	29.70	13	13.70	14.30	14.60
16	24.40	27.50	32.20	30.80	16	17.50	20.60	32.90	30.80	32.90	32.90	32.90	14	14.70	15.20	15.60
17	28.90	31.50	.....	36.20	17	21.50	24.70	36.20	36.30	36.30	36.30	36.30	15	15.70	16.20	16.60
18	32.90	36.20	40.90	43.60	18	23.90	27.50	43.60	40.90	43.60	43.60	43.60	16	16.30	17.00	17.20

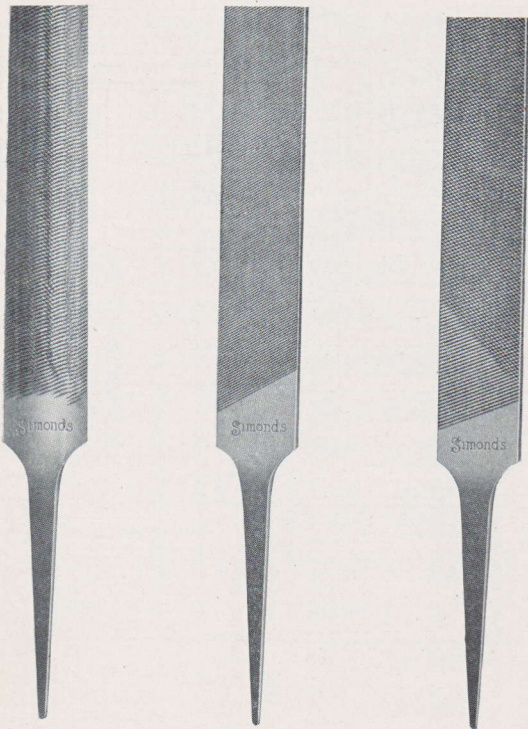
Sizes below 4 inches, not extended, take 4-inch price.
Hfr Inches not specified, take next higher full inch price.
Head Smooth, double the price of Bastard Cut.
One Round Edge, advance 1 1/2 per cent.
All lengths above those listed, advance 20 per cent. on next lower inch price.
Cuts not specified, made upon regular blanks, advance one inch on respective kinds and nearest cut.

Blunt Files not specified, advance one inch on respective kinds and cuts.
Single or Flat Cut not specified, on regular shapes take Double Cut price.
Equalings (Be-illed), advance two inches on respective kinds and cuts.
Two Round Edges, advance 25 per cent.
Files varying from standard sizes, subject to special price.
Files ranging from standard sizes and nearest cut.

SIMONDS—"THE SAW MAKERS"

**There is a SIMONDS FILE for every
Shop or Mill use**

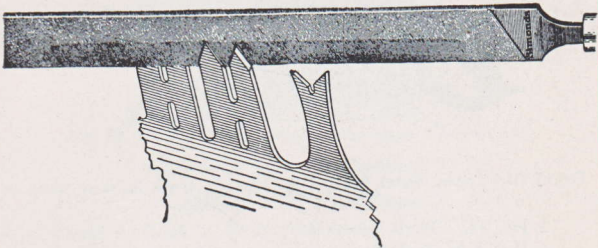
Winner of Gold Medals at two most recent great expositions — Seattle,
1909; San Francisco, 1915



Above illustrations are sections of full size Half-Round, Mill Bastard, and Flat Bastard Files.

Write us about quantity discounts and special terms on any size, style, or kind of file.
File Simonds Saws with Simonds Files.

Why it Pays to Use SIMONDS Special CROSS-CUT FILES



The Simonds Special Cross-Cut File will give 16 per cent more wear on Cross-Cut Saw work than can be obtained in using the regular taper file.

In using a common Mill File (the shape of which is tapered at the point) for filing cross-cuts, the tapered portion of the file is not wide enough to use both halves of one side without the saw teeth crossing the center line of the file. Consequently, at the point of the teeth there is a certain portion of the file that is required to do double duty. Now, by using the Simonds Special Cross-Cut File, because it is uniform in width, the same amount of perfect work is secured from each half of each side, an amount that will average at least 16 per cent more work than can be secured with a regular shaped Mill File.

That's why it pays to use the Simonds File.

16 per cent is a conservative estimate.

The shadow on the file in the illustration shows the file teeth that do the work. This line does not extend beyond the middle of the file. Turn the file over, use the other half, and you nearly double its value.

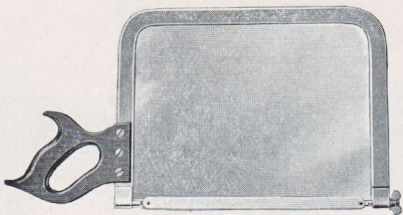
Clearly, you get two full sets of cutting teeth on the Simonds Special Cross-Cut File.

This File is sold by Hardware and Supply Dealers everywhere.

List Prices	{	6 inch	\$3.90 per dozen
		7 "	4.30 " "
		8 "	4.90 " "
		10 "	6.70 " "

Write for Discounts

Rail Hack Saw Frames



Forged Steel Frame, Nickel Plated, Drop Handle. Depth inside of frame to cutting edge of blades, 10¼ inches

No. 21. For 12 inch blades \$23.00 per dozen

No. 21 A. For 14 inch blades \$24.00 per dozen

* **No. 21 B.** For 16 inch blades \$28.00 per dozen

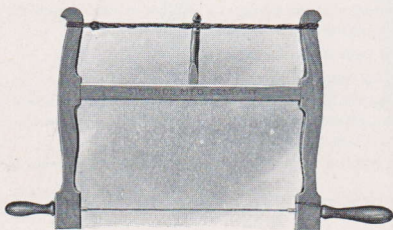
* **No. 21 C.** For 18 inch blades \$33.00 per dozen

* Numbers 21B and 21C are made with a handle on each end of the frame.

Packed one in box

Web Saws and Frames

No. 188

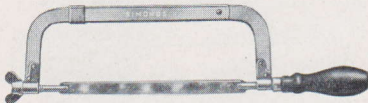


10, 12, 14, 16, 18, 20 inches \$7.50 per dozen

22, 24, 26, 28, 30 inches \$9.00 per dozen

Packed one quarter dozen in box

Hack Saw Frames



No. 37. Nickel Plated. Adjustable for blades 8 to 12 inches

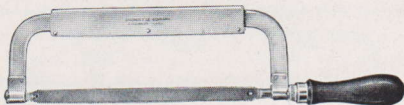
Blades can be faced in four directions

List Price, \$10.00 per dozen

Packed one in a box



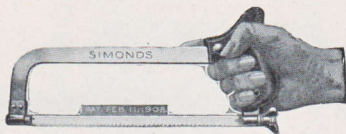
No. 20. Nickel Plated. Blade can be faced in four directions
8 inch Frames. List price \$10.00 per dozen
without blades. Packed one in a box



No. 40. Nickel Plated. Adjustable Extra Heavy Back. List price
\$15.00 per dozen, without blades
Packed one in a box

Write for Discounts

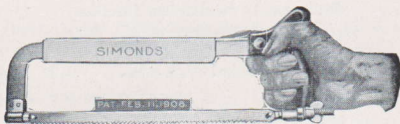
Simonds Straight Cut or "Pistol Grip" Hack Saw Frames



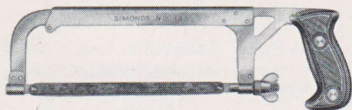
No. 39. 8 inch Frames. List price \$18.00 per dozen.

No. 39A. 12 inch Frames. List price \$19.20 per dozen.

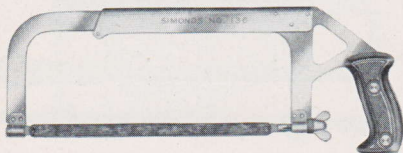
Nickel Plated. Blades can be faced in four directions. Packed one in a box.



No. 41. Nickel Plated. Heavy Back. Blades can be faced in four directions. Adjustable for blades 8 inches to 12 inches. List price \$21.00 per dozen. Packed one in a box.



No. 135. Nickel Plated. Adjustable for blades 8 inches to 12 inches long. $2\frac{1}{2}$ inches from back of blade to inside of frame. List price \$22.00 per dozen. Packed one in a box.



No. 136. Nickel Plated. Adjustable for blades from 8 inches to 12 inches long. Extra heavy back. 4 inches from back of blade to inside of frame. List price \$24.00 per dozen. Packed one in a box.

The arrangement of the handle on frames Nos. 135 and 136 protects the hand of the operator from accident or injury caused by being jammed against the work in case of a blade breaking. (Use Simonds HARD EDGE Hack Saw Blades; they are practically unbreakable.)

Simonds Screw Slotting Blades

For Cutting Slots in Screw Heads



A Screw Slotter Blade in a Simonds Adjustable Hack Saw Frame. Note completed slots on different size screw heads.



The sections of the Simonds Screw Slotter Blade shown here illustrate the shape and size of the teeth and the shape of the blade—thick at the tooth edge and concave, making it much thinner at the back. This good clearance prevents binding and makes the blade cut easily.



FOR MACHINE SHOPS. It's a remarkably handy tool. Cutting wide slots in screw heads is only one of many uses to which the Simonds Screw Slotting Blade may be put. Covers a wide range of odd job work. A necessity in every shop. Used like a hack saw blade, and will fit any frame that takes an 8-inch blade. For hand use only. Four 8-inch long blades of same width but different thicknesses to a set. Milled teeth, 14 and 24 to the inch. Unless specified, blades with 14 teeth will be sent.

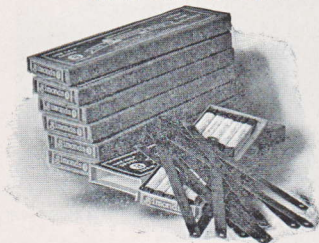
LIST PRICES

SIZE		8 INCH		Shipping Weight Per Doz.	
Width	Thickness	Gross	Dozen		
inch	.109 x .080	\$24.00	\$2.00	17 oz.	Per set \$0.60 Doz. set 7.00 Gross set 84.00
inch	.083 x .065	22.00	1.83	14 oz.	
inch	.065 x .052	20.00	1.67	11 oz.	
inch	.049 x .039	18.00	1.50	9 oz.	

Sample set, four different sizes 8-inch blades, 75 cents postpaid

Simonds Hack Saw Blades

Prices apply to both ALL HARD and HARD EDGE Blades either Hand or Power



Simonds blades, because they cut with less resistance, remove no more metal than necessary, and outwear other makes, are the most economical Hack Saw Blades on the market.

The steel used in the Simonds Hack Saw is made and toughened by a Simonds process especially for hard cutting service. It is the basis on which this exceptionally high grade blade is built.

Price List

Simonds Hand Hack Saw Blades

Length	Width	Gauge	Teeth per Inch				Per Gross	No. in Box
			Regular	Medium	Fine	Extra Fine		
8 inches	$\frac{1}{2}$ inch	23 = .025	14	18	24	32	8.00	$\frac{1}{2}$ gross
9 "	$\frac{1}{2}$ "	23 = .025	14	18	24	32	9.00	$\frac{1}{2}$ "
10 "	$\frac{1}{2}$ "	23 = .025	14	18	24	32	10.00	$\frac{1}{2}$ "
11 "	$\frac{1}{2}$ "	23 = .025	14	18	24	32	11.00	$\frac{1}{2}$ "
12 "	$\frac{1}{2}$ "	23 = .025	14	18	24	32	12.00	$\frac{1}{2}$ "
14 "	$\frac{1}{2}$ or $\frac{5}{16}$	23 = .025	14	18	24	32	14.80	$\frac{1}{2}$ "
16 "	$\frac{1}{2}$ " $\frac{5}{16}$	23 = .025	14	18	24	32	17.00	$\frac{1}{2}$ "

Odd sizes, not listed, take price of next longer or wider size of same gauge.

Regular—for cutting soft steel, iron solids, and rails.

Medium—for cutting tool steel, iron pipe, hard metals, and light angle iron.

Fine—for cutting brass, copper, drill rod, medium tubing, and sheet metals.

Extra Fine—for cutting thin tubing and thin sheet metals.

Unless specified, "Regular" blades will be sent

Write for Discounts

SIMONDS—"THE SAW MAKERS"

**Price List
Simonds Power Machine Hack Saw Blades**

Length	Width	Gauge	Teeth per Inch			Per Gross	No in Box
			Regular	Medium	Fine		
10 inches	1 inch	21 = .032	12 or 14	18	24	\$12.00	gross
10 "	"	21 = .032	12 " 14	18	24	13.50	"
12 "	"	21 = .032	12 " 14	18	24	14.40	"
12 "	"	21 = .032	12 " 14	18	24	16.20	"
14 "	"	21 = .032	12 " 14	18	24	16.80	"
14 "	"	21 = .032	12 " 14	18	24	18.90	"
17 "	"	21 = .032	12 " 14	18	24	22.95	"

Regular—for cutting solids in iron or steel, and for general shop saw work.

Medium—for cutting brass, castings, iron pipe, heavy tubing, etc.

Fine—where fine tooth is deemed necessary.

We recommend (and unless otherwise specified, furnish on orders) power blades with 12 teeth, rather than 14 teeth, as they will cut faster and last longer

Heavy Power Machine Blades

Length	Width	Gauge	Teeth per Inch			Per Gross	No in Box
			Regular	Medium	Fine		
10 inches	1 inch	18 = .049	12	..	..	\$19.50	gross
10 1/4 "	"	18 = .049	9	..	..	21.45	"
12 "	"	18 = .049	9 or 12*	14	18	23.40	"
12 "	1 "	18 = .049	4, 6, 9*, or 12	..	..	29.40	"
14 "	"	18 = .049	9 or 12*	14	18	27.30	"
14 "	1 "	18 = .049	4, 6, 9*, or 12	14	18	34.30	"
14 "	1 1/4 "	18 = .049	4, 6, 9*, or 12	..	..	44.10	"
14 "	1 "	16 = .065	4, 6, or 9*	..	..	44.10	"
17 "	"	18 = .049	9 or 12*	..	..	33.15	"
17 "	1 "	18 = .049	4, 6, 9, or 12*	14	..	41.65	"
17 "	1 1/4 "	18 = .049	4, 6, 9*, or 12	..	..	53.55	"
17 "	1 "	16 = .065	4, 6, or 9*	..	..	53.55	"
18 "	1 "	18 = .049	4, 6, 9, or 12*	..	..	44.10	1 1/2 "
18 "	1 "	16 = .065	4, 6, or 9*	..	..	56.70	1 1/2 "
20 "	1 "	18 = .049	4, 6, 9, or 12*	..	..	49.00	1 1/2 "
20 "	1 "	16 = .065	4, 6, or 9*	..	..	63.00	1 1/2 "
24 "	1 "	18 = .049	4, 6, 9*, or 12	..	..	58.80	1 1/2 "
24 "	1 "	16 = .065	4, 6, or 9*	..	..	75.60	1 1/2 "
24 "	1 1/4 "	16 = .065	4, 6, or 9*	..	..	120.00	1 1/2 "
30 "	1 1/2 "	16 = .065	4, 6, or 9*	..	..	150.00	1 1/2 "

*This number of teeth furnished unless the optional number is specified.

14-inch and 17-inch power blades measure 13 1/2 inches and 16 1/2 inches between centres of holes respectively. All other power blades measure from centre to centre of holes.

Odd sizes, not listed, take price of next longer or wider size of same gauge

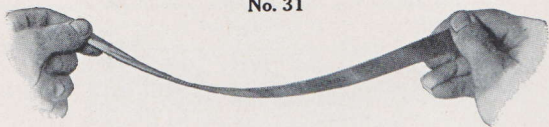
Unless specified, "Regular" blades will be sent

Write for Discounts

SIMONDS—"THE SAW MAKERS"

The "Culley" Flexible Hack Saw Blades

No. 31



For plumbers, electricians, bicycle manufacturers and repairers, etc. Used principally for cutting brass, tubing, stringy metals. *Not intended for use on Cast Steel, or such hard metals.* They will not break or shell teeth. *For hand use only.*

MADE IN THE FOLLOWING SIZES

Length	Per Dozen	Per Gross
8 inch	\$0.70	\$8.00
9 "	.75	9.00
10 "	.85	10.00
12 "	1.00	12.00

NOTE.—Regular blades have 16 teeth per inch. Fine blades (for tubing) have 24 teeth per inch. For very thin tubing or very thin sheet metal use blades with 30 teeth per inch. Care should be taken to select blades with the proper number of teeth for the material to be cut.

SIMONDS HARD EDGE HACK SAW

14 18 24 32

SIMONDS
NON-BREAKING
HARD EDGE
HACK SAWS

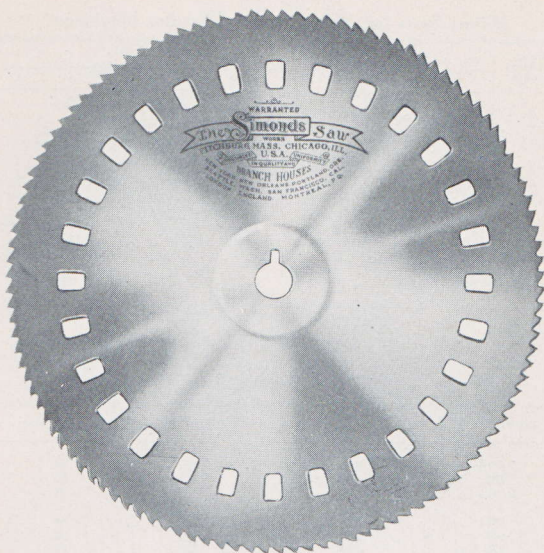
FOR MACHINISTS
AND PLUMBERS

For general use we recommend Hard Edge Blades—18 teeth to the inch. Practically unbreakable. Shelling of teeth reduced to a minimum.

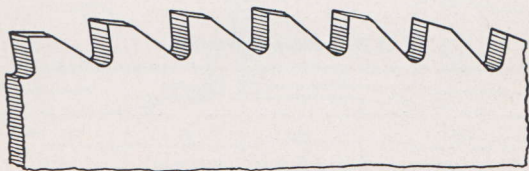
Select the Best Blade for the kind of material you want to cut!

Retail Dealers selling our Non-breaking Hard Edge Hack Saw Blades should display one of these sales-making cards. There are on each card sample blades with 14, 18, 24, and 32 teeth per inch, and a note by each style blade explains the cutting for which it is best adapted. This is the most practical store card ever offered by a Hack Saw Manufacturer. Size, 9 inches wide, 11 inches high. One sent free to any Dealer selling Simonds Hack Saws. Address, Advertising Dept., Simonds Manufacturing Company, Fitchburg, Mass.

SIMONDS—"THE SAW MAKERS"



**Simonds Metal Cutting Circular Saws
For Higley Machines**



TOOTH STYLE. FIG. 1.

Great care is used to grind saws to exact micrometer measurements for clearance, and to properly form all teeth, slots, pin holes, and arbor holes.

SIMONDS—"THE SAW MAKERS"

Milling Saws for Higley and Lea-Simplex Machines

Higley Machine Number	Dia. Inches	Standard Thickness	NUMBER AND PITCH OF TEETH						
			$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
10	12 $\frac{1}{2}$	$\frac{5}{32}$ $\frac{1}{8}$	210	156	112	84	70		
11	13 $\frac{1}{2}$	$\frac{1}{8}$ $\frac{5}{32}$							
11 $\frac{1}{2}$	14	$\frac{6}{32}$							
12	15	$\frac{5}{32}$ $\frac{3}{16}$			124	94	74		
14	18	$\frac{1}{8}$ $\frac{7}{32}$ $\frac{1}{4}$			150	112	90	76	64
15*-16	20	$\frac{1}{8}$ $\frac{7}{32}$ $\frac{1}{4}$			168	124	100	84	72
17	21	$\frac{1}{8}$ $\frac{7}{32}$ $\frac{1}{4}$					106	88	76
19	26	$\frac{1}{8}$ $\frac{7}{32}$ $\frac{1}{4}$			218	162	130	108	94
18-20-21	31	$\frac{1}{8}$ $\frac{7}{32}$ $\frac{1}{4}$				194	156	130	110
20 $\frac{1}{2}$ -21 $\frac{1}{2}$	36	$\frac{9}{32}$					180	150	130

* No. 15 has Eight Pinholes and no Keyway.

Q & C Bryant Saws

Machine Number	Diameter Saw, Inches	Standard Thicknesses	Number Teeth
5 5A	16	$\frac{9}{64}$ $\frac{3}{16}$	31
1M	18	$\frac{7}{32}$	44
6 6A	20 $\frac{1}{2}$	$\frac{1}{4}$	38
2B	23 $\frac{1}{2}$	$\frac{1}{4}$	44
3B	28	$\frac{1}{4}$ $\frac{17}{64}$	52
4B	31 $\frac{1}{2}$	$\frac{1}{4}$ $\frac{17}{64}$	58

Bryant saws can be furnished with teeth set at same price as saws concave ground for clearance.

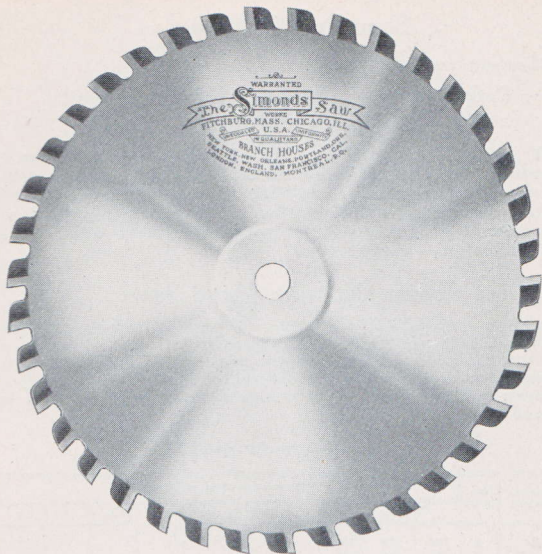
Bryant saws with teeth worn small can be repaired by gumming, or recutting with a different number of teeth, as blade may require.

Q & C Arbor Driven Saws

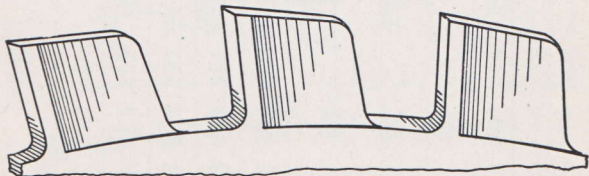
Machine Number	Diameter Saw Inches	Standard Thicknesses	Number Teeth
SSS	10 $\frac{1}{4}$	$\frac{3}{32}$	135 168
1A and Universal	21	$\frac{1}{4}$	88
2A and Universal	27	$\frac{1}{4}$	114
3A and Universal	33	$\frac{1}{4}$	138

For prices on these saws, see pages 166, 167, and 168

SIMONDS—"THE SAW MAKERS"



**Simonds Metal Cutting Circular Saws
For Q & C Bryant Machines**



TOOTH STYLE. FIG. 2 (Q & C Bryant)

The backs of the teeth of the above saws are ground for clearance and to fit the cogs which engage them. These saws are taper ground, but at the centre are strengthened by being practically the same thickness as at the rim.

Simonds Metal Saws

These saws are made in three grades:

Carbon Steel **Semi-High Speed Steel**
High Speed Steel

We especially recommend the semi-high speed steel saw because it represents a steel vastly superior in cutting quality to the ordinary steels formerly used. This steel has been developed by exhaustive research and experiment in our own crucible steel mill. The advantage gained from using Simonds Saw Steel is a cutting power which allows of longer runs or of a faster feed — frequently both.

When Ordering Metal Saws

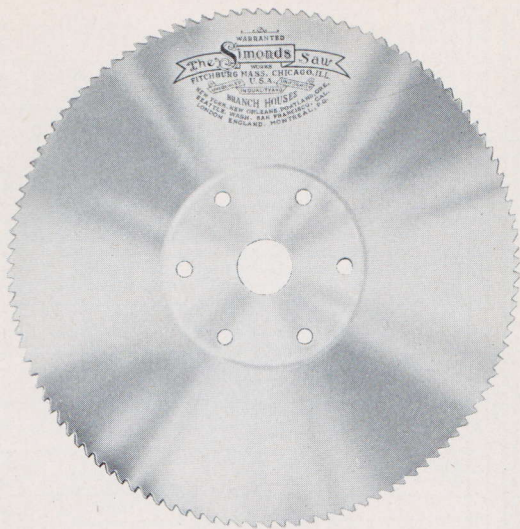
Please state material to be cut, make of machine, maker's catalogue number, diameter and thickness of blade, centre hole, pin holes and size of collars, also either the number of teeth in saw or the space from point to point. A rubbing of centre hole and pin holes is usually best. If your sharpener uses an index plate the number of teeth should be stated in place of the distance point to point.

Number of Teeth in Metal Saws

Standard Thickness	Dia. Inches	NUMBER AND PITCH OF TEETH													
		3	4	5	6	8	10	12	15	18	24				
$\frac{1}{16}$	8	200	134	100											
$\frac{1}{8}$	9	224	150	112											
$\frac{1}{4}$	10	250	168	124	100	84									
$\frac{3}{8}$	12		200	150	120										
$\frac{1}{2}$	13			162	120	108									
$\frac{3}{4}$	14			174	140	112	100	88							
$\frac{5}{8}$	15				150	124	108								
$\frac{3}{4}$	16				180	134	114	100							
$\frac{7}{8}$	18					150	130	112							
$\frac{1}{2}$	20					168	144	124	112						
$\frac{3}{4}$	22					184	158	138	122	110					
$\frac{7}{8}$	24					200	172	150	134	120					
$\frac{1}{2}$	26					218	186	162	144	130					
$\frac{3}{4}$	28					234	200	176	156	140					
$\frac{7}{8}$	30					250	214	188	168	150					
$\frac{1}{2}$	32					268	230	200	178	160					
$\frac{3}{4}$	34						244	212		170	140				
$\frac{7}{8}$	36						258	226		180	150				

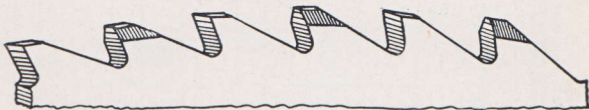
When possible give the factory the privilege of substituting the next larger or smaller number of teeth. This may permit shipping from stock.

SIMONDS—"THE SAW MAKERS"

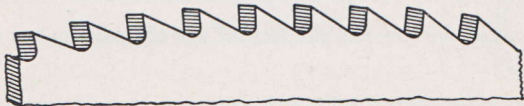


Simonds Metal Cutting Circular Saws

For Various Makes of Machines, and Different Styles of Teeth Carried in Stock



TOOTH STYLE. FIG. 3.



TOOTH STYLE. FIG. 4.

To any one interested in the above saws we will be glad to mail on request a copy of our special catalog "Metal Cutting Saws," which gives detailed information of much value to the saw operator. Write for it.

SIMONDS—"THE SAW MAKERS"

Simonds Metal Cutting Circular Saws

This price list covers blades for cold cutting, including the Newton, Higley, Q & C, Nutter-Barnes, Cochran-Bly, Espen-Lucas and many other machines. Saws 2½ inches to and including 7 inches in diameter are known as Metal Slitting Saws.

Diam. Inches	Thicknesses, Inches																										
	¾	1	1¼	1½	1¾	2	2¼	2½	3	3½	4	4½	5	5½	6	6½	7	8	9	10	11	12	13	14	15	16	
2½	\$1.15	\$1.20	\$1.25	---	---	\$1.35	---	---	\$1.40	---	---	\$1.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	1.30	1.35	1.40	---	---	1.50	---	---	1.55	---	---	1.65	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4	1.50	1.55	1.60	---	---	1.70	---	---	1.75	---	---	1.85	\$1.90	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	1.90	---	---	2.05	---	---	2.15	---	---	2.30	2.40	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	2.35	---	---	2.55	---	---	2.65	---	---	2.80	2.95	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	3.00	---	---	3.25	---	---	3.40	---	---	3.60	3.75	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	4.00	\$4.24	---	4.36	---	---	4.60	---	---	4.96	5.08	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	5.00	5.15	---	5.45	---	5.65	---	---	5.90	6.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	6.50	6.70	\$6.90	7.10	---	7.70	7.90	---	8.50	8.70	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	8.00	---	---	8.25	---	---	9.25	9.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13½	---	---	---	---	---	---	---	---	9.50	---	---	10.55	10.90	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	9.50	\$10.20	---	10.55	10.90	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13½	---	---	---	---	---	---	---	---	9.50	10.20	10.55	10.90	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	9.50	10.20	10.55	10.90	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	11.75	12.15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	11.75	12.15	12.55	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	14.75	15.25	15.75	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18½	---	---	---	---	---	---	---	---	---	---	---	17.50	18.10	18.70	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	19.30	20.50	---	---	---	---	---	---	---	---	---	---	---	---	---
20½	---	---	---	---	---	---	---	---	---	---	---	---	19.30	20.50	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	23.30	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31½	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
32	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
33	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
34	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
36	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

⊕ Metal Slitting Saws, 2½ to 7 inches in diameter, will be ground taper to hole for clearance unless diameter of collars desired is given.

Simonds High Speed Steel Metal Cutting Circular Saws

Diam. Inches	Thickness, Inches								
	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$
$2\frac{1}{2}$	\$3.00	\$3.15	\$3.40	\$3.50	\$3.75	....	....	....	....
3	4.05	4.20	4.50	4.65	4.95	....	....	....	....
4	5.05	5.20	5.55	5.70	6.00	\$6.20	....	....	....
5	6.65	7.20	7.50	8.05	8.40	....	....	....
6	9.40	10.15	10.60	11.20	11.80	....	....	....
7	12.00	13.00	13.60	14.20	14.70	....	....	....
8	17.45	18.40	19.40	20.35	....	....	....
9	20.60	21.80	23.00	24.20	....	....	....
10	26.80	28.40	30.00	31.60	....	....	....
12	36.10	38.25	40.40	....	....	....
14	42.75	45.90	49.05	....	\$55.35	....
16	58.75	62.75	....	70.75	....
18	76.25	\$81.25	86.25	....
20	90.50	96.50	102.50	....
22	102.50	109.50	116.50	....
24	138.05	146.85	\$160.05

Treatment of Metal Saws

Always Keep Saws Sharp. A dull saw is liable to break, and there is no guaranty on metal saws against breakage.

Round Saws after sharpening by revolving saw past the grinding wheel until every tooth shows a spark. A high tooth may break off while saw is in a cut, and if the tooth sticks in the cut the saw will be broken.

Emery Wheels must not be allowed to become glazed, as they will then draw temper of saw.

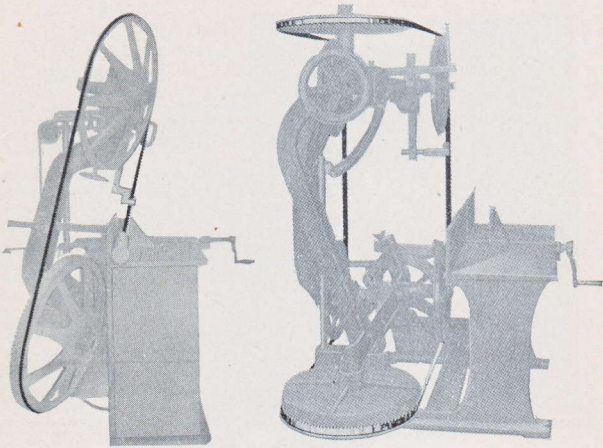
New Saws are carefully rounded, sharpened, and inspected before leaving our factory; but even so, when they are put on the arbor they should not be put into hard usage without first having been looked over very carefully.

It is not good practice to put new saws to a full feed until after the first or second resharpening. Sometimes the arbor is sprung slightly and a saw a little out of round. In such a case changing the position of the saw on the arbor will frequently help.

Gears and Bearings should all be tight fitting, so that there can be no false motion to the saw arbor.

Cutting Compound or a continuous stream of oil should be played on the teeth of the saw when cutting steel, just before it enters the cut, in the same manner as you treat your milling cutters.

Simonds Metal Cutting Band Saw Blades



Every operator of a Metal Band Saw knows that the cutting power of his machine, whether it be cutting $\frac{1}{4}$ -inch bar or 12-inch round, is vitally dependent on the quality of the Band Saw Blade.

If you wish to improve your cutting results and reduce your blade expense, buy Simonds Saws.

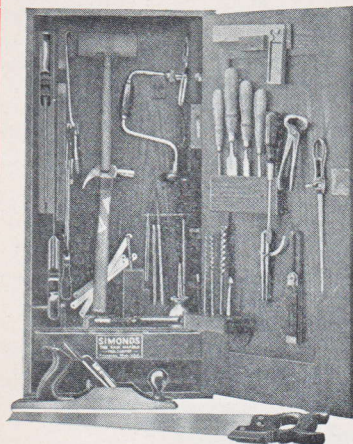
Simonds special alloy steel Blades are the most dependable blades on the market. They are made for any style of machine, and with teeth especially selected for the kind of cutting you do. We particularly recommend one of our Band Saws for cutting brass, zinc, and thin steel.

When ordering Metal Cutting Band Saw Blades give the length, width, thickness or gauge, number of teeth to the inch, the class of work to be cut, also the name and style of machine on which the blade is to operate.

List Prices

Width, Inches	Thickness	Price per Foot	Price per Pound	Price for Brazing
1	.025	\$0.07	\$4.20	\$0.20
	.025	.07	2.50	.20
	.025	.08	2.00	.20
	.028	.09	1.60	.25
	.032	.10	1.20	.30
	.035	.13	1.15	.35

Simonds Tool Cabinets



TOOLS FOR THE AMATEUR CARPENTER

One of the handiest, most practical, and most satisfactory collections of tools for the boy or man who likes to make things of wood.

It contains the proper tools for general carpentry work about the home, farm, or shop.

The tools are all manufacturers' own brand articles of highest grade, widely and favorably known by tool users everywhere, and are covered by the respective manufacturers' liberal guarantees.

Tools neatly and conveniently arranged. Cabinet made of thoroughly seasoned chestnut with oak grain finish.

With each Cabinet we send a copy of "Simonds' Guide for Carpenters," a booklet giving rules and other items of information for the woodworker.

Each Cabinet contains one each:

Firmer Chisels, $\frac{1}{4}$ ", $\frac{1}{2}$ ", 1".	Simonds Mfg. Co.'s Coping Saw with Blade.
Firmer Gouge.	" " " Keyhole Saw and Pad.
Cold Chisel.	" " " Cabinet Scraper Blade.
Rose Countersink.	" " " Hack Saw Frame.
Ratchet Brace.	" " " 8" Hard Edge Blade,
Steel Handle Wrench.	14 Teeth.
Hammer.	Simonds Mfg. Co.'s 8" Hard Edge Blade,
Auger Bits, $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ".	18 Teeth.
Oilstone in Box.	Simonds Mfg. Co.'s 8" Hard Edge Blade,
Try Square.	24 Teeth.
Marking Gauge.	Simonds Mfg. Co.'s 8" Hard Edge Blade,
Boxwood Rule.	32 Teeth.
Jack Plane.	Simonds Mfg. Co.'s 8" Flat Bastard File.
Level.	" " " 8" Half Round Bastard
Spoke Shave.	File.
Mallet.	Simonds Mfg. Co.'s 6" Slim Taper File.
Nail Set.	" " " 8" Rat Tail File.
"T" Bevel.	Oil Can.
Brad Awl.	Pair of Dividers.
Screwdriver.	Side Cutting Pliers.
Simonds Mfg. Co.'s 22" 10-point Hand Saw.	End Cutting Carpenters' Pincers.
" " " 22" 7-point Rip Saw.	The size of the Cabinet is 32 $\frac{1}{2}$ " high, 16"
" " " 10" Back Saw.	wide, 7 $\frac{1}{4}$ " deep.

List Price \$30.00 complete

The Production of Sound Steel Ingots

An Improved and Efficient Method of Crucible Steel Making at the Simonds Steel Mill, Lockport, N. Y.

In making steel for the manufacture of Saws the production of absolutely "pipeless" and sound steel ingots is most important. We illustrate herewith the old style ingot showing the so-called "pipe" or shrinkage cavity, and the new style Simonds Steel ingot sound and uniform throughout.

"Pipe" is a cavity caused by shrinkage occupying nearly a third of the length of the old style ingot. For seven years we experimented carefully to find the best method of producing an ingot sound throughout. The finished process and apparatus fully covered by United States and Foreign Country patents is now in operation at our Lockport, N. Y., Steel Mill.

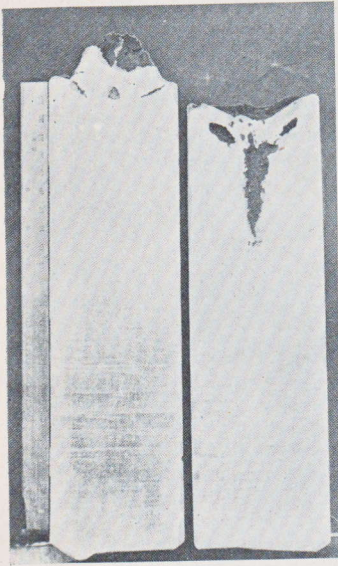
We can now use practically the entire ingot and be sure that there will be no "pipe" in Simonds Steel to later result in split or crumbly teeth, and in addition we obtain a steel that is much more dense, has a better structure and gives higher physical tests for the same composition than steel not compressed. Simonds Saws owe much of their success to using only selected steel.

Uniformity of product is very essential in making saw plates. We have careful inspection at every operation and the most careful selection of raw materials. The chemical laboratory at the Simonds Mill is in charge of experts who constantly watch uniformity and quality, making an analysis of each melting to determine the exact proportion of carbon and other ingredients and so prevent possible errors.

Simonds Steel has been made by us since 1900. Previous to

that time we bought our steel from the best known makers in the United States and England, but knowing that our reputation for high grade saws depended largely on a uniformly high grade of steel, building a mill of our own was an absolute necessity. The steel which we previously bought regardless of price was never so suitable as a saw steel as that which we now make in our own mill.

Simonds Saws excel because the same care is given the making of Simonds Steel as is used in finishing the product into saws and machine knives.



Simonds New Process.
Sound Steel Ingot

Ingot Showing
"Pipe"

Offices of the Simonds Mfg. Co.

FITCHBURG, MASS. CHICAGO.
 NEW YORK CITY. SIMONDS CANADA SAW CO. LTD.
 NEW ORLEANS. MONTREAL.
 SAN FRANCISCO. VANCOUVER.
 PORTLAND. ST. JOHN.
 SEATTLE. LONDON. N. B.

**PARIS, 1900,
 GRAND PRIX
 AND
 GOLD MEDAL**

SEATTLE 1909,
**GRAND
 PRIZE**

SIMONDS MFG. CO.

SAWS AND KNIVES

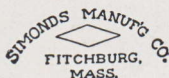
The only American Saw or Knife
 Manufacturers to have received the Grand Prix
 at any exposition ever held in Paris.

ALSO AWARDED MEDAL OF HONOR AND GOLD MEDAL AT THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION,
 SAN FRANCISCO, 1915

Simonds Trade Marks



Used on all Simonds Saws made in the U. S. A.



Used on Simonds Manufacturing Company's Knives



Used on all Saws made by us in Canada

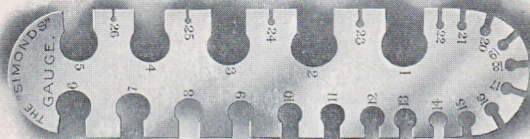


Used as a side etch on Simonds Hand Saws

Simonds

Stamped on all Simonds Hack Saws and Files

Saw Gauges



Our Standard Gauge

Gauge	Fraction Inch	Thousandths Inch	Millimeters
	1	1.000	25.40
	$\frac{1}{8}$	.875	22.225
	$\frac{3}{4}$	.750	19.05
	$\frac{5}{8}$	.625	15.875
0000000	$\frac{1}{2}$	.500	12.70
000000	$\frac{15}{32}$	.46875	11.905
00000	$\frac{7}{16}$	.4375	11.11
0000	$\frac{13}{32}$	.40625	10.31
000	$\frac{3}{8}$	.375	9.525
00	$\frac{11}{32}$	.34375	8.73
0	$\frac{5}{16}$	.3125	7.94
1	$\frac{5}{16}$ Scant	.300	7.62
2	$\frac{9}{32}$	.284	7.21
3	$\frac{1}{4}$ Full	.259	6.57
4	$\frac{15}{64}$	.238	6.04
5	$\frac{7}{32}$	.220	5.59
6	$\frac{13}{64}$	.203	5.18
7	$\frac{3}{16}$ Scant	.180	4.57
8	$\frac{5}{32}$ Full	.165	4.19
9	$\frac{5}{32}$ Scant	.148	3.76
10	$\frac{1}{8}$ Full	.134	3.40
11	$\frac{1}{8}$ Scant	.120	3.05
12	$\frac{7}{64}$	.109	2.77
13	$\frac{3}{32}$	.095	2.41
14	$\frac{5}{64}$ Full	.083	2.10
15	$\frac{5}{64}$ Scant	.072	1.82
16	$\frac{1}{16}$ Full	.065	1.65
17	$\frac{1}{16}$ Scant	.058	1.47
18	$\frac{3}{64}$	.049	1.24
19	. . .	.042	1.06
20	. . .	.035	.89
21	$\frac{1}{32}$	.032	.81
22	. . .	.028	.71
23	. . .	.025	.64
24	. . .	.022	.56
25	. . .	.020	.51
26	. . .	.018	.46
27	$\frac{1}{64}$	.016	.41
28	. . .	.014	.36
29	. . .	.013	.33
30	. . .	.012	.30

SIMONDS—"THE SAW MAKERS"

Warranty. Each "Simonds" Saw is warranted as true as it is possible to make it; free from flaws and seams. If found to be defective in any of these particulars, it may be returned to us, and if on examination the saw is found to be at fault, all necessary repairs will be made free of charge, or a new saw given in exchange, provided it is returned within 30 days from delivery. The gumming of Saws with punches or dies that are not in proper condition; the filing of square corners in the gullets of teeth; or the case hardening of the gullets by improper use of emery wheels, are almost certain to cause cracks in the plate. Our warranty does not cover such cases.

Our Terms to all parties who are satisfactorily rated in Dun or Bradstreet, or who will furnish us with suitable bank or commercial references, are thirty days. In other cases we will follow our usual custom and send goods C. O. D.

All Quotations are made and goods invoiced at current prices, these prices being *subject to change without notice*. We reserve the right to correct stenographic errors in quotations or invoices, and we will not hold ourselves responsible for delays due to causes beyond our control.

All Orders, either by mail or through our agents, are subject to our approval, and if declined, parties will be notified immediately.

Shipping Directions. Give explicit instructions for routing each shipment, and thus avoid unnecessary delays in delivery.

Shipments are invariably made at purchaser's risk, and all prices are f. o. b. factory.

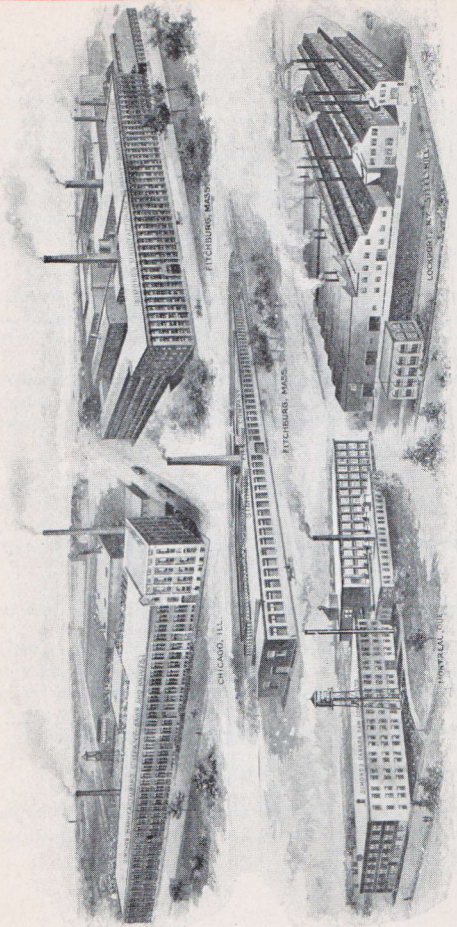
Packages by Mail. Packages may be forwarded by mail in conformity with postal regulations. In the United States, 50 pounds may be mailed to points in the first and second postal zones; 20 pounds may be mailed any distance.

Errors or Shortages should be reported promptly on receipt of goods.

Overdue Accounts subject to sight draft.

Remittances should be made in funds current at par in New York City, Boston or Chicago. In case of remittances from abroad the £ sterling is reckoned as equalling \$4.80.

SIMONDS—"THE SAW MAKERS"



The four factories of the Simonds Manufacturing Company: two at Fitchburg, Mass., one at Chicago, Ill., one at Montreal, Que., and the Simonds Steel Plant at Lockport, N. Y.

INDEX

	Page		Page
Addresses	179	Circular Cutters (Cont'd)	
Adjustable Hack Saw Frames	155, 156	Leather	73
Adjustable Saw Set	55	Lock Corner	25
Adjustments of Compass and Keyhole		Paper	73
Saws	122, 123	Rubber	73
Anvils	53	Circular Saw Clamp	54
Arbors	57	Gauge	56, 174
Armstrong Swages and Shapers	51	Repairing	31
Back Saw Handles	138	Sets	55
Back Saws	124-126	Sets, Lever	142
Band Saw		Circular Saws	2-31
Anvils	53	Bone, Horn, and Ivory	23
Brazing Clamp	60	Concave	28
Brazing Tongs	60	Edger, Solid Tooth	29
Blanks	37	For Roughing Handles	30
Clamp	59	Grooving	13, 25
Filing Machine	58	Inserted Point, Rip	2-13
Rig	35	Inserted Point, Cut-off	14, 15
Setting Machine	58	Lathe	30
Swage	50, 51	Metal	161-168
Swage Shaper	50, 51	Mitre	26, 27
Band Saws	32-41	Novelty	26, 27
Metal	169	Resawing or Siding	29
Narrow	35, 36	Shingle and Heading	24
Wide	37-41	Slate	30
Wide, Styles of Teeth	38-41	Thin Rim	27
Bar Swage and Hammer	54	Circular Saws, Hand of	16
Beef Splitting Saws	135	Number of Teeth	21
Belt Knives	72	Price List	22, 23
Bench Saws	115	Speed of	19
Bits for Inserted Point Saws	5, 6, 8-12	Clamps	54, 60, 140
Bits for Inserted Point Groover Saws	13	Cloth Cutters	73
Bone Saws	23	Collars for Shingle and Heading Saws	24
Brazing Clamp	60	Compass Saw Blades	122
Lamp	60	Handles	139
Tongs	60	Compass Saws	120-122
Brazing Narrow Band Saws	36	Compass Saws, Nests of	120
Buck Saw Blades	148, 149	Concave Saws	28
Frames	147	Cork Cutters	73
Rods	147	Creasing Rule	74
Buck Saws, Complete	143-146	Crescent Ground Cross-Cut Saws	76-86
Butcher Block Scrapers	137	Crescent Ground Cross-Cuts, One Man	91
Butcher Saw	136	Crescent Saw Tools	98, 99
Blades	136	Cross-Cut Saw Handles	100, 101
Blades in Coils	136	Lever Sets	142
Handles	139	Tools	97-99
Punch	136	Cross-Cut Saws	76-96
Butcher Saws	131-135	Bay State	87-90
Butting or Drag Saws	44, 45	Crescent Ground	79-86
Cabinet of Tools	170	Hollow Back	81, 82, 89, 90
Cabinet Scrapers	137	One Man	91-96
California Pruning Saws	130	"Culley" Flexible Hack Saw Blade	160
Cane Knives	75	Curved Pruning Saws	130
Chair Webs	47	Cutting Rule	74
Changing Solid into Inserted Point Saws	6	Dehorning Saw	133
Chisel Bit Saws	9-11	Difference between Points and Teeth,	
Circular Cutters	69, 73	per inch	35
Cigarette	69	Docking Saw	127
Cloth	73		
Cork	73		

SIMONDS—"THE SAW MAKERS"

	Page		Page
Double Edge Band Saws	37	Ice Saws	102, 103
Double Edge Hand Saws	114	Inserted Point Saws	2-15
Double Edge Pruning Saws	129	Cut-Off Saws	14, 15
Dovetail Saws	124	Edger Saws	12
Drag Saws	44	Grooving Saws	13
Edger Saws, Inserted Point	12	Price List	6, 8, 10, 11
Edger Saws, Solid Tooth	29	Rift	12
Factories, Illustrations of	Insert	Interchangeable Compass Saws and	
Fay Thin Back Scroll Saws	49	Blades	120-122
Felloe Webs	47	Ivory Saws	23
Files and Rasps	150-153	IXL Saws	9-11
Filing Clamps	54, 59, 140	Joiner Saws	115
Filing Machine for Narrow Bands	58	Jointer, Hand Saw	140
Fitting Circular Saws	22, 23, 31	Keyhole Saws	120-123
Flanges for Shingle and Heading Saws	24	Kit of Saws	119
Flexible Hack Saw Blades	158-160	Kitchen Saws	134
Flooring Saws	114	Knives, Belt	72
Frames for Hack Saws	154-156	Cane	75
Web Saws	154	Machine	61-72
Wood Saws	147	Knives for Coopers, Box and Barrel	
Gang Saws	43, 44	Manufacturers	67
Gauges, Our Standard	174	Cutting Metal	70
Gauges Saw	56	Furniture and Veneer Fac-	
German Pattern Webs	48, 49	tories	66
Grooving Saws, Inserted Tooth	13	Paper and Pulp Mills	68
Solid Tooth	25	Paper Cutting	68
Guides for Band Saws	59	Planing Mills	65
Hack Hand Saws	115	Tanneries and Leather	
Hack Saw Blades	158-160	Splitters	71, 72
Culley	160	Tobacco Manufacturers	69
Hard Edge	158, 159	Lamp, Brazing	60
Power	159	Lance Tooth Drag Saws	45
Simonds	158, 159	Lathe Saws	30
Hack Saw Frames	154-156	Leather Cutters	71, 72
Hammers, Cross-Cut Setting	99	Lea Simplex Metal Saws	161-168
Saw Makers	53, 54	Leveling Blocks for Band Saws	53
Hanchett Band Saw Swage	50	Lever Saw Sets	141, 142
Hanchett Band Swage Shaper	50	Lock Corner Cutters	25
Hand of Saws, Right or Left	16	Long Saws	44, 45
Hand Hack Saw Blades	158, 160	Machine Knives	61-72
Hand Ice Saws	102, 103	Mandrels	57
Hand, Rip, and Panel Saws	104-118	Metal Saws, Band	169
Bay State Brand	116	Circular	161-168
Blue Ribbon Brand	106-109	Slitting	166-168
Indian Brand	117, 118	Mill Saws	45
Simonds Brand	106-113	Milling Saws for Metal	166-168
Hand Saw Clamp	140	Mitre Box Saws	125, 126
Hand Saw Handles	138, 139	Mitre Saws	26, 27
Hand Saw Jointer	140	Mulay Saws	45
Hand Saw Sets	140-142	Nail Cutting Saws	114, 115, 121
Handles for Cross-Cut Saws	100, 101	Narrow Band Saws	35, 36
Handles for Back, Compass, One Man,		Narrow Band Saws in Coils	35
Pruning, Butcher, and Hand		Narrow Cross-Cut Saws	81, 82, 89, 90
Saws	138, 139	Nest of Saws	120, 121
Handles, Tiller	46, 102	Novelty Saws	26, 27
Handy Kit of Saws	119	Number of Teeth in Circular Saws	21
Hard Edge Hack Saw Blades	158, 159	One Man Cross-Cut Saw Handles	139
Heading Saws	24	One Man Cross-Cut Saws	91-96
High Speed Steel Knives	64		
Higley Metal Saws	161-168		
Hollow Back Cross-Cut Saws	81, 82, 89, 90		
Horn Saws	23		

SIMONDS—"THE SAW MAKERS"

	Page		Page
Paper Cutting Knives	68	Slotting Blades	157
Pattern Makers' Saws	124	Solid Board Saws	22, 23
Perforating Steel Rule	74	Solid Tooth Circular Saws	17-30
Pistol Grip Hack Saw Frames	156	Speed Indicator	56
Pit Saws	46	Speed of Circular Saws	19
Plumbers' Nest of Saws	121	Standard Gauge	174
Points for Inserted Point Saws	5, 6, 10	Number of teeth in Circular	
Points for Inserted Point Groovers	13	Saws	21
Pond Ice Saws	102	Styles of Circular Saw Teeth	20
Power Hack Saw Blades	159	Styles of Gang Saw Teeth	43
Pruning Saw Handles	139	Styles of Band Saw Teeth	38-41
Pruning Saws	127-130	Steel Cutting and Creasing Rule	74
Pulp Saws	22, 23	Steel, Process of Making	171
Punch, Butcher Saw	136	Steel Scales	56
Q. & C. Metal Saws	161-168	Steel Tapes	56
Rail Hack Saw Frames	154	Straight Cut Hack Saw Frames	156
Raker Gauges	97-99	Straight Edges	53
Rasps and Files	150-153	Straight Rubber Knives and Cutters	73
Remittances	175	Styles of Circular Saw Teeth	20
Repairing Circular Saws	31	Gang Saw Teeth	43
Resaws or Siding Saws	29	Wide Band Saw Teeth	39-41
Rift Saws, Inserted Point	12	Supplementary Handles	139
Rig for Narrow Band Saws	35	Swage Bar and Hammer	54
Rings for Inserted Point Saws	6, 10	Swage, Hanchett	50
Rods for Wood Saws	147	Armstrong	51
Rubber Cutters	73	Swages or Upsets	52
Rubber Knives	73	Table and Pruning Saws	127-130
Saw Arbors	57	Tabs or Tangs for Cross-Cut Saws	86
Clamps	54, 59, 140	Tabs for Gang Saws	44
Gauges	56	Tanged Web Saws	48
Guide	59	Tapes, Steel	56
Saw Handles, Cross-Cut	100, 101	Tapered Drag Saws	44
Hand	138, 139	Tapered Pruning Saws	127-130
Saw Makers' Tools	53	Teeth, Circular, Styles of	20
Saw Screws	139	Gang, Styles of	43
Saw Sets, Band	55	Band, Styles of	38-41
Circular	55, 142	Metal Saws, Number of	164
Cross-Cut	97-99	Terms	175
Hand	140-142	Thin Back Scroll Saws	49
Saw Tools, Cross-Cut	97-99	Thin Rim Circular Saws	27
Saw Vises	54, 59	Tiller Handles	46, 102
Scales, Steel	56	Tongs for Brazing	60
Scoring Rule	74	Tools for Cross-Cut Saws	97-99
Scraper Blades	137	Tools, Cabinet of	170
Scrapers	137	Trade-marks	173
Screw Slotting Blades	157	Turning or Chair Webs	47
Screws, Saw	139	Upsets or Swages	52
Scroll Saws	47-49	Vises for Band Saws	59
Sending Saws by Mail	175	Vises for Circular and Hand Saws	54, 140
Set-In-Handle Saw	114	Wagon Ice Saws	102, 103
Setting and Filing Band Saws	36	Wall Scrapers	137
Setting and Sharpening Circular Saws	31	Warranty on Saws	175
Setting Machine for Band Saws	58	Web Saw Frames	154
Shanks for Inserted Point Saws	6, 10	Webs	47-49
Shaper, Hanchett	50	Whip Saws	46
Armstrong	51	Wide Band Saws	37-41
Shear Blades	70	Wide Band Saws, Styles of Teeth	38-41
Shingle Saws	24	Wood Saw Blades	148, 149
Shipping Directions	175	Frames	147
Siding Saws or Resaws	29	Rods	147
Silver Solder	33	Wood Saws, Complete	143-146
Slate Saws	30	Wrenches for Inserted Point Saws	6, 8

Simonds Manufacturing Co.

Executive Offices and Works	FITCHBURG, MASS.
Western Avenue and 16th and 17th Streets	CHICAGO, ILL.
209 Madison Avenue	MEMPHIS, TENN.
85-87-89 First Street	PORTLAND, ORE.
402 Occidental Avenue	SEATTLE, WASH.
12-14 Natoma Street	SAN FRANCISCO, CAL.
8 White Street, Moorfields	LONDON, E. C., ENG.
Steel Mill	LOCKPORT, N. Y.
Export Department . 90 WEST BROADWAY, COR. CHAMBERS STREET, NEW YORK CITY	

Simonds Mfg. Co., Ltd.

420 Canal Street	NEW ORLEANS, LA.
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Simonds Canada Saw Co., Limited

St. Remi Street and Acorn Avenue	MONTREAL, P. Q.
54 Powell Street	VANCOUVER, B. C.
55 Water Street	ST. JOHN, N. B.

Simonds File Co.

FITCHBURG, MASS.

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SIMONDS, Fitchburg. SIMANCO, N. Y. City.

Codes: A B C, 4th & 5th Editions, Lieber's.

Western Union, WATKINS, SIMONDS.

Established in 1832.

Orders sent to any of our above Houses will receive prompt and careful attention.
On application, we will furnish order blanks for Saws or Knives of all kinds.

SIMONDS—"THE SAW MAKERS"

The Everett Press, Inc., Boston

SIMONDS
MANUFACTURING CO.