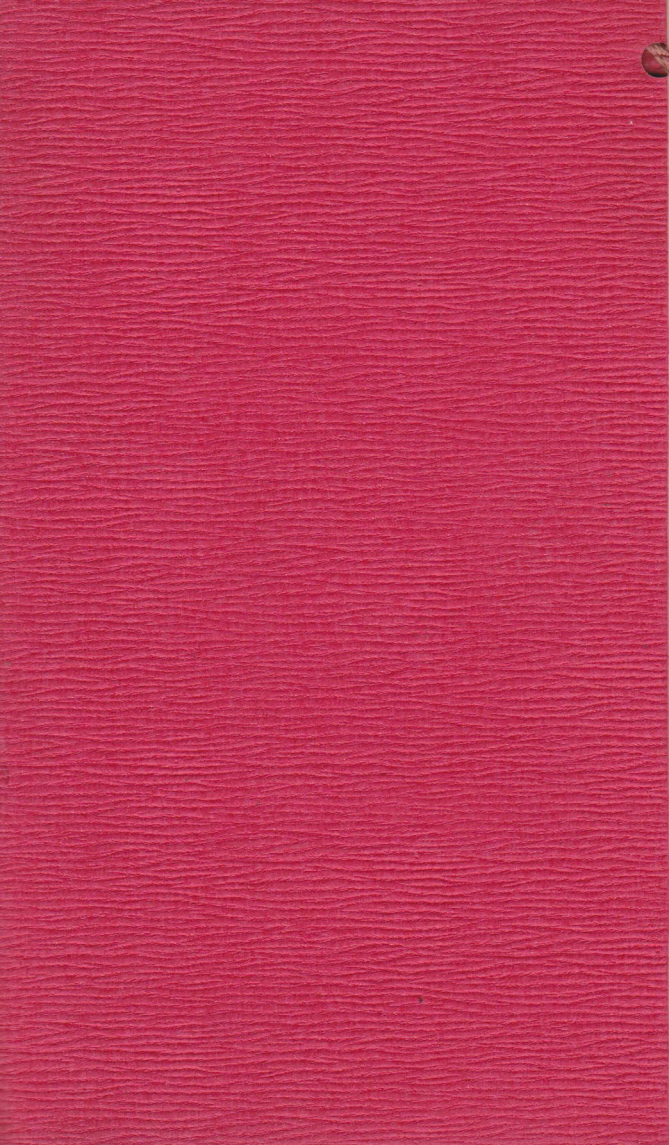


A circular graphic of a saw blade with a serrated edge, rendered in a light, textured style. The text is superimposed on the blade.

The Simonds Saws
&
Knives

A horizontal graphic of a ruler with several vertical tick marks, rendered in a light, textured style.

THE SIMONDS KNIFE



W. A. RAY
MILWAUKEE, WIS.

SAWS

Machine Knives

Warranted First Quality

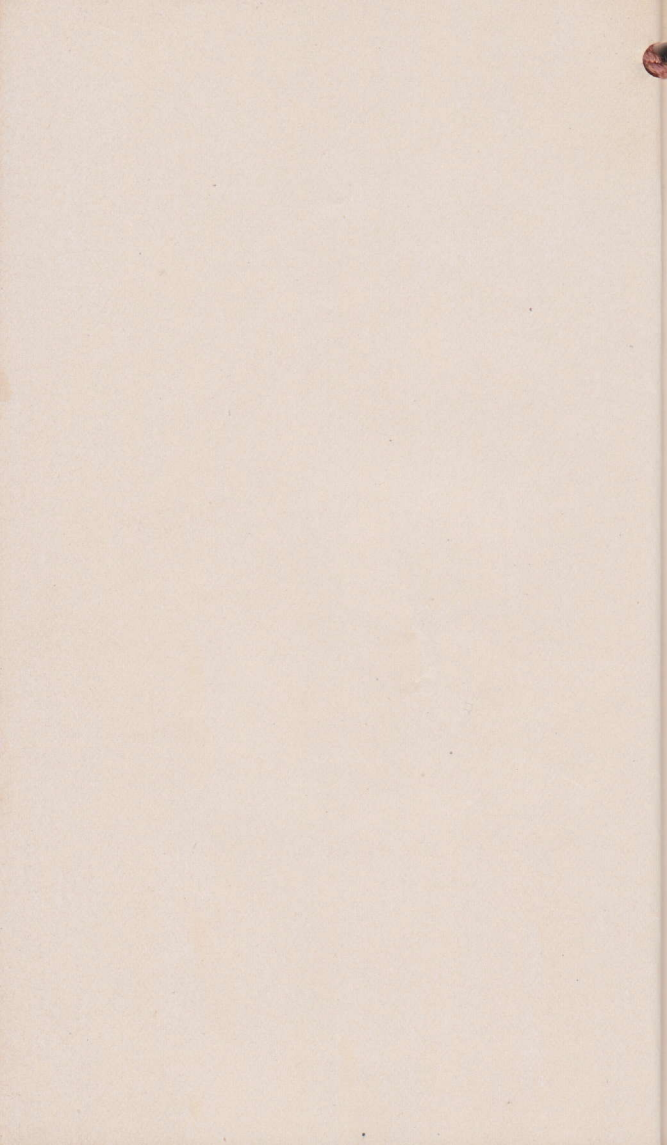
Manufactured by the

W. A. Ray Saw and Knife Works

1000 North Broadway

Chicago, Ill.

WARRANTED



PRICE LIST

SIMONDS MFG. CO.

MAKERS OF

SAWS

AND

Machine Knives.

ALSO,

CRUCIBLE SHEET STEEL.



Fitchburg, Mass.

New York City.

Chicago, Ill.

Portland, Ore.

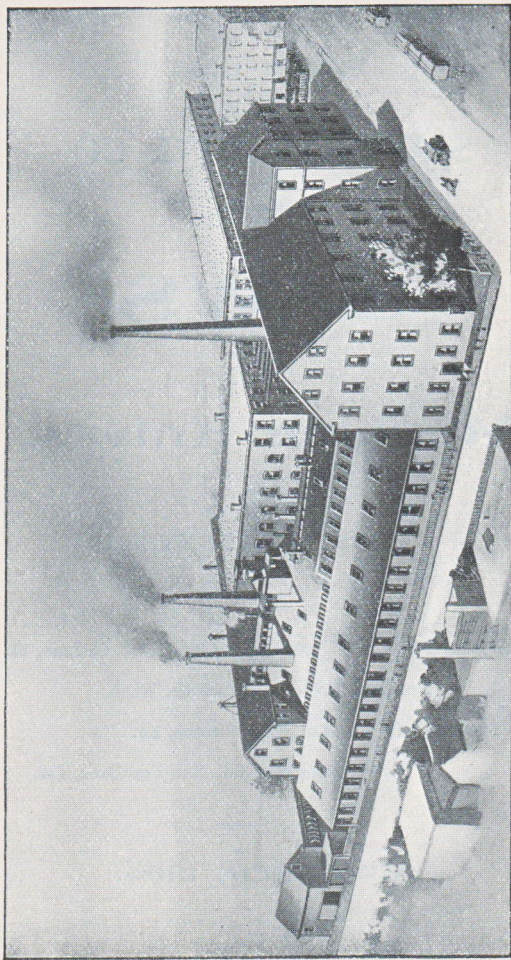
Seattle, Wash.

Simonds Mfg. Co., Ltd., New Orleans, La.

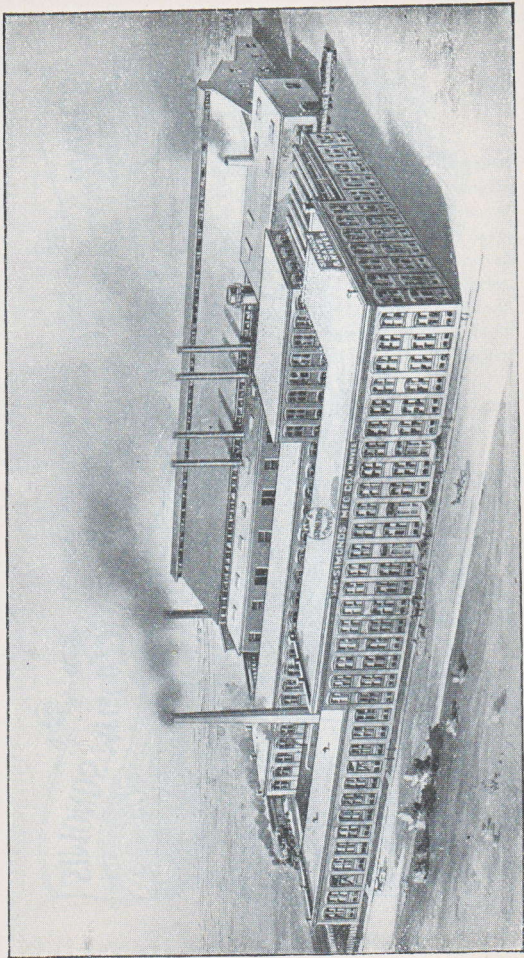
Simonds Saw Co., San Francisco, Cal.



NOVEMBER, 1904.



Simonds Mfg. Co.'s Saw and Knife Works at Fitchburg, Mass.



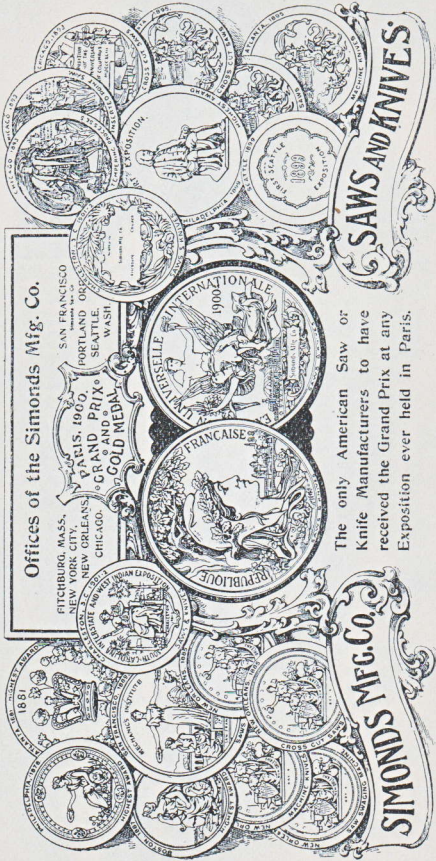
Simonds Mfg. Co.'s Saw Works, Knife Factory and Crucible Steel Plant, at Chicago, Ill.

Offices of the Simonds Mfg. Co.

FITCHBURG, MASS.
NEW YORK CITY.
NEW ORLEANS.
CHICAGO.

SAN FRANCISCO
PORTLAND OREG.
SEATTLE.
WASH.

PARIS, 1900.
GRAND PRIX
D'OR AND
GOLD MEDAL



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

SAWS AND KNIVES

SIMONDS MFG. CO.

IN offering you our 1905 catalogue and price list, we request your careful perusal of its contents. We have added largely to our list of manufactures, and now offer you a complete line of Saws, including Inserted Point and Solid Tooth Circular Saws, Band Saws, Cross-cut Saws, Hand Saws and Mill Saws, also, all kinds of Machine Knives, such as Paper Knives, Shear Blades, Leather Splitting Knives, Belt Knives, and all kinds of Woodworking Knives. In fact, our line consists of such goods as should appeal to all interested in the use or disposal of Saws or Machine Knives.

In placing a line of Hand Saws before the public, we believed there was an unfilled place for Simonds quality, and our success has greatly exceeded our expectations.

Through the introduction of an up to date Crucible Steel Plant in connection with our Chicago Factory, we obtain an improvement in quality and uniformity of product in no way equalled.

Our aim to have the Simonds standard of quality the very highest, is attained by expert examination in every department.

On pages 2 and 3 are shown exact reproductions of our Fitchburg and Chicago Factories. At all our Branches we carry a full line of our goods, so that we are able to fill orders at all times, from all sections of the country, promptly and carefully.

We thank you for your past patronage and earnestly solicit your future favors.

Very truly yours,

SIMONDS MANUFACTURING COMPANY

ESTABLISHED IN 1832.

Simonds Manufacturing Co.

Main Offices and Works, Western Ave., and 16th and 17th Sts.,
FITCHBURG, MASS. CHICAGO, ILL.

40 Murray St., NEW YORK CITY.

85 First St.,
PORTLAND, ORE.

119 Jackson St.,
SEATTLE, WASH

Simonds Mfg. Co., Ltd.

301-303 Tchoupitoulas St.. NEW ORLEANS, LA.

Simonds Saw Co.

31 Main St., SAN FRANCISCO, CAL.

Cable Addresses,

SIMONDS, Fitchburg.

SIMANCO, N. Y. City.

Codes, A. B. C., 4th Edition. Lieber's.

See also our Code in back part of Catalogue.

On application, we will furnish order blanks for Saws or Knives of all kinds, and printed matter fully illustrating any goods not shown in this catalogue.

Orders sent to any of our above seven Houses will receive prompt and careful attention.

TERMS.

Our terms to all parties who our Mercantile Agency Books (Dun and Bradstreet) show are entitled to credit, are 30 days; otherwise C. O. D., although, if parties will refer us to the Cashier of the Bank where they do their banking business, or to any responsible merchant in their place, who will say to us that they are enjoying good local credit, we are pleased to allow our regular terms, 30 days.

All overdue accounts subject to sight draft.

Shipping directions should accompany all orders, and if special routes are desired they must be explicitly stated. All shipments made at risk of purchaser, and invoiced at current prices, *the prices of our goods being subject to change at all times without notice.*

Boards and cases invariably charged for, and no deliveries made either by express or freight.

Remittances from abroad must be in funds current in New York City or Boston, the £ Sterling being reckoned as equalling \$4.80.

Sending Saws by Mail.

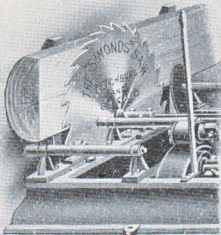
Saws 12 inches in diameter and less can be sent by mail to any part of the country at an expense of but 1 cent per ounce.

WARRANTY.

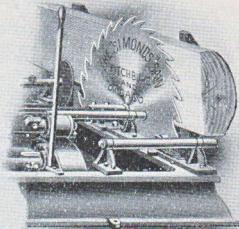
Each saw is warranted perfectly true, or as true as it is possible to make it; free from flaws and seams. If found to be defective in any of these particulars, it may be returned to us, and, if on examination we are satisfied the saw is at fault, all necessary repairs will be made free of charge, or a new saw given in exchange, provided it is returned within 30 days from delivery.

The practice of using a cold chisel or punch for retoothing a saw is almost certain to distort or crack the plate, and *corners filed square in the gullet of the tooth will frequently produce the same result*, particularly in frosty weather. Our warranty does not cover saws breaking from either of these causes.

Circular Board Saws.



LEFT-HAND
SAW



RIGHT-HAND
SAW

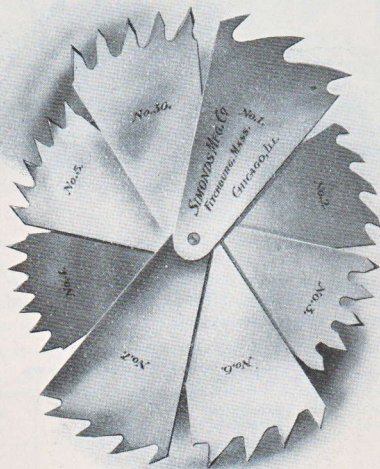
N. B.—Standing in front of a Circular Saw with the Saw revolving towards you; if the log passes to the right of the Saw it is a RIGHT-HAND Saw: if to the left, a LEFT-HAND Saw, as shown above.

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.

Styles of Circular Saw Teeth.



This cut shows a few of the many kinds of Circular Saw Teeth in use in the United States. We make any standard tooth wanted.

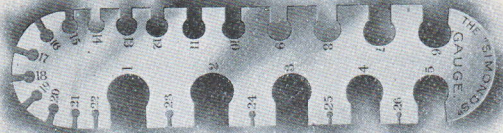
The Standard Number of Teeth in Circular Saws

Diam. Inch.	Splitting.	Cut-off.	Diam. Inch.	Splitting.	Cut-off.
4	38 to 40	100 to 120	24	34 to 36	72 to 80
5	38 to 40	100 to 120	26	32 to 34	72 to 80
6	38 to 40	100 to 120	28	32 to 34	72 to 80
7	38 to 40	100 to 120	30	32 to 34	80 to 90
8	38 to 40	100 to 120	32	32 to 34	80 to 90
9	36 to 38	90 to 110	34	32 to 34	80 to 90
10	36 to 38	90 to 110	36	34 to 38	80 to 90
12	36 to 38	90 to 100	38	34 to 38	80 to 100
14	36 to 38	90 to 100	40	36 to 40	80 to 100
16	36 to 38	80 to 90	42	36 to 40	80 to 100
18	34 to 36	80 to 90	44	36 to 40	80 to 100
20	34 to 36	80 to 90	46	36 to 40	80 to 100
22	34 to 36	72 to 80			

For Mills running Saws	550 Revolutions or less. 4 inch feed or less.	600-700 Revolutions. 6 inch feed	700-800 Revolutions. Over 6 inch feed.	Cut-off.
Diam. Inch.	Splitting.	Splitting.	Splitting.	Cut-off.
48	24 to 36	34 to 40	48 to 60	80 to 100
50	26 to 38	34 to 42	50 to 70	80 to 100
52	28 to 38	36 to 44	52 to 80	80 to 100
54	30 to 40	36 to 48	54 to 80	90 to 120
56	34 to 44	36 to 50	56 to 90	90 to 120
58	36 to 46	40 to 52	58 to 90	90 to 120
60	36 to 48	42 to 60	60 to 100	90 to 120
62	. . . . .	44 to 60	60 to 100	100 to 140
64	. . . . .	44 to 60	60 to 100	100 to 140
66	. . . . .	48 to 66	72 to 100	100 to 140
68	. . . . .	48 to 68	80 to 100	100 to 160
70	. . . . .	48 to 68	90 to 100	100 to 160
72	. . . . .	48 to 72	90 to 100	100 to 160

Diam.	Resaws.	Edgers.	Diam.	Shingle. Reg.	Heading.
16	. . . . .	18 to 30	36	60 to 80	. . . . .
18	36 to 48	18 to 30	38	80 to 100	. . . . .
20	36 to 48	20 to 32	40	80 to 120	60 to 80
22	36 to 50	22 to 34	42	80 to 120	60 to 80
24	36 to 52	24 to 36	44	. . . . .	72 to 90
26	40 to 60	26 to 36	46	. . . . .	72 to 90
28	40 to 60	. . . . .	48	. . . . .	80 to 100
30	40 to 60	. . . . .	50	. . . . .	80 to 100
32	44 to 66	. . . . .	52	. . . . .	80 to 100
34	44 to 66	. . . . .	54	. . . . .	80 to 100
36	48 to 72	. . . . .		. . . . .	84 to 110
38	48 to 72	. . . . .		. . . . .	. . . . .

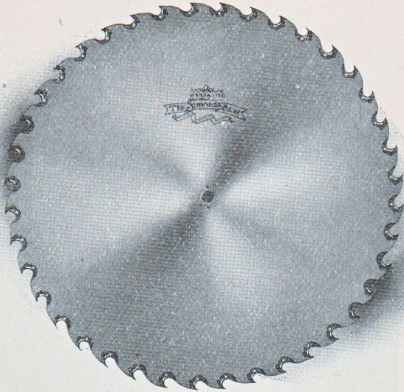
Saw Gauges.



Our Standard Gauge.

Gauge.	Fraction Inch.	Thousandths Inch.	Millimeters.
1	$\frac{1}{16}$ Scant	.300	7.62
2	$\frac{3}{32}$	.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	$\frac{5}{16}$ Full	.165	4.19
9	$\frac{5}{16}$ 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	$\frac{5}{16}$ Full	.083	2.10
15	$\frac{5}{16}$ Scant	.072	1.82
16	$\frac{1}{8}$ Full	.065	1.65
17	$\frac{1}{8}$ Scant	.058	1.47
18	$\frac{1}{16}$	.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

Inserted Point Saws.



On pages 14, 15, 16 and 18 will be found sectional cuts of this saw, with the Points and Shanks engraved to show their actual sizes.

ADVANTAGES

In Using the Simonds Inserted Point Saw.

Simonds Adjustment.

Better Bearing for Point,

Stands Heavy Feed

Good Clearance for Sawdust.

Point can be Swaged in Plate (with reasonable care)

Point Easily Inserted or Removed, yet Firmly Secured in Plate.

More Wear to Point.

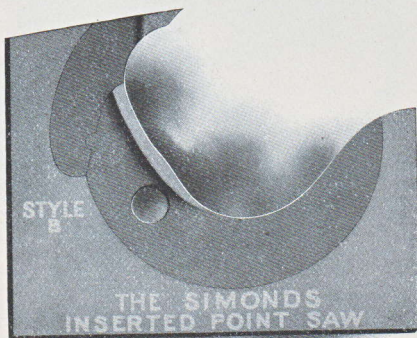
Runs Well in Frozen Timber.

Strongest Point

Simplest and Most Positive Wrench.

Point and Shank *Machine Milled.*

Inserted Point Saws.

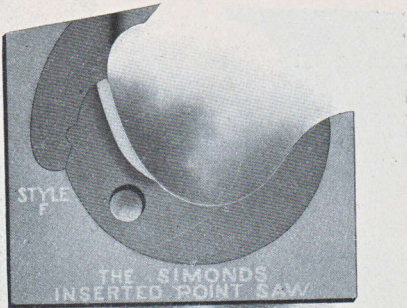


STYLE B. FOR MEDIUM TOOTH SAWS.

The number of teeth for B Saws shown on page 17.

On page 15 we show our Style F, by use of which a larger number of teeth can be inserted in the plate.

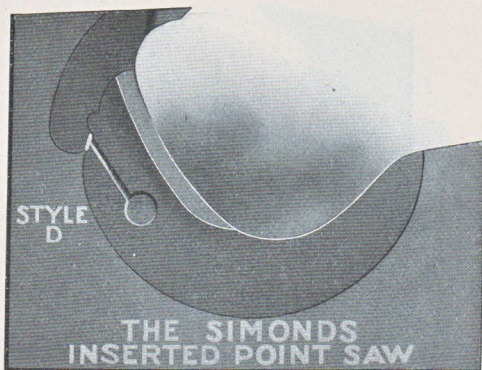
Inserted Point Saws.



STYLE F, FOR FINE TOOTH SAWS.

On page 14 we show our Style B for medium tooth saws.

Simonds Inserted Point Saw.



STYLE D, FOR COARSE TOOTH SAWS.

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 pages 14 and 15 are shown Styles B and F, for saws requiring a greater number of teeth.

Inserted Point Saws.

Styles B., F. and D.

Diameter.	Thickness.	No. of Teeth in Saw.	Price.	Extra for each additional Gauge (heavier).	Price for Beveling, extra, per Gauge.
12 inch.	11 gauge	10	\$18.00	\$0.17	\$0.35
14 "	11 "	10	21.00	.21	.40
16 "	11 "	12	24.00	.25	.50
18 "	11 "	14	27.00	.30	.60
20 "	11 "	16	31.00	.35	.70
22 "	11 "	18	35.00	.45	.80
24 "	11 "	20	39.00	.55	.90
26 "	10 "	22	43.00	.65	1.05
28 "	10 "	24	47.00	.80	1.20
30 "	10 "	24	52.00	.90	1.30
32 "	9 "	28	57.00	1.00	1.40
34 "	9 "	28	62.00	1.20	1.55
36 "	8 "	30	68.00	1.40	1.70
38 "	8 "	32	73.00	1.75	1.85
40 "	8 "	34	80.00	2.00	2.00
42 "	8 "	34	86.00	2.50	2.20
44 "	7 "	36	95.00	3.00	2.40
46 "	7 "	36	103.00	3.50	2.60
48 "	7 "	from 24 to 40	113.00	4.00	2.80
50 "	7 "	" " " 42	127.00	4.50	3.00
52 "	6 "	" " " 44	148.00	5.00	3.25
54 "	6 "	" " " 46	165.00	6.00	3.50
56 "	6 "	" 30 " 48	190.00	7.00	3.75
58 "	6 "	" " " 50	210.00	8.00	4.05
60 "	5 "	" " " 52	230.00	9.00	4.35
62 "	5 "	" " " 52	250.00	10.00	4.65
64 "	5 "	" " " 54	275.00	12.00	5.00
66 "	5 "	" " " 56	300.00	15.00	5.35
68 "	5 "	" " " 56	325.00	18.00	5.75
70 "	4 "	" " " 58	355.00	21.00	6.15
72 "	4 "	" " " 60	390.00	24.00	6.55

The above list gives the standard number of teeth for different sizes edger and board saws, Style B.

Two extra Shanks, and 100 Points, furnished with each saw 46 inches in diameter and less.

One Wrench, 6 extra Shanks, and 200 extra Points, furnished with each Saw 48 inches in diameter or over.

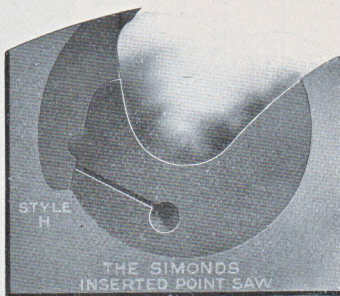
Extra points, 3 cents each.

Shanks, 30 cents each.

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

Inserted Point Saws.

Style H.



STYLE H, FOR VERY FINE TOOTH SAWS

This style saw is designed to meet the demand for an extremely fine tooth
Inserted Point Saw.

Inserted Point Saws.

Style H.

Diameter.	Thickness.	No. of Teeth.	Price, each.	Extra for each additional Gauge (heavier).	Price for Beveling, extra, per Gauge.
12 in.	11 gauge	14	\$20.00	\$0.17	\$0.35
14 "	11 "	16	24.00	.21	.40
16 "	11 "	18	27.00	.25	.50
18 "	11 "	20	31.00	.30	.60
20 "	10 "	22	35.00	.35	.70
22 "	10 "	24	40.00	.45	.80
24 "	10 "	28	44.00	.55	.90
26 "	9 "	30	48.00	.65	1.05
28 "	9 "	32	53.00	.80	1.20
30 "	9 "	34	58.00	.90	1.30
32 "	8 "	36	65.00	1.00	1.40
34 "	8 "	38	72.00	1.20	1.55
36 "	8 "	40	80.00	1.40	1.70
38 "	8 "	44	86.00	1.75	1.85
40 "	7 "	46	93.00	2.00	2.00
42 "	7 "	48	100.00	2.50	2.20
44 "	7 "	50	110.00	3.00	2.40
46 "	7 "	52	120.00	3.50	2.60
48 "	7 "	54	130.00	4.00	2.80
50 "	6 "	56	150.00	4.50	3.00
52 "	6 "	60	170.00	5.00	3.25
54 "	6 "	62	200.00	6.00	3.50
56 "	6 "	64	225.00	7.00	3.75
58 "	5 "	66	245.00	8.00	4.05
60 "	5 "	68	265.00	9.00	4.35
62 "	5 "	70	290.00	10.00	4.65
64 "	5 "	72	315.00	12.00	5.00
66 "	4 "	76	340.00	15.00	5.35
68 "	4 "	78	370.00	18.00	5.75
70 "	4 "	80	410.00	21.00	6.15
72 "	4 "	82	450.00	24.00	6.55

The above list gives the maximum number of teeth for different sizes edger and board saws.

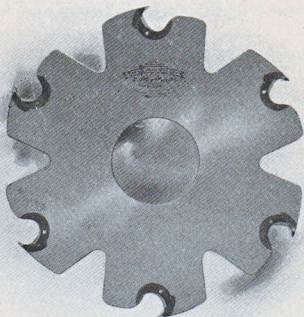
Two extra Shanks, and 100 Points, furnished with each saw 46 inches in diameter and less.

One Wrench, 6 extra Shanks, and 200 extra Points, furnished with each Saw 48 inches in diameter or over.

Extra Points, 3 cents each.

Shanks, 30 cents each.

Rift Saws.



Diameter.	Gauge	4 Teeth.	6 Teeth.
14	8	\$11.50	\$14.50
16	8	12.50	15.50
18	8	14.00	17.00
20	8	15.00	18.00
22	8	17.00	20.00
24	8	19.00	22.00

Above list subject to changes as more teeth are added.



SIMONDS
MANUFACTURING CO.

Solid Tooth

Circular Saws.

Diameter.	Thickness.	Size of Hole.	Price, each.	Extra for each additional Gauge, (heavier.)	Price for beveling new Saws per Gauge.
1 inch.	24 gauge.	3/8	\$0.55	\$0.01	\$0.06
1 1/2 "	24 "	3/8	.60	.01	.07
2 "	23 "	3/8	.65	.01 1/2	.08
2 1/2 "	22 "	3/8	.70	.02	.09
3 "	21 "	1/2	.75	.02 1/2	.10
3 1/2 "	20 "	1/2	.85	.03	.12
4 "	19 "	3/4	1.10	.03	.14
5 "	19 "	3/4	1.30	.04	.16
6 "	18 "	3/4	1.55	.05	.18
7 "	18 "	3/4	1.85	.06	.20
8 "	18 "	7/8	2.20	.08	.22
9 "	17 "	7/8	2.75	.10	.25
10 "	16 "	1	3.30	.12	.28
11 "	16 "	1	3.80	.14	.30
12 "	15 "	1	4.15	.17	.35
14 "	15 "	1 1/8	5.00	.21	.40
16 "	14 "	1 1/8	6.00	.25	.50
18 "	13 "	1 1/4	7.50	.30	.60
20 "	13 "	1 3/8	9.00	.35	.70
22 "	12 "	1 7/8	11.00	.45	.80
24 "	11 "	1 3/8	13.00	.55	.90
26 "	11 "	1 3/8	15.00	.65	1.05
28 "	10 "	1 1/2	17.00	.80	1.20
30 "	10 "	1 1/2	19.00	.90	1.30
32 "	10 "	1 5/8	22.00	1.00	1.40
34 "	9 "	1 5/8	25.00	1.20	1.55
36 "	9 "	1 5/8	28.00	1.40	1.70
38 "	9 "	1 5/8	31.00	1.75	1.85
40 "	9 "	2	36.00	2.00	2.00
42 "	8 "	2	42.00	2.50	2.20
44 "	8 "	2	50.00	3.00	2.40
46 "	8 "	2	60.00	3.50	2.60
48 "	8 "	2	70.00	4.00	2.80
50 "	7 "	2	80.00	4.50	3.00
52 "	7 "	2	90.00	5.00	3.25
54 "	7 "	2	100.00	6.00	3.50
56 "	7 "	2	115.00	7.00	3.75
58 "	7 "	2	130.00	8.00	4.05
60 "	6 "	2	145.00	9.00	4.35
62 "	6 "	2	160.00	10.00	4.65
64 "	6 "	2	180.00	12.00	5.00
66 "	6 "	2	200.00	15.00	5.35
68 "	5 "	2	225.00	18.00	5.75
70 "	5 "	2	255.00	21.00	6.15
72 "	5 "	2	290.00	24.00	6.55
74 "	5 "	2	330.00	27.00	7.00
76 "	5 "	2	375.00	30.00	7.50

No extra charge for saws one gauge thicker than list. Circular saws beveled one gauge without extra charge, up to and including 42 inches; 44 inches and larger, beveled two gauges without extra charge.

Circular Saws 48 inches and larger, if made thinner than 10 gauge, add 10 per cent. for each gauge thinner. These Saws are not warranted.

Shingle and Heading Saws.



Left-Hand Saw

Right-Hand Saw.

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

No warranty on Shingle Saws thinner than 16 gauge.

How to Order Shingle Saws.

In ordering Shingle and Heading Saws, state the name of maker of machine, diameter of saw required, and whether the saw is right or left hand; number of teeth preferred, thickness by gauge on rim. If put on with screws, send one of each size to us, or mark off on paper exact size of screw, so we can drill and countersink saw to fit. We should prefer to have flange sent us; where this cannot be done, send paper impression, *full size* of flange, showing all holes for rivets, screws and mandrel.

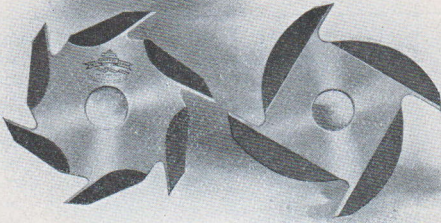
Collars for Shingle, Heading, or Re-Saws.

Cast Iron Flanges, 12 inches to 28 inches in diameter, \$1.50 per inch. Steel Flanges, $\frac{3}{8}$ inch thick at center, or less, \$1.00 per inch.

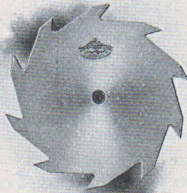
Flanges other than above, special price. Fitting old flange to new saw, \$2.00 each, net.

Lock Corner Cutters.

Prices quoted on application.



Grooving Saws.



Diam.	No. of Teeth.	THICKNESS.						
		$\frac{1}{8}$ in.	$\frac{3}{16}$ in.	$\frac{1}{4}$ in.	$\frac{5}{16}$ in.	$\frac{3}{8}$ in.	$\frac{7}{16}$ in.	$\frac{1}{2}$ in.
4 in.	10	\$1.20	\$1.40	\$1.60	\$2.50	\$3.50	\$4.50	\$5.50
5 "	10	1.55	1.75	2.10	3.00	4.00	5.00	6.00
6 "	12	1.90	2.20	2.70	3.50	4.50	5.50	6.50
7 "	8	2.30	2.70	3.30	4.00	5.00	6.00	7.00
8 "	8	2.70	3.20	3.90	4.75	5.75	6.75	7.75
9 "	8	3.30	3.75	4.50	5.25	6.25	7.25	8.25
10 "	10	3.90	4.50	5.10	6.00	7.00	8.00	9.00
11 "	10	4.50	5.10	5.70	6.50	7.50	8.50	9.50
12 "	12	5.10	5.70	6.25	7.50	8.50	9.50	10.50

We have prepared the above list to cover Grooving Saws with the general number of teeth and the general shape of teeth. Where there is any variation from the number of teeth opposite each size saw, and where the tooth is of different shape from the tooth generally furnished, there will be an extra price.

Advance \$1.00 for every $\frac{1}{16}$ inch in thickness where saws with standard number of teeth are thicker than $\frac{1}{2}$ inch.

Re-Sawing or Siding Saws.

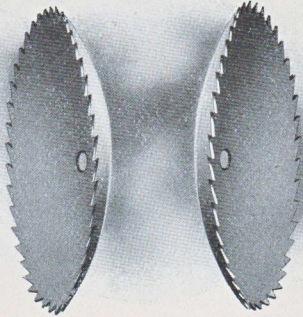
DIAMETER INCHES.	GAUGE.	PRICE.	DIAMETER INCHES.	GAUGE.	PRICE.
16	13 x 17	\$7.50	28	9 x 13	\$20.60
16	12 x 16	7.75	28	9 x 14	21.80
16	11 x 15	8.00	28	8 x 13	22.60
18	12 x 16	9.30	30	9 x 13	22.90
18	11 x 15	9.60	30	9 x 14	24.20
18	12 x 17	9.90	30	8 x 13	25.10
20	12 x 16	11.10	32	9 x 13	26.20
20	11 x 15	11.45	32	9 x 14	27.60
20	12 x 17	11.80	32	8 x 13	28.60
22	11 x 15	13.40	34	9 x 13	29.65
22	10 x 14	13.85	34	8 x 13	31.20
22	11 x 16	14.20	34	8 x 14	32.75
24	10 x 14	15.70	36	8 x 13	34.80
24	9 x 13	16.25	36	8 x 14	36.50
24	10 x 15	16.60	36	7 x 14	39.60
26	10 x 14	18.15	38	8 x 12	36.55
26	9 x 13	18.80	38	8 x 13	38.40
26	10 x 15	19.20	38	7 x 13	42.00

NOTE.—Above Re-saws and all Re-saws are figured by taking Solid Tooth Circular Saw List (page 21), and adding extra gauges heavy, and gauges beveling, we allowing one gauge heavier than the standard gauge as appearing in Circular list, and also beveling one gauge on saws 42 inches in diameter and less, and two gauges on saws 44 inch and over, free of charge.

Edger Saws. (Solid Tooth.)

DIAMETER INCHES.	PRICE.				
	GAUGE 8	GAUGE 9	GAUGE 10	GAUGE 11	GAUGE 12
12	\$5.15	\$5.00	\$4.85	\$4.65	\$4.50
14	6.25	6.05	5.85	5.65	5.45
16	7.25	7.00	6.75	6.50	6.25
18	8.70	8.40	8.10	7.80	7.50
20	10.40	10.05	9.70	9.35	9.00
22	12.35	11.90	11.45	11.00	11.00
24	14.10	13.55	13.00	13.00	13.00

Concave Saws.



Left-Hand Saw.

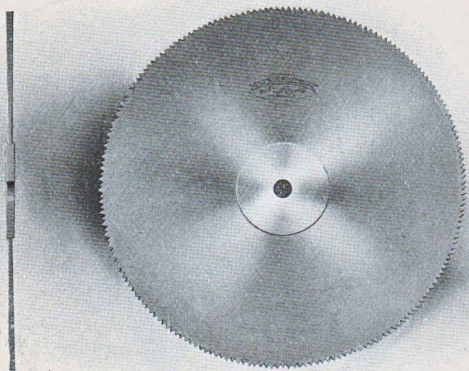
Right-Hand Saw.

When ordering Concave Saws, give circle to be dished to; also which side is to be dished or concaved, right or left hand, as the saw runs towards you.

4 inch, 16 gauge, \$2.20, for each additional gauge, 5 cents extra.											
6	"	16	"	2.20,	"	"	"	"	5	"	"
7	"	15	"	2.60,	"	"	"	"	6	"	"
8	"	15	"	3.10,	"	"	"	"	8	"	"
9	"	15	"	3.60,	"	"	"	"	10	"	"
10	"	14	"	4.50,	"	"	"	"	13	"	"
12	"	14	"	5.90,	"	"	"	"	17	"	"
14	"	13	"	7.20,	"	"	"	"	21	"	"
16	"	13	"	9.00	"	"	"	"	25	"	"
18	"	12	"	10.75	"	"	"	"	30	"	"
20	"	12	"	13.50,	"	"	"	"	35	"	"

Saws concaved to a smaller circle than 16 inch, extra price.

Circular Mitre Saws.



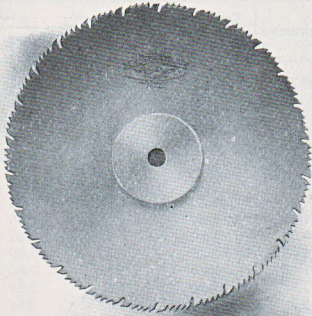
These Saws are ground to run without set, and are especially adapted to smooth cutting, such as cabinet and cigar box work.

Size.	Gauge a" Hole.	Gauge at edge of Collar.	Gauge at Teeth.	Extra for each Gauge heavier than list.	Extra for each addi- tional Gauge Beveling.	Price, each.
4 in.	18	21	18	\$0.05	\$0.14	\$2.50
5 "	17	20	17	.06	.16	3.00
6 "	17	20	17	.08	.18	3.50
7 "	16	19	16	.09	.20	4.25
8 "	16	19	16	.12	.22	4.75
9 "	15	18	15	.15	.25	5.50
10 "	15	18	15	.18	.28	6.00
11 "	14	17	14	.21	.30	6.50
12 "	14	17	14	.25	.35	7.00
14 "	13	16	13	.32	.40	7.75
16 "	13	16	13	.38	.50	8.75
18 "	12	15	12	.45	.60	10.25
20 "	12	15	12	.53	.70	12.25
22 "	11	14	11	.68	.80	15.00
24 "	11	14	11	.83	.90	18.00

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.

Novelty Saws.—Splitting and Cut-Off.



NOVELTY SAWS. CUT-OFF.

These Saws are ground the same as Circular Mitre Saws, page 26, and the list prices are the same.

N. B.—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.

Milling Saws for Metal.

Diameter.	Gauge.	Size of Hole.	Number of Teeth.	Price.	Extra for each additional Gauge Heavy.
2 inch.....	22 x 20	$\frac{1}{2}$	48	\$1.40	\$0.02
3 "	22 x 20	$\frac{1}{2}$	64	1.70	.03
4 "	21 x 19	$\frac{3}{4}$	76	1.90	.04
5 "	20 x 18	$\frac{3}{4}$	88	2.30	.05
6 "	19 x 17	1	96	2.90	.06
7 "	18 x 16	1	104	3.35	.08
8 "	18 x 16	1	110	4.00	.10
9 "	17 x 15	1	116	5.00	.12
10 "	16 x 14	$1\frac{1}{4}$	120	6.25	.15

If these Saws are fitted, special price.

Repairing Circular Saws.

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

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 beard to insure identification at the factory.

Circular Saws for Sawing Slate.

DIAMETER.	GAUGE.	PRICE.	EXTRA FOR EACH GAUGE HEAVY.
14 inch.	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.

Horn and Ivory Saws.

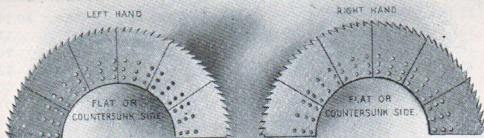
Circular Saws to cut Horn or Ivory, 50 per cent. advance over the price of regular saws.

For Setting and Sharpening Circular Saws.

Diameter.	Splitting.	Cut-Off.	Diameter	Splitting.	Cut-Off.	Diameter	Splitting	Cut-Off.
4 inch.	\$.25	\$.35	28 inch.	\$1.20	\$1.75	52 inch.	\$3.00	\$4.40
6 "	.30	.45	30 "	1.30	1.95	54 "	3.00	4.70
8 "	.35	.55	32 "	1.40	2.05	56 "	3.00	5.00
10 "	.45	.65	34 "	1.60	2.35	58 "	3.00	5.30
12 "	.50	.75	36 "	1.70	2.55	60 "	3.00	5.60
14 "	.60	.85	38 "	1.85	2.75	62 "	3.00	6.00
16 "	.65	.95	40 "	2.00	2.95	64 "	3.00	6.30
18 "	.70	1.05	42 "	3.00	3.15	66 "	3.00	6.60
20 "	.80	1.15	44 "	3.00	3.35	68 "	3.00	6.90
22 "	.90	1.30	46 "	3.00	3.60	70 "	3.00	7.20
24 "	1.00	1.45	48 "	3.00	3.80	72 "	3.00	7.50
26 "	1.10	1.60	50 "	3.00	4.10			

All Circular Mill Saws, 42 inch and over, will be swaged (or set), jointed and nicely fitted *ready for use*, except otherwise ordered. All Cut-off Saws, 20 inch in diameter and over, will be filed and set, for which we charge as above.

Veneering Saws in Segments.



When ordering segments, give gauge or thickness at butt and at tooth edge depth of bevel, diameter of saw that segments are to form, number of segments in saw, depth of segments, number of teeth in each segment, sample of screw by which to drill and countersink, flat or countersunk side, and direction in which teeth run. (See cut)

In ordering for a flange that has been drilled, send a sheet iron or tin templet or a correct tracing, showing holes and other particulars: or one of the old segments, giving the depth they were originally.

		Veneer Saws		Re-Saws	
		10 Ga. and Thinner.		18 Ga. and Thicker.	
12 in. deep, No.	5 gauge, per foot in diameter of Saw,	\$22.40		\$18.95	
12 " " 6	" " " " " "	21.40		18.10	
12 " " 7	" " " " " "	20.40		17.25	
12 " " 8	" " " " " "	19.10		16.15	
12 " " 9	" " " " " "	18.45		15.60	
12 " " 10	" " " " " "	17.80		15.00	

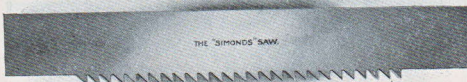
Add 5 per cent. for each additional inch in depth.

Deduct 5 per cent. for each inch under 12 inches in depth.

Rates for Repairing Segment Saws.

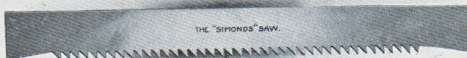
Grinding First and Second Gauge,	\$2.50	per foot in diameter.
each additional Gauge, . . . . .	.56	" "
Hammering, . . . . .	.95	" "
Gumming, . . . . .	.80	" "
Retoothing and Hammering,	2.20	" "

Mulay Saws.



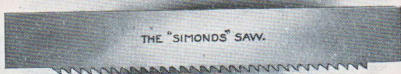
No.	10 in.	11 in.	12 in. wide.	No.	10 in.	11 in.	12 in. wide.
No. 4 gauge,	\$3.15	\$3.50	\$3.85 per foot.	No. 7 gauge,	\$2.40	\$2.75	\$3.00 per foot.
" 5 "	3.00	3.30	3.50 "	" 8 "	2.20	2.40	2.75 "
" 6 "	2.75	3.00	3.30 "	" 9 "	1.90	2.20	2.40 "

Mill Saws.



8 inches wide or less.				
No. 5 gauge,		\$2.20 per foot.	No. 8 gauge,	\$1.75 per foot.
" 6 "		2.10 "	" 9 "	1.65 "
" 7 "		1.90 "	" 10 "	1.55 "

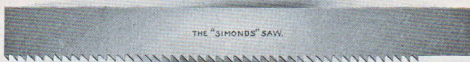
Gang Saws.



Nos. 17 & 18 gauge,	4 1/2 in. wide,	\$0.85 perft.	Nos.	9 gauge,	8 in. wide,	\$1.40 perft.
" 15 "	" 16 "	4 1/2 "	" 8 "	" 8 "	" "	1.60 "
" 17 "	" 18 "	" "	" 14 & 15 "	" 9 "	" "	1.25 "
" 15 "	" 16 "	5 "	" 12 "	" 13 "	" 9 "	1.30 "
" 15 "	" 16 "	6 "	" 10 "	" 11 "	" 9 "	1.30 "
" 15 "	" 16 "	" "	" 9 "	" 9 "	" "	1.50 "
" 13 "	" 14 "	6 "	" 8 "	" 9 "	" "	1.70 "
" 15 "	" 16 "	7 "	" 14 "	" 15 "	" 10 "	1.40 "
" 13 "	" 14 "	7 "	" 12 "	" 13 "	" 10 "	1.45 "
" 14 "	" 15 "	8 "	" 10 "	" 11 "	" 10 "	1.45 "
" 12 "	" 13 "	8 "				
" 10 "	" 11 "	8 "				

Gang Saws with reversed teeth, 10 per cent. advance.
 Tabbing: 4 hole tab, 40 cents; 5 hole, 50 cents, and 6 hole, 60 cents. Wilkin Tab, 80 cents per saw, net; 90 cents per saw, net, when put on.
 Where we punch the holes in ends of saw for tabs, and do not furnish tabs, we charge one cent, net, per hole.
 If swaged only, add 5 cents per foot to list.
 If swaged and fitted, add 10 cents per foot to list.
 Gang Saw Rivets, 20 cents per pound

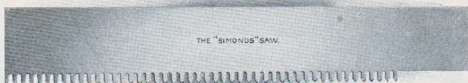
Drag Saws of Equal Width.



	8 in.	9 in.	10 in.	12 in. wide.
8 gauge,	\$1.65	\$1.75	\$1.95	\$2.20 per foot.
9 "	1.55	1.65	1.85	2.10 "
10 "	1.45	1.55	1.75	2.00 "

Saws over 7 feet long use Lance Tooth List.
In ordering, state whether Mill or Cross-Cut Teeth are wanted.

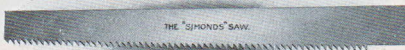
Lance Tooth Drag Saws.



	9 in.	10 in.	12 in.	14 in.	16 in. wide.
5 gauge,				\$4.30	\$4.85 per foot.
6 "					
7 "	\$2.20	\$2.55 per foot.	\$3.50	4.00	4.50 "
8 "	2.00	2.20 "	3.00	3.65	4.20 "
9 "	1.75	2.00 "	2.65	3.30	3.85 "
10 "	1.55	1.75 "	2.40	3.00	
			2.20	2.65	

Saws over 8 feet long, extra price.

Butting or Drag Saws (Taper).



Tapered 10 in. butt,	8 in. point,	No. 8 gauge,	\$1.60 per foot.
" 10 " "	8 " "	" 9 " "	1.55 "
" 9 " "	7 " "	" 8 " "	1.50 "
" 9 " "	7 " "	" 9 " "	1.45 "
" 8 " "	6 " "	" 10 " "	1.25 "
" 8 " "	6 " "	" 11 " "	1.20 "
" 7 " "	5 " "	" 10 " "	1.15 "
" 7 " "	5 " "	" 11 " "	1.10 "
" 7 " "	5 " "	" 12 " "	1.05 "

Five cents, net, per foot extra, when filed or set.
In ordering, state whether Mill or Cross-Cut Teeth are wanted.

Instructions for Ordering.

When ordering *Gang, Mill or Mulay Saws*, give length and width of saw, also thickness by gauge, space or distance of tooth from point to point, and distance from top of saw to first tooth; also distance from bottom of saw to last tooth. Where *Mulay, Mill or Drag Saws* are to be drilled, patterns should be sent showing size and position of holes.

In ordering *Gang Saws*, state whether they shall be tabbed or not, and the style of tabs to be used, also the exact distance between tabs.

Repairing Straight Saws.

GANG SAWS.

Gumming and Hammering,	\$1.00 each.
Hammering, . . . . .	.75 "

DRAG SAWS.

Gumming and Hammering,	\$1.25 each.
Hammering,	1.00 "

MILL, MULAY AND BUTTING SAWS.

Gumming and Hammering,	\$1.00 each.
Hammering, . . . . .	.75 "

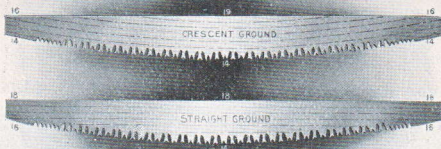
CROSS-CUT SAWS.

Hammering,	10 cts. per foot.
Setting and Sharpening,	10 " " "

All breakages at risk of owner.

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

Crescent-Ground Cross-Cut Saws.



We would call especial attention to the improvement in Cross-Cut Saws described herein, and the advantages derived from this method of manufacture.

All Cross-Cut Saws have heretofore been ground in a straight line from end to end, as shown in the cut marked "STRAIGHT GROUND." As a result a saw made 14 gauge thick at the centre of the edge, and beveled to 18 gauge at the back will be but 16 gauge thick at the edge near the end of the saw; or in other words, *the teeth vary two gauges in thickness on the cutting edge*, as shown in the diagram.

The improvement in the Simonds Crescent-Ground Cross-Cut Saw consists in grinding the saw in crescent lines, parallel to the cutting edge, as shown in the cut marked "CRESCENT GROUND," in which case *the teeth are of even thickness throughout the entire length of saw, while the ends are increased two gauges in thickness*. In consequence the saw can be ground thinner on the back, and it does not bind in the kerf as others do. It requires less set, for each tooth does an equal amount of work, and has equal thickness or strength to hold the set required for clearance. Being two gauges heavier and consequently stiffer at the ends, the operators can push as well as pull without causing it to "buckle;" and for felling trees it has been demonstrated that it has no equal in the market.

Crescent-Ground Cross-Cut Saws.

4 feet long,	\$2.40 each.
4½ feet long,	2.90 each.
5 feet long,	3.50 each.
5½ feet long,	4.10 each.
6 feet long,	4.80 each.
6½ feet long,	5.50 each.
7 feet long,	6.30 each.
7½ feet long,	7.10 each.
8 feet long,	8.00 each.
8½ feet long,	9.00 each.

We guarantee that the Crescent-Ground Saw will cut *ten per cent. more timber, same labor being used*, than any other brand of saws 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.

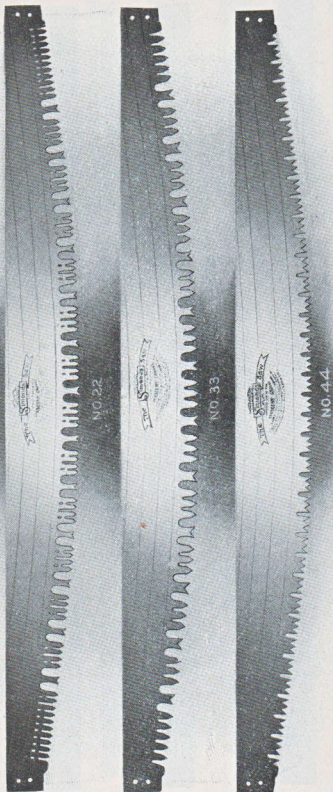
These Cross-Cut Saws are all Crescent Ground.



For prices, see page 35.

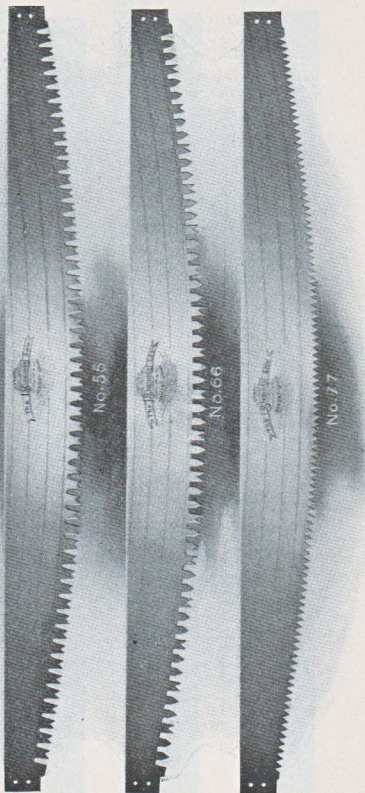
We furnish any Standard Tooth.

These Cross-Cut Saws are all Crescent-Ground.



For prices, see page 35. We furnish any Standard Tooth.

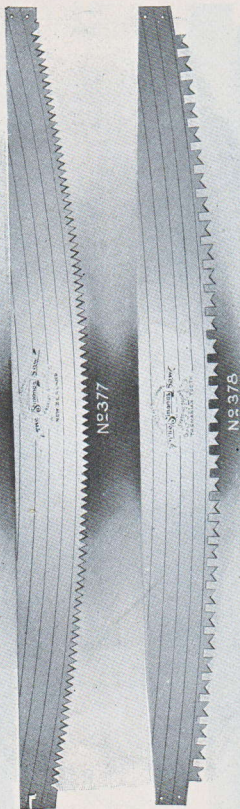
These Cross-Cut Saws are all Crescent-Ground.



We furnish any Standard Tooth.

For prices, see page 32.

These Cross-Cut Saws are all Crescent-Ground. Made especially for the Australian Trade.



For prices, see page 35.

SIMONDS
MANUFACTURING CO.

Crescent Ground Felling Saws.



No 315



No 325

For prices, see page 35.

Bay State Cross-Cut Saws - Thin Back, 14 x 18 Gauge.



No. 203

Length, 4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.	6½ ft.	7 ft.	7½ ft.	8 ft.
List Price, \$3.20	\$3.60	\$4.00	\$4.40	\$4.80	\$5.20	\$5.60	\$6.00	\$6.40



No. 204

Length, 4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.	6½ ft.	7 ft.	7½ ft.	8 ft.
List Price, \$2.24	\$2.52	\$2.80	\$3.08	\$3.36	\$3.64	\$3.92	\$4.20	\$4.48

Bay State Cross-Cut Saws—Thin Back, 14x18 Gauge.



No 205					
Length, 4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.	6½ ft.
List Price, \$2.00	\$2.25	\$2.50	\$2.75	\$3.00	\$3.25
				7 ft.	7½ ft.
				\$3.50	\$3.75
					8 ft.
					\$4.00



No 206					
Length, 4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.	6½ ft.
List Price, \$2.50	\$2.80	\$3.10	\$3.30	\$3.60	\$3.90
					7 ft.
					\$4.20



No 207					
Length, 4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.	6½ ft.
List Price, \$2.00	\$2.25	\$2.50	\$2.75	\$3.00	\$3.25
				7 ft.	7½ ft.
				\$3.50	\$3.75
					8 ft.
					\$4.00

Bay State Cross-Cut Saws Hollow Back.



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



Length, 4 ft.	4½ ft.	5 ft.	5½ ft.	6 ft.	6½ ft.	7 ft.	7½ ft.	8 ft.
List Price, \$1.35	\$1.50	\$1.65	\$1.80	\$1.95	\$2.10	\$2.25	\$2.40	\$2.55

Bay State Cross-Cut Saws—Hollow Back.



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

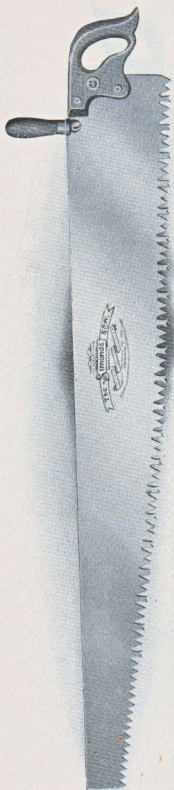
†



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

One Man Cross-Cut Saws.

SIMONDS
MANUFACTURING CO



No. 111 Straight Ground.

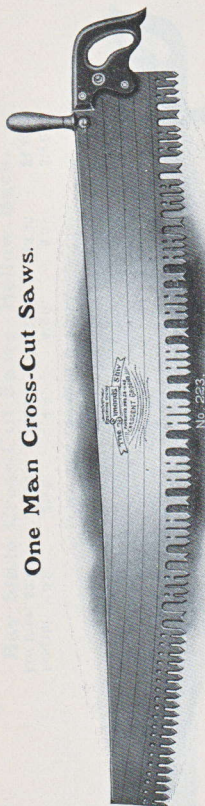
Length, 3 ft.	3½ ft.	4 ft.	4½ ft.	5 ft.	5½ ft.
List Price, \$2.25	\$2.60	\$3.00	\$3.35	\$3.70	\$4.10



No. 222. Straight Ground.

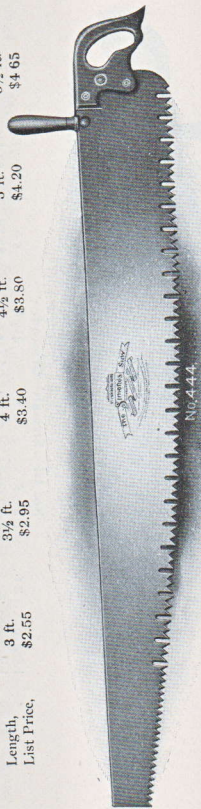
Length, 3 ft.	3½ ft.	4 ft.	4½ ft.	5 ft.	5½ ft.
List Price, \$2.40	\$2.80	\$3.20	\$3.60	\$3.95	\$4.40

One Man Cross-Cut Saws.



No. 223. Crescent Ground.

Length, List Price,	3 ft. \$2.55	3½ ft. \$2.95	4 ft. \$3.40	4½ ft. \$3.80	5 ft. \$4.20	5½ ft. \$4.65
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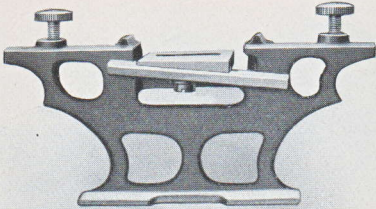


No. 444. Straight Ground.

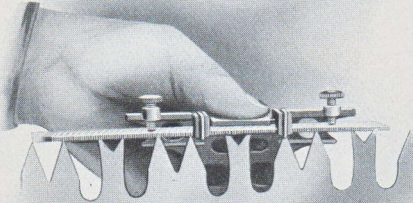
Length, List Price,	3 ft. \$2.40	3½ ft. \$2.80	4 ft. \$3.20	4½ ft. \$3.60	5 ft. \$3.95	5½ ft. \$4.40
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The Simonds Crescent Saw Tools.

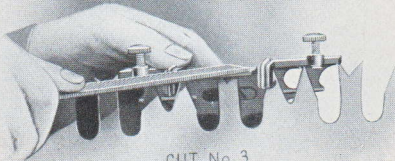
(PATENTED AUG. 29, 1899.)



CUT No. 1.

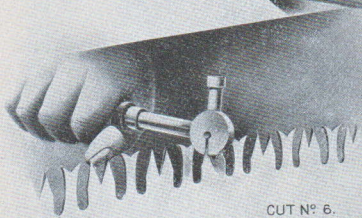
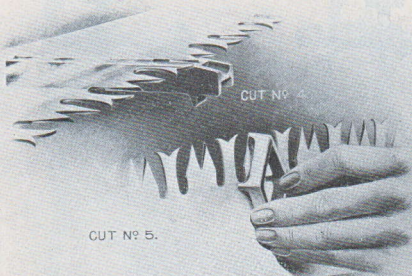


CUT No. 2.



CUT No. 3.

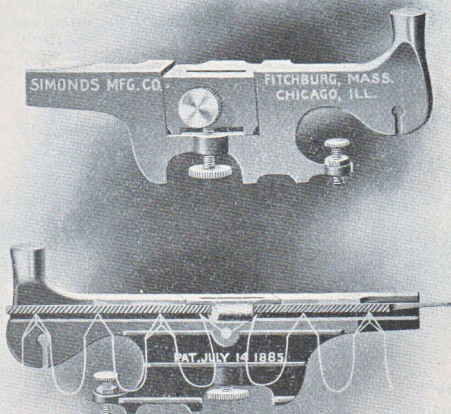
The Simonds Crescent Saw Tools—Continued.



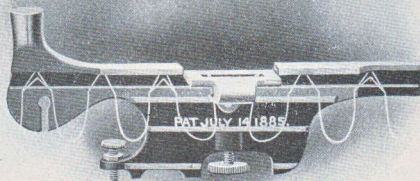
Price, per dozen sets, without hammer,	\$9.00
Drop-forged Tool Steel Hammers, per dozen,	4.80

SIMONDS
Patented Improved Saw Tool.

(For Use in Fitting Cross-Cut Saws.)



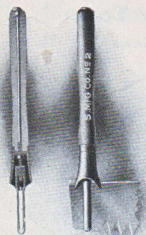
Cut No 1



Cut No 2

Price,

\$9.00 per dozen.

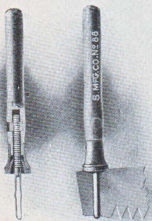


No. 2 Handle

Per pair, \$.37

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. 88.

Loop Handles

Per Pair, \$.20



No. 22

Loop Handles

Per Pair, \$.37



No. 100

Loop Handles

Per Pair, \$.15



No. III

Reversible

Per Pair, \$.14½

Wide Band Saws.



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

Joined and Fitted.

Width.	Usual Gauge.	Price per Foot.
2 inch.	19 to 21	\$0.65
2½ "	17 " 20	0.85
3 "	17 " 20	1.05
3½ "	17 " 19	1.25
4 "	16 " 19	1.45
4½ "	16 " 19	1.65
5 "	16 " 19	1.85
5½ "	16 " 18	2.05
6 "	15 " 18	2.25
7 "	15 " 17	2.65
8 "	14 " 16	3.05
9 "	14 " 16	3.45
10 "	14 " 16	3.85
11 "	14 " 16	4.35
12 "	14 " 16	5.00
13 "	13 " 15	6.00
14 "	13 " 15	7.00
15 "	12 " 14	8.50
16 "	12 " 14	10.00
17 "	12 " 14	14.00
18 "	12 " 14	18.00

Band Saws, 2 inches wide and over, thinner than 22 gauge, 20 per cent. advance on above list.

Silver Solder for brazing band saws, 90 cents per ounce.

In ordering Band Saws, state length, width, gauge, space of teeth; also whether right or left hand.

Toothed Blanks furnished at same price as finished saws.

Band Saw Blanks furnished, but not warranted.

Double Edge Band Saws, extra price.

Narrow Band Saws.



Width.	Usual Gauge.	No. of Teeth to Inch.	Price per Foot.
$\frac{1}{8}$	22 or 23	6 or 7	\$0.07
$\frac{3}{16}$	21 or 22	6	.07
$\frac{1}{4}$	20 to 22	5 or 6	.07
$\frac{3}{8}$	20 to 22	4 or 5	.08
$\frac{1}{2}$	20 or 21	$3\frac{1}{2}$ or 4	.10
$\frac{5}{8}$	20 or 21	3, $3\frac{1}{2}$ or 4	.12
$\frac{3}{4}$	20 or 21	$2\frac{1}{2}$ or 3	.14
$\frac{7}{8}$	20 or 21	$2\frac{1}{2}$ or 3	.16
1	19 to 21	{ $\frac{1}{2}$ or $\frac{3}{8}$ " pt. to pt.	.18
$1\frac{1}{4}$	19 to 21	"	.23
$1\frac{1}{2}$	19 to 21	{ 1 or $1\frac{1}{4}$ " pt. to pt.	.28
$1\frac{3}{4}$	19 to 21	"	.34

SETTING AND FILING.—4 cents per foot, less same discount as on Narrow Band Saws.

BRAZING.— $\frac{1}{2}$ in. and less, 20 cents; $\frac{5}{8}$ in. to $\frac{7}{8}$ in., 25 cents; 1 in. to $1\frac{1}{4}$ in., 30 cents; $1\frac{1}{2}$ in., 40 cents; $1\frac{3}{4}$ in. to 2 in., 75 cents.

Prices for Brazing are net.

In ordering, state length, width and gauge; and whether brazed, set and filed

No. 192.

Cabinet Tanged Saws.



Regular width, Straw Colored, Set and Sharpened.

Length, inches,	18	20	22	24	26
Price, per dozen,	\$2.20	\$2.30	\$2.40	\$2.50	\$2.75
Length, inches,	28	30	32	34	36
Price, per dozen,	\$3.00	\$3.30	\$3.60	\$3.90	\$4.20

One inch wide, Straw Colored, Set and Sharpened.

Length, inches,	24	26	28	30	32	34
Price, per dozen,	\$1.70	\$1.80	\$2.00	\$2.20	\$2.40	\$2.60

No. 193.

Thin Back Scroll Saws.



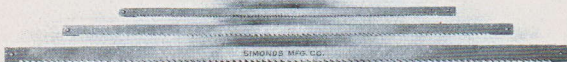
8 inches,	9 inches,	10 inches,	11 inches,	12 inches,	13 inches,
\$1.75	\$2.00	\$2.25	\$2.50	\$2.75	\$3.00 per dozen.
14 inches,	16 inches,	18 inches,	20 inches,	22 inches,	24 inches,
\$3.25	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50 per dozen.

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.

Turning or Chair Webs.

Set and Sharpened Ready for Use.



6 inches.	23 gauge.	\$1.20 per dozen.	$\frac{3}{8}$ to $\frac{1}{4}$ inch wide.
7 "	22 "	1.25 "	$\frac{3}{8}$ " $\frac{1}{4}$ "
8 "	22 "	1.30 "	$\frac{3}{8}$ " $\frac{1}{4}$ "
10 "	22 "	1.35 "	$\frac{3}{8}$ " $\frac{1}{4}$ "
12 "	21 "	1.45 "	$\frac{3}{8}$ " $\frac{1}{8}$ "
14 "	21 "	1.60 "	$\frac{3}{8}$ " $\frac{1}{8}$ "
16 "	20 "	1.80 "	$\frac{1}{4}$ " $\frac{3}{8}$ "
18 "	20 "	2.00 "	$\frac{1}{4}$ " $\frac{1}{2}$ "
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.

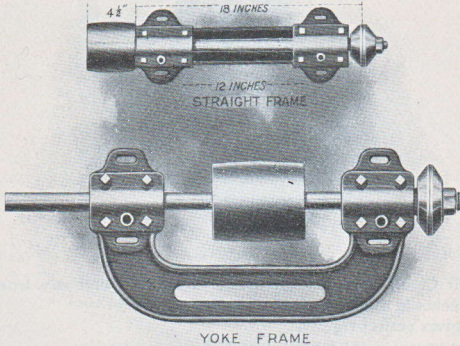
Felloe Webs.

Set and Sharpened Ready for Use.

6 inches.	19 gauge.	\$1.30 per dozen.	$\frac{3}{8}$ to $\frac{1}{2}$ inch wide.
7 "	19 "	1.35 "	$\frac{3}{8}$ " $\frac{1}{2}$ "
8 "	19 "	1.45 "	$\frac{3}{8}$ " $\frac{1}{2}$ "
10 "	18 "	1.60 "	$\frac{3}{8}$ " $\frac{1}{2}$ "
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 "	$\frac{1}{4}$ " $\frac{3}{4}$ "
22 "	17 "	3.30 "	$\frac{1}{4}$ " $\frac{3}{4}$ "
24 "	17 "	3.65 "	$\frac{1}{4}$ " $\frac{7}{8}$ "
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 $\frac{1}{4}$ 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.

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 best possible manner.

No.	Size of Saw, Inches.	Distance from Pulley to Saw, Inches.	Diameter of Pulley, In.	Face of Pulley, Inches.	Diameter of Collar, In.	Diameter of Arbor, In.	Hole in Saw, Inches.	PRICE.	
								Plain Collar.	With Taper Bushings.
1	10	18	4	4½	3	1	7/8	\$9.00	\$10.50
2	14	21	4½	5	3½	1½	1	10.25	12.00
3	18	24	5	5	4	1¾	1½	12.00	13.75
4	24	26	6	6½	4½	1¾	1¾	13.75	15.75
5	28	28	7	7	5	1½	1¾	15.00	17.00
6	36	30	8	8	5½	1¾	1½	17.00	19.25

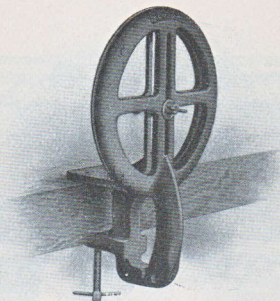
The above six sizes carried in stock of both straight and yoke frame patterns.

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.

SIMONDS
MANUFACTURING CO.

The Fernside Circular Saw Clamp.

Patented December 20, 1898



This Clamp is easily adjusted for any size circular saw from 4½ to 18 inches in diameter.

It gives perfect rigidity.

The operator can make a perfectly smooth tooth.

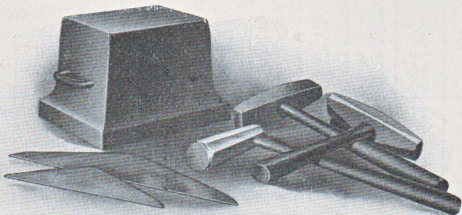
The wear and tear on both saw and file are reduced to a minimum. All vibration is prevented by the rubber cushion.

Price,

\$5.00 each.

Saw Makers' Tools.

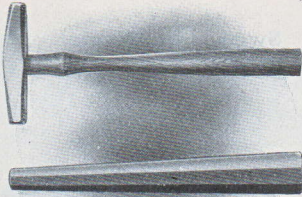
Anvils, Hammers and Straight Edges.



Saw Makers' Anvils,
" " Hammers,
Straight Edges,

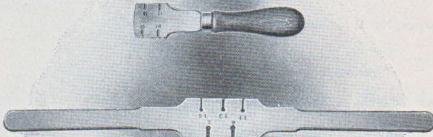
13 cts. per lb.
75 " "
\$1.50 per foot.

Swage Bar and Hammer.



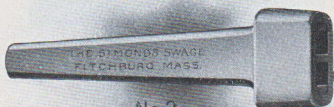
Steel Swage Bar, large size, 12 x 2 x 1 $\frac{1}{8}$ inches,	\$0.65 per lb.
“ “ “ medium size, 12 x 1 $\frac{3}{4}$ x 1 $\frac{3}{8}$ inches,	65 “
“ “ “ small size, 10 x 1 $\frac{3}{8}$ x $\frac{5}{8}$ inches,	65 “
Hammers,	1.00 each.

Saw Sets.

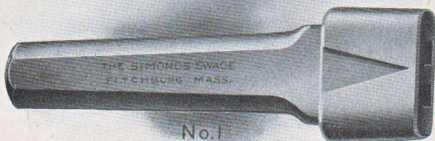


Saw Set, with two handles, for Medium and Large Circulars,	\$1.50
“ “ with one handle, for Small Circulars and Band Saws,	1.00

Swages or Upsets.



No. 2



No. 1

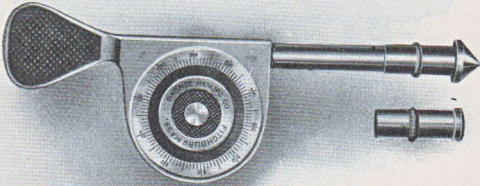
Simonds Swage, No. 1, for Saws 10 gauge and heavier,	\$3.50
“ “ No. 2, “ “ 11 “ “ lighter,	2.50
“ “ (Special) for Wide Band Saws,	2.50

Postage on No. 1 Swage, 17 cents.

“ “ No. 2 “ 8 “

“ “ Special “ 8 “

Speed Indicators.



Per dozen, \$ 12.00



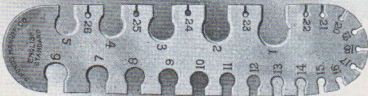
Steel Tape Lines.

3 feet long, per dozen, \$14.00
5 " " " " 18.00



Steel Scales.

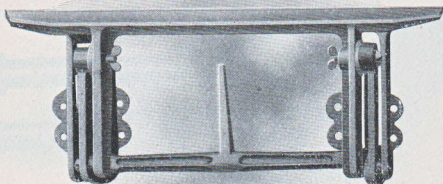
Per dozen, \$4.80



Saw Gauges.

Per dozen, \$15.00

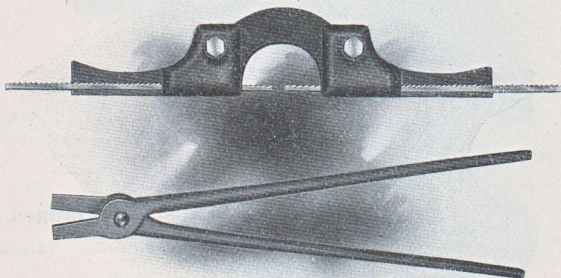
Improved Saw Filing Clamp.



The above cut represents the latest Improved Saw Filing Clamp. It is especially adapted for filing Band, Hand and any other saws, from $\frac{3}{16}$ 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

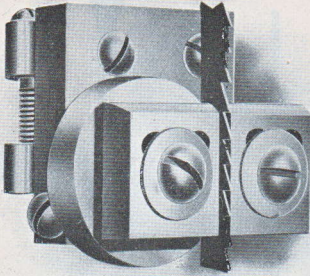
Silver Solder, 90c. per oz.



Band Saw Brazing Clamps, Price, \$2 00 each
Band Saw Brazing Tongs, " 2 00 "

Patent Band Saw Guide.

Patented Aug. 7, 1894; July 16, 1895.



Stationary Guides generate heat by friction. This heat causes saws to expand and crystalize on the back, and is largely responsible for the checking and breaking of saws.

The best Guide yet invented for doing away with this friction, and consequent damage to saws, is the Patent Band Saw Guide (Pineo Patent).

Why this Band Saw Guide is the Best.

Back of Saw rests against hardened steel disc, running on ball bearings. This disc is reversible, doubling the life of the guide.

The side guides are beveled to different widths. By turning them, full support is given to different widths of saws.

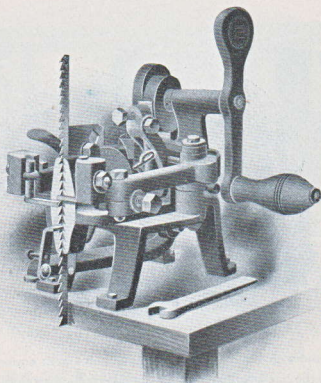
The guide gives better support to the saw than other guides, because the bearings, both at back and on the sides, are nearer the work. It can be used as upper or under guide, and by use of screw or clamp furnished with it, can be easily attached to any machine.

PRICE, \$10.00.

In ordering, state what width saws are used.

Patent Band Saw Setting Machine,

Patented Oct. 20, 1896



Simple in construction. Easy to operate.

Blade set without removing from machine, or at the bench, as desired.

One spring throws two hammers which simultaneously strike the teeth in opposite directions with equal force.

The saw passes through a spring-pressed vise which holds it firmly, but yields readily when the saw is fed or drawn upwards.

Some Reasons Why This Excels all Others.

Striking teeth in opposite directions with hammers of equal force keeps the blade straight and gives very even set.

In this set the teeth do not strike an anvil, therefore the cutting part of the tooth is neither dulled nor injured.

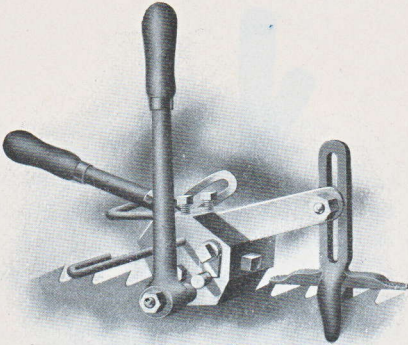
It gives much even set than where the tooth is pressed or crowded, as it is less liable to spring back when the pressure is removed.

The machine is so constructed that the operator can see the amount of set given, and by simply turning a thumb screw can regulate the force of the blow or the amount of set desired.

This machine will set an ordinary saw in from three to five minutes.

PRICE, \$15.00.

Hanchett Hand Swage.



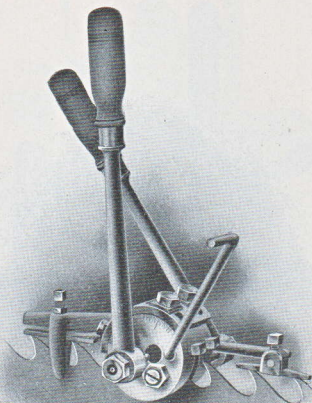
Style A3.

The above cut illustrates the Hanchett Hand Swage for Band or Gang Saws. When ordered for use on gang saws, a fork is furnished that has no forward projection, thus making it more convenient for swaging the last teeth at lower end of saw. For band saws, it is furnished as shown in cut. It is made in three sizes.

No. 1, for saws 11 to 16 gauge,	price, \$33.00
No. 2, for saws 16 to 20 gauge,	" 28.00
No. 3, for saws 19 to 24 gauge,	" 28.00

SIMONDS
MANUFACTURING CO.

White Standard Swage.



The above cut illustrates the White Standard Swage for Band Saws from 12 to 15 gauge. Any shape of band saw teeth in use can be swaged with this swage by properly adjusting the die and anvil.

Price, \$35.00

Machine Knives.

We can give any required temper for any work a Knife has to do, and can continue to give a temper, which has proved right, on all further orders. We have reduced this part of our business to a nicety and precision which enables us to please the most exacting. The manufacture of Knives has become with us a scientific problem, the "hit or miss" method of old having been done away with altogether.

On the succeeding pages will be found illustrated some of the many varieties of Knives which we manufacture. Prices of any kind of Machine Knives will be quoted on application.

KNIVES

for Planing and Moulding Mills. Box Factories, etc.



BEADER MATCHER BITS



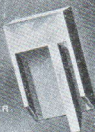
GROOVER BIT



STRAIGHT BIT



SINGLE BEADER
BIT



MILLED MATCHER BITS



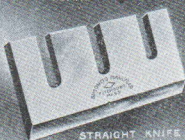
TONGUE AND GROOVE BITS



PLANER KNIFE



SMALL MOULDING
KNIVES



STRAIGHT KNIFE



TEMPERED
MOULDING BLANK



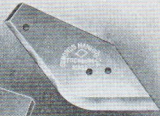
MOULDING KNIFE

KNIVES

for Furniture and Veneer Factories.



EXCELSIOR
KNIFE.



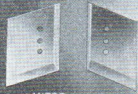
MITRE KNIFE.



BEADER MATCHER
BIT.



GAUGE LATHE KNIFE.



MITRE KNIVES.



OPEN-SLOT PLANER KNIFE.



DOUBLE-CUT.



WASHBOARD KNIFE.



LOOP-SLOT PLANER KNIFE.



CHAIR BOTTOM KNIFE.



VENEER KNIFE.



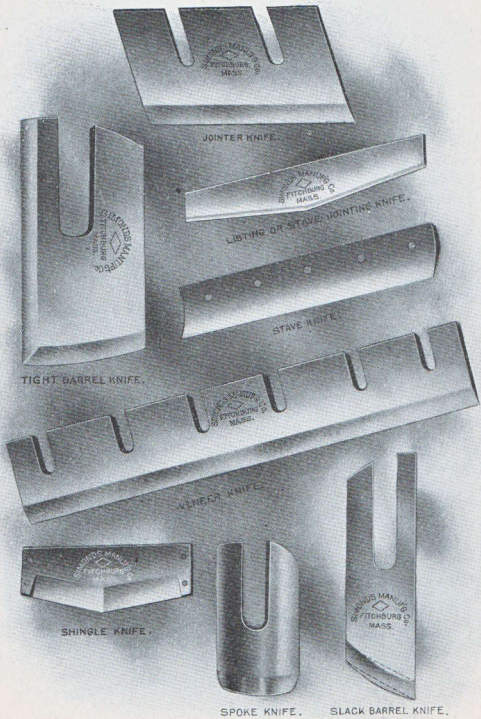
VENEER KNIFE.



COPE CUTTERS

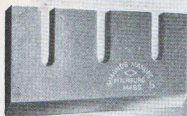
KNIVES

for Coopers and Barrel Manufacturers.



KNIVES

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



BARKER KNIFE.



BARKER KNIFE.



BARKER KNIFE.



CHIPPER KNIFE.



RAG KNIFE.



CHIPPER KNIFE.



STOP CUTTER KNIFE.



PAPER KNIFE.



SHEARS.



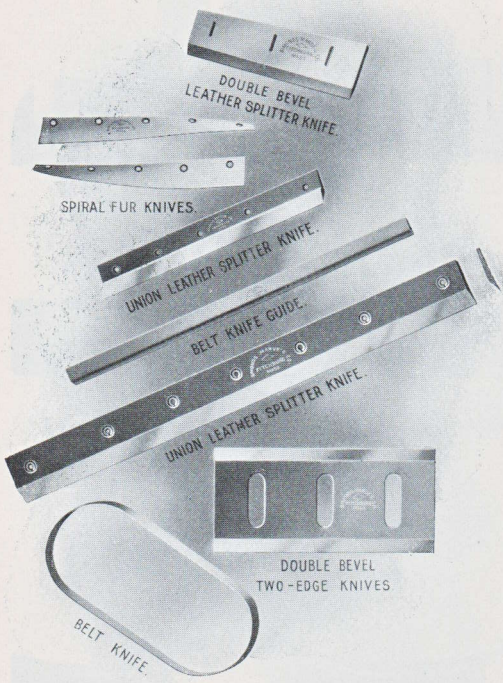
SHEARS.



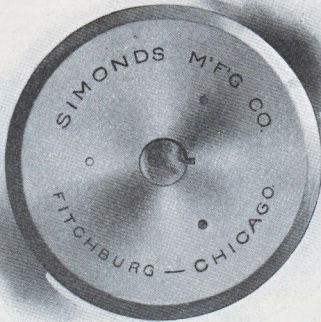
SHEARS.

KNIVES

for Tanneries and Leather Splitters.



Cork Cutters.



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,		\$0.40 per inch in diameter, 14 gauge.		
11 and 12	"	.45	"	12 "
13	" 14 "	.50	"	11 "
15	" 16 "	.55	"	10 "
17	" 18 "	.60	"	9 "
19	" 20 "	.65	"	9 "
21	" 22 "	.70	"	8 "
23	" 24 "	.75	"	8 "
25	" 26 "	.80	"	7 "
27	" 28 "	.85	"	7 "
29	" 30 "	.90	"	6 "
31	" 32 "	1.00	"	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.

Planer Knife Files.

Simonds "Special" Planer Knife Files, 8 in.,	\$5.00 per dozen.
" " " " " 10 in.,	6.50 "

SIMONDS
MANUFACTURING CO

The Simonds Hand Saws.



WRITE FOR SPECIAL CATALOGUE,
(Hardware Edition.)

TELEGRAPH CODE.

PRICES.

SIMANGELUS...At what prices can you furnish?	SIMBOLICHE...We cannot furnish
SIMBLEAU.....At what price and how soon can you furnish?	SIMBULETES...Not less than
SIMBLOT.....Prices are subject to change without notice.	SIMENUS.....Delivery in your city
SIMBOLICA.....We quote you	SIMIADES.....Free on board at
	SIMIANO.....Less freight allowance per 100 pounds of [detail.
	SIMARIUM.....Please send specifications in

Per cent.	DISCOUNTS.	Per cent.
SIMIESQUE..... 2	SIMOOM.....40 & 5	
SIMILABUNT..... 2½	SIMOTES.....40 & 10	
SIMILAGINI..... 3	SIMPATIA.....40, 10 & 5	
SIMILAGO..... 5	SIMPATCHE.....40, 10 & 10	
SIMILARITY..... 7½	SIMPELHAFT.....45	
SIMILIGENO.....10	SIMPELIG.....45 & 10	
SIMILIMO.....15	SIMPLACHO.....45, 10 & 5	
SIMILITUDE.....20	SIMPLARIS.....50	
SIMILMENTE.....25	SIMPLEGADE.....50 & 5	
SIMININOS.....25 & 5	SIMPLES.....50 & 10	
SIMININUM.....25 & 10	SIMPLICABO.....50, 10 & 5	
SIMIOLUM.....25, 10 & 5	SIMPLICAVI.....50, 10 & 10	
SIMITARS.....25, 10 & 10	SIMPLIFIER.....60	
SIMMACHIA.....25, 10 & 12½	SIMPLIFY.....60 & 5	
SIMMETRIA.....25, 10, 12½ & 5	SIMPLISME.....60 & 10	
SIMOKATTA.....25, 10, 12½ & 10	SIMPLISTIC.....60, 10 & 5	
SIMONEGGIA.....30	SIMPLO.....60, 10 & 10	
SIMONIAL.....30 & 5	SIMPOSICA.....65	
SIMONIAQUE.....30 & 10	SIMPALMA.....70	
SIMONIDIS.....30, 10 & 5	SIMPTOSI.....70 & 5	
SIMONIOUS.....30, 10 & 10	SIMPULATOR.....70 & 10	
SIMONISCH.....35	SIMPULUM.....70, 10 & 5	
SIMONIST.....40	SIMSCHEN.....70, 10 & 10	

SIMUL.....10 days net.	SIMULADA.....90 days net.
SIMULABAIS.....30 days net.	SIMULAMES.....2% cash in ten days, or 60 days net.
SIMULACRUM...60 days net.	

TERMS.

ORDERS.

SIMULAMMO...We have entered your order for	SIMULASSI.....Duplicate our order
SIMULANTEM...Enter our order at prices named	SIMULATEUR...Enter our order for
SIMULAR.....Will you accept order	SIMULATION...Send detail specifications
SIMULARAN.....We accept your order	SIMULATORE...We cannot accept your order
	SIMULATRIX...Order confirmed by mail

MISCELLANEOUS.

SIMULAVAMO...See letter of this date
SIMULAVATE...Please reply immediately by telegraph.
SIMULERO.....Your telegram is unintelligible; please repeat.

SHIPMENTS—ANSWERS.

SIMULERONT...Ship via rail	SINAGRIDE.....We made you shipment
SIMULIEREN...Ship via steamer	SINAI.....We completed your order
SIMULION.....Ship via express	SINALISSA.....Shipment was made to
SIMULTANE.....Ship via quickest route	SINALPENDE...Shipment was made by
SIMULTIES.....Ship via quickest route (freight)	SINAMAY.....Shipment was made on
SIMULTY.....We expect to ship to-day	SINANBEG.....We will ship as soon as possible
SIMURG.....We expect to ship	SINAPICAS.....We can make shipment on receipt of order
SINABABA.....We expect to ship order complete [shipment	SINAPINE.....We cannot promise definitely.
SINADELFIA...We expect to make partial	SINAPISAR.....Impossible for us to fill your order in time specified.
SINADELFO...We expect to ship balance of order	

Telegraph Code—Continued.

SINAPISMO.....If ordered immediately, on receipt of order.	SINCELLITA.....Ship to-day what you have ready, and balance at earliest convenience.
SINAPOLINE...Will do our best to ship earlier.	SINCERELY.....Very urgent, rush order.
SINARCHIA ....Please send shipping instructions.	SINCHEISI.....Cancel our order
SINATRO.....We have sent wire tracer after shipment.	SINCLESI.....Cancel balance of order
SINAULIA .....We can ship	SINCOPABAN...Cancel balance of order unless shipped by
SINAXA .....Ship to-day sure	SINCOPAIE.....We are entirely out of
SINCALINE ....Ship to-day or cancel	SINCOPAMMA..We are urgently in need of
SINCAMPE ....Ship as soon as possible	SINCOPANDO...Send wire tracer after shipment
SINCARFA .....Ship on the date specified without fail	SINCOPARON...Get through rate of freight
SINCARPO ....Ship at once any portion of our order	SINCOPASSI...Prepay freight
	SINCOPATO.....Prepay express

SHIPMENTS—QUESTIONS.

SINCOPAVAL...Shall we ship via rail?	SINDICANDO...When and how did you make shipment?
SINCOPESE...Shall we ship via express?	SINDICARON...Shall we prepay freight?
SINDACASSI...When will you ship?	SINDIQUEIS...Shall we prepay express?
SINDACATO...When can you ship?	SINDONIBUS...Shall we cancel unfilled portion of order?
SINDACTILO...Can you ship to-day?	SINDONITE.....Shall we hold for shipping instructions?
SINDATTILL...Can you make shipment by the	SINDRIS.....Shall we make partial shipment, balance later?
SINDESMIA...Can you ship on receipt of order? [trial shipment?]	SINDULPHO...Shall we enter order to be shipped at earliest date possible?
SINDESMO.....When can you make us par-	
SINDICADA...When can you make us complete shipment of our order?	
SINDICADOS...When will you complete our order?	

TIME AND MANNER OF SHIPPING.

SINENDOS.....Express to-day	SINFITO.....Order confirmed by mail
SINEWED.....Freight to-day	SINFODO.....When will you ship order?
SINEWINN...Express as soon as possible	SINFONIA.....If you cannot ship at once, advise by wire.
SINEWING...Freight as soon as possible	SINFULNESS...Customer will cancel if not shipped at once.
SINFISIL...Answer, saying when you can ship.	

CIRCULAR AND MILL SAWS.

SINGANES.....Circular Saws, solid tooth rip.	SINGLARAN...Circular Saws, Veneering Saws in segments.
SINGBAR.....Circular Saws, solid tooth Cutting-off.	SINGLARIA.....Band Saws, 4".
SINGBARES...Circular Saws, solid tooth Shingle	SINGLE.....Band Saws, 5".
SINGCHOR...Circular Saws, solid tooth Heading	SINGLENESS...Band Saws, 6".
SINGENDES...Circular Saws, Inserted Point, Style B.	SINGLEST.....Band Saws, 8".
SINGIDAVA...Circular Saws, Inserted Point, Style D.	SINGLETON...Band Saws, 10".
SINGINGLY...Circular Saws, Inserted Point, Style F.	SINGLING.....Band Saws, 12".
SINGITICUS...Circular Saws, Inserted Point, Style H.	SINGLO.....Band Saws, 14".
SINGKNABE...Circular Saws, solid tooth edgers.	SINGLONES...Gang Saws.
SINGKUNST...Circular Saws, solid tooth re-saws.	SINGLY.....Rift saws.
SINGLADO...Circular Saws, solid tooth top saws.	SINGNATO.....Drag Saws, tapered 8 x 6 in.
	SINGPULT.....Drag Saws, tapered 7 x 5 in.
	SINGRADURA..Drag Saws, tapered 6½ x 4½ inches.
	SINGRAMMA...Drag Saws, equal width, 10 inches.
	SINGRANTE...Drag Saws, equal width, 8 inches.
	SINGSCHULE..Drag Saws, lance tooth.
	SINGSCHWAN..Drag Saws, champ. tooth.
	SINGSTIMME..Drag Saws, V tooth.

Telegraph Code—Continued.

DIAMETER.

Inches.	Inches.	Inches.	Inches.
SINGULAR..... 1	SINISTROUS..... 15	SINOCALLES..... 34	SINOPENSIS..... 62
SINGULARLY..... 2	SINKENDER..... 16	SINOCHE..... 36	SINOPSIS..... 64
SINGULTABO..... 3	SINKWERK..... 17	SINOCLITE..... 38	SINOPTICA..... 66
SINGULTAS..... 4	SINLESSLY..... 18	SINODALE..... 40	SINOSTOSL..... 68
SINGULTOSO..... 5	SINNAKA..... 19	SINODATICA..... 42	SINOTTICHE..... 70
SINGULTOUS..... 6	SINNAMINE..... 20	SINODICHE..... 44	SINOVIA..... 72
SINGVOGEL..... 7	SINNBILD..... 21	SINODITA..... 46	SINOVIALE..... 74
SINIM..... 8	SINNBILDER..... 22	SINODONTE..... 48	SINSABOR..... 76
SINISATTE..... 9	SINNEBLUST..... 23	SINOLOGIST..... 50	SINSONTE..... 78
SINISCALCO..... 10	SINNENRUG..... 24	SINOLOGY..... 52	SINTASSI..... 80
SINISTER..... 11	SINNESART..... 26	SINON..... 54	SINTEMAL..... 82
SINISTERLY..... 12	SINNGRUEN..... 28	SINONOMA..... 56	SINTESISMO..... 84
SINISTRAR..... 13	SINNSPIEL..... 30	SINONOMOS..... 58	
SINISTRO..... 14	SINNVOLL..... 32	SINOPAM..... 60	

GAUGE.

SINETICA..... 26	SINUABUNT..... 19	SINUAVIMUS..... 12	SINUOSITY..... 6
SINETICHE..... 25	SINUAMINIS..... 18	SINUAVIT..... 11	SINUOSORUM..... 5
SINTENDO..... 24	SINUAMINUM..... 17	SINUSSA..... 10	SIoux..... 4
SINTISME..... 23	SINUCAMUS..... 16	SINUSSANO..... 9	SIPABAMUS..... 3
SINTOMO..... 22	SINUANDOS..... 15	SINUEUX..... 8	SIPABAS..... 2
SINTOXIE..... 21	SINUATED..... 14	SINUOSIDAD..... 7	SIPABUNT..... 1
SINUABAMUS..... 20	SINUATO..... 13		
SIPARIUM..... 5 x 5	SIPHUNCLE..... 7 x 12	SIPUIDEM..... 9 x 11	SISMONDINE..... 11 x 12
SIPAVERUNT..... 5 x 6	SIPA..... 7 x 13	SISADERAS..... 9 x 12	SISOMETER..... 11 x 13
SIPAVIMUS..... 5 x 7	SIPONARIUS..... 7 x 14	SISADOR..... 9 x 13	SISTARCA..... 11 x 14
SIPAVISTL..... 6 x 6	SIPONCLES..... 7 x 15	SISALLO..... 9 x 14	SISTEBAMUS..... 11 x 15
SIPEDS..... 6 x 7	SIPONCOLO..... 7 x 16	SISAPON..... 9 x 15	SISTEMAMMO..... 11 x 16
SIPHETH..... 6 x 8	SIPONTI..... 7 x 17	SISAPONEM..... 9 x 16	SISTEMANDO..... 11 x 17
SIPHONAGE..... 6 x 9	SIPONTINI..... 8 x 8	SISAPONIS..... 9 x 17	SISTEMASSI..... 11 x 18
SIPHONUCLE..... 6 x 10	SIPONTINOS..... 8 x 9	SISENNA..... 9 x 18	SISTEMATO..... 11 x 19
SIPHONED..... 6 x 11	SIPONTUM..... 8 x 10	SISGOLA..... 10 x 10	SISTEMAYA..... 11 x 20
SIPHONELLE..... 6 x 12	SIPPAGE..... 8 x 11	SISIATRIA..... 10 x 11	SISTENTIUM..... 12 x 12
SIPHONIDA..... 6 x 13	SIPPHARA..... 8 x 12	SISINES..... 10 x 12	SISTER..... 12 x 13
SIPHONIFER..... 6 x 14	SIPPLED..... 8 x 13	SISINNIUS..... 10 x 13	SISTERHOOD..... 12 x 14
SIPHONING..... 6 x 15	SIPPSCHAFT..... 8 x 14	SISKIN..... 10 x 14	SISTERING..... 12 x 15
SIPHONNER..... 6 x 16	SIPTACHORA..... 8 x 15	SISKIWIT..... 10 x 15	SISTERLESS..... 12 x 16
SIPHONODON..... 7 x 7	SIPUNCULI..... 8 x 16	SISKLANK..... 10 x 16	SISTERLY..... 12 x 17
SIPHONOMA..... 7 x 8	SIPUNCULOS..... 8 x 17	SISLETTERS..... 10 x 17	SISTILO..... 12 x 18
SIPHONOPS..... 7 x 9	SIPUNCULUM..... 8 x 18	SISMAL..... 10 x 18	SISTIMUS..... 12 x 19
SIPHOSTOME..... 7 x 10	SIPYULUM..... 9 x 9	SISMIQUE..... 11 x 11	SISTOLAR..... 12 x 20
SIPHULES..... 7 x 11	SISQUANDO..... 9 x 10		

HAND OF SAWS.

SISTRATOS..... Right hand		SISYGAMBIS..... Left hand	
NUMBER OF TEETH.			
Teeth.	Teeth.	Teeth.	Teeth
SISYMBRIUM..... 4	SITHONIDEN..... 38	SITIVISSET..... 72	SITTSAM..... 160
SISYPHE..... 6	SITHRIK..... 40	SITINAH..... 76	SITUAIS..... 30 to 36
SISYPHEAN..... 8	SITIADOR..... 42	SITOMETRES..... 80	SITUAMMO..... 32 to 38
SISYPHIDA..... 10	SITIALES..... 44	SITONAM..... 82	SITUARAN..... 34 to 40
SISYPHIDES..... 12	SITIANTE..... 46	SITONIBUS..... 84	SITUARONO..... 36 to 42
SISYPHOS..... 14	SITIBUNDAS..... 48	SITOPHAGO..... 86	SITUASSE..... 38 to 44
SISYPHUM..... 16	SITIBUNDO..... 50	SITOPHILE..... 88	SITUASSIMO..... 40 to 46
SITANIARUM..... 18	SITICOMIA..... 52	SITOPHOBIA..... 90	SITUATA..... 42 to 48
SITARCHIA..... 20	SITICULA..... 54	SITOPHYLAX..... 92	SITUATION..... 44 to 50
SITARQUE..... 22	SITICULIS..... 56	SITOT..... 94	SITUAVAMO..... 46 to 52
SITELLARUM..... 24	SITICULOSO..... 58	SITTALMULK..... 96	SITUEMOS..... 48 to 54
SITELLE..... 26	SITIEBAMUS..... 60	SITTE..... 100	SITULARIUM..... 50 to 56
SITFAST..... 28	SITIEBAT..... 62	SITTELLES..... 110	SIVAISTE..... 52 to 58
SITHENI..... 30	SITITOR..... 64	SITTENBUC..... 120	SIVALOURS..... 54 to 60
SITHNIDES..... 32	SITITORIS..... 66	SITTENLOS..... 130	SIXFOLD..... 56 to 62
SITHON..... 34	SITIUNT..... 68	SITTIG..... 140	SIXPENNY..... 58 to 64
SITHONES..... 36	SITIVIMUS..... 70	SITTIGKEIT..... 150	SIXPENNY..... 60 to 66

Telegraph Code—Continued.

POINT TO POINT.

Inches.	Inches.	Inches.	Inches.
SIXTHLY..... $\frac{1}{4}$	SIXTOLD.....1	SKALDISCH..... $1\frac{3}{4}$	SKATINER..... $2\frac{1}{2}$
SIXTIMES..... $\frac{1}{2}$	SKADDON..... $1\frac{1}{4}$	SKARAMUSCH.....2	SKATKARTEN..... $2\frac{3}{4}$
SIXTINUS..... $\frac{3}{4}$	SKAINSMATE..... $1\frac{1}{2}$	SKARDOS..... $2\frac{1}{4}$	SKATPARTIE.....3

DIAMETER OF HOLES.

SKATSPEIL...Standard Mandrel and Pin Holes.

MANDREL HOLES.

Inches.	Inches.	Inches.	Inches.
SKATTISCH..... $\frac{1}{4}$	SKETCHING..... $1\frac{5}{8}$	SKINDEEP..... $2\frac{1}{16}$	SKLAGAMAR..... $2\frac{1}{8}$
SKAYLE..... $\frac{3}{8}$	SKEWED..... $1\frac{3}{8}$	SKINFLINT..... $2\frac{1}{8}$	SKLAVISCH..... $2\frac{7}{8}$
SKEDADDLE..... $\frac{1}{2}$	SKEWERING..... $1\frac{7}{8}$	SKINNERIES..... $2\frac{1}{8}$	SKODIQUE..... $2\frac{1}{8}$
SKEGGER..... $\frac{5}{8}$	SKEWERS..... $1\frac{1}{2}$	SKINNY..... $2\frac{1}{4}$	SKODRA.....3
SKAINS..... $\frac{3}{4}$	SKIATHOS..... $1\frac{5}{8}$	SKIPPERS..... $2\frac{5}{8}$	SKOLOS..... $3\frac{1}{2}$
SKELDER..... $\frac{7}{8}$	SKIDDED..... $1\frac{5}{8}$	SKIPPINGLY..... $2\frac{5}{8}$	SKOPAS.....4
SKELETAL..... $1\frac{1}{8}$	SKIDDING..... $1\frac{1}{2}$	SKIPPON..... $2\frac{7}{8}$	SKOPASIS..... $4\frac{1}{2}$
SKELETON.....1	SKILFUL..... $1\frac{3}{4}$	SKIRMISH..... $2\frac{1}{2}$	SKOTINER.....5
SKELETT..... $1\frac{1}{8}$	SKILFULLY..... $1\frac{3}{8}$	SKIRTED..... $2\frac{3}{8}$	SKRIBBELN..... $5\frac{1}{2}$
SKEPSIS..... $1\frac{1}{8}$	SKILLESS..... $1\frac{7}{8}$	SKIRTING..... $2\frac{5}{8}$	SKRIBENT.....6
SKETCHES..... $1\frac{3}{8}$	SKIMMED..... $1\frac{1}{2}$	SKITTISHLY..... $2\frac{1}{8}$	
SKETCHILY..... $1\frac{1}{4}$	SKIMMIES.....2	SKITTLES..... $2\frac{3}{4}$	

PIN HOLES.

Inches.	Inches.	Inches.	Inches.
SKRIMP..... $\frac{1}{8}$	SKULL..... $\frac{3}{8}$	SKYLAKE..... $\frac{5}{8}$	SKYLLIS..... $\frac{7}{8}$
SKRIPTUR..... $\frac{3}{8}$	SKULPIN..... $\frac{7}{8}$	SKYLARK..... $1\frac{1}{8}$	SKYSCAPE..... $1\frac{1}{8}$
SKRUPEL..... $\frac{1}{4}$	SKURDO..... $\frac{1}{2}$	SKYLES..... $\frac{3}{4}$	SKYWARD.....1
SKULKINGLY..... $\frac{1}{8}$	SKUTE..... $\frac{7}{8}$	SKYLIGHT..... $1\frac{1}{8}$	

SLAAF...Points for all styles of Inserted Tooth Saws.

SHANKS.

SLAASFCH...B style. SLAAGS.....D style. SLAAPBAAS..F style. SLAAPBED...H style.

WIDTH OF POINTS.

Inches.	Inches.	Inches.	Inches.
SLAAPCOUPE..... $\frac{3}{16}$	SLAAPGELD..... $\frac{9}{16}$	SLAAPKLEED..... $1\frac{1}{8}$	SLAAPLUST..... $1\frac{1}{8}$
SLAAPDEKEN..... $\frac{7}{8}$	SLAAPJAK..... $1\frac{1}{8}$	SLAAPKRUID..... $\frac{3}{8}$	SLAAPMUTS..... $1\frac{1}{8}$
SLAAPRANK..... $\frac{1}{4}$			

DIAMETER OF FLANGES.

Inches.	Inches.	Inches.	Inches.
SLAAPPRAT.....16	SLABBINESS..... $21\frac{1}{2}$	SLABRAMMO.....25	SLABRASSI.....27
SLAAPWAGEN.....18	SLABEDDEN.....22	SLABRANDO.....26	SLABRAVAMO.....28
SLABAKKEN.....20	SLABOONEN.....24		

FEED.

Inches.	Inches.	Inches.	Inches.
SLABRAVATE.....1	SLACHTDAG.....3	SLACHTOS.....5	SLADOOD.....9
SLABRIATE..... $1\frac{1}{2}$	SLACHTEN..... $3\frac{1}{2}$	SLACHTVEE.....6	SLAGADER.....10
SLACHTBANK.....2	SLACHTERS.....4	SLACKENING.....7	SLAGBALK.....11
SLACHTBLOK..... $2\frac{1}{2}$	SLACHTGELD..... $4\frac{1}{2}$	SLACKLY.....8	SLAGBALLEN.....12

KINDS OF TIMBER TO BE CUT.

SLAGBEITEL.....	Hardwood.	SLAGGY.....	Hemlock.
SLAGBEUGEL.....	Softwood.	SLAGHOUT.....	Fir.
SLAGBOOM.....	Norway Pine.	SLAGKRUIT.....	Redwood.
SLAGBOOMEN.....	Yellow Pine.	SLAGLICHT.....	All kinds of timber.
SLAGERS.....	Hickory.		

SPEED—REVOLUTIONS PER MINUTE.

SLAGLINIE.....200	SLAGTANDEN.....400	SLAKING.....575	SLANDERING.....750
SLAGNET.....250	SLAGVELDEN.....425	SLAKVORMIG.....600	SLANDEROUS.....775
SLAGNETTEN.....275	SLAGWIEKEN.....450	SLAMATURA.....625	SLANG.....800
SLAGORD.....300	SLAKACHTIG.....475	SLAMMED.....650	SLANGAAL.....825
SLAGPENNEN.....325	SLAKELESS.....500	SLAMMING.....675	SLANGEBEET.....850
SLAGPLAAT.....350	SLAKEST.....525	SLAMPAMPER.....700	SLANGEKOP.....875
SLAGPOMP.....375	SLAKGATEN.....550	SLANDERED.....725	SLANGENHOL.....900

Telegraph Code—Continued.

SLANGENMOS..... 950	SLANKHEID.....1350	SLAPLANT.....1750	SLASCHOTEL ...2500
SLANGENVET.....1000	SLANTINGLY.....1400	SLAPPER.....1800	SLATINESS.....2750
SLANGETAND.....1050	SLANTLY.....1450	SLARGAMMO.....1850	SLATTA.....3000
SLANGETONG.....1100	SLANTWISE.....1500	SLARGANDO.....1900	SLATTARLO.....3250
SLANGLEVEL.....1150	SIAOLIE.....1550	SLARGARONO.....1950	SLATTASTE.....3500
SLANGSTUK.....1200	SLAPELOOS.....1600	SLARGASSI.....2000	SLATTEMPLY.....3750
SLANGVISCH.....1250	SLAPHARTIG.....1650	SLARGAVAMO.....2100	SLATTOLLO.....4000
SLANGWESP.....1300	SLAPHEID.....1700	SLARGAVATE.....2200	

LENGTH.

Fect.	Fect.	Fect.	Fect.
SLAVOCRACY..... ¼	SLEEPVAART.....16	SLICHTMES.....44	SLIVERS..... 72
SLAVONIC..... ½	SLEETSCH.....17	SLICHTPAP.....45	SLOAKAN..... 73
SLAVOPHILE..... ½	SLEETY.....18	SLIDES.....46	SLOANEA..... 74
SLAWINKEL..... ¾	SLEEVELESS.....19	SLIKKEN.....47	SLOBBER..... 75
SLAWORTEL..... ¾	SLEEVES.....20	SLIKMIDDEL.....48	SLOBODA..... 80
SLEALTA..... 1	SLEIDANUS.....21	SLIKPOT.....49	SLOGAN..... 85
SLECHTING..... 2	SLEIGHING.....22	SLIMBEEN.....50	SLOGATURA..... 90
SLEDED..... 3	SLEIGHS.....23	SLIMBEENIG.....51	SLOGGIASSE..... 95
SLEDEBAAN..... 3½	SLEIGHTFUL.....24	SLIMED.....52	SLOKOP.....100
SLEDEBAK..... 4	SLEIGHTLY.....25	SLIMHEID.....53	SLOMBANO.....105
SLEDEBOOM..... 4½	SLEIGHTY.....26	SLIMINESS.....54	SLOMBASSE.....110
SLEDEBOUT..... 5	SLEMPDAG.....27	SLIMING.....55	SLOMBAVANO.....115
SLEDGES..... 5½	SLEMPEN.....28	SLIMISH.....56	SLOMBI.....120
SLEEDOORN..... 6	SLEMPHOUT.....29	SLINGER.....57	SLOMMER.....125
SLEEK..... 6½	SLEMPMAAL.....30	SLINGING.....58	SLONTANANO.....130
SLEEKENED..... 7	SLEMPWEEK.....31	SLIPPERED.....59	SLONTANAVA.....135
SLEEKENING..... 7½	SLENDERLY.....32	SLIPPERILY.....60	SLONTANO.....140
SLEEKNESS..... 8	SLETVINK.....33	SLIPPINESS.....61	SLOOPNAGEL.....145
SLEEKSTONE..... 8½	SLEUF.....34	SLIPSHOD.....62	SLOOPS.....150
SLEEPBOOT..... 9	SLEURTRANT.....35	SLIPSLOP.....63	SLOOT.....200
SLEEPERS..... 9½	SLEUTELBOS.....36	SLIPSTEEK.....64	SLOOTKANT.....300
SLEEPFUL.....10	SLEUTELGAT.....37	SLIPVORMIG.....65	SLOPENESS.....400
SLEEPILY.....10½	SLEUTELS.....38	SLITTAMMO.....66	SLOPEWISE.....500
SLEEPINESS.....11	SLEUVEN.....39	SLITTANDO.....67	SLOPING.....600
SLEEPNET.....12	SLIBACHTIG.....40	SLITTASSI.....68	SLOPINGLY.....700
SLEEPRIJ.....13	SLIBBERIG.....41	SLITTAVAMO.....69	SLOPPY.....800
SLEEPSABEL.....14	SLICHTKAM.....42	SLITTAVATE.....70	SLOPSELLER.....900
SLEEPSCHIP.....15	SLICHTMAAN.....43	SLITTO.....71	SLOPSHOP.....1000

WIDTH.

Inches.	Inches.	Inches.	Inches.
SLORDIG..... ⅛	SLOTPOORT.....2	SLOVENLY.....5	SLUICING.....10
SLOSHED..... ⅓	SLOTPUNT.....2¼	SLOWBACK.....5¼	SLUICY.....11
SLOSHING..... ¼	SLOTREGEL.....2½	SLOWNESS.....5½	SLUIK.....12
SLOTDICHT..... ⅜	SLOTSOM.....2¾	SLUBBERS.....5¾	SLUIKSPIL.....13
SLOTGANGEN..... ½	SLOTING.....3	SLUDGER.....6	SLUIPDEUR.....14
SLOTGAT..... ⅝	SLOTFAST.....3¼	SLUGGARD.....6½	SLUIPEN.....15
SLOTGEVOLG..... ¾	SLOTVONNIS.....3½	SLUGGISH.....7	SLUIPHAVEN.....16
SLOTGFUL..... ¾	SLOUCH.....3¾	SLUGGISHLY.....7½	SLUIPHOLEN.....17
SLOTHFULLY.....1	SLOUCHED.....4	SLUGGY.....8	SLUIPPAD.....18
SLOTHOUT.....1¼	SLOUCHING.....4¼	SLUGHORN.....8½	SLUIPTRAP.....19
SLOTKRAM.....1½	SLOUGHS.....4½	SLUGS.....9	SLUIPWEG.....20
SLOTPLAAT.....1¾	SLOVAQUE.....4¾	SLUICED.....9½	

QUANTITY.

SMACKING.....21	SMAGRATURA.....30	SMALLAGE.....39	SMALLO.....48
SMAGAMMO.....22	SMAGRAVANO.....31	SMALLAMMO.....40	SMALTASTE.....49
SMAGARONO.....23	SMAGRI.....32	SMALLANDO.....41	SMALTATURA.....50
SMAGASSIMO.....24	SMAKSCHIP.....33	SMALLASSI.....42	SMALTE.....51
SMAGAVAMO.....25	SMAKTANDEN.....34	SMALLAVAMO.....43	SMALTENDO.....52
SMAGAVATE.....26	SMALAH.....35	SMALLAVATE.....44	SMALTIMMO.....53
SMAGLIATA.....27	SMALDEEL.....36	SMALLER.....45	SMALTINE.....54
SMAGRANO.....28	SMALKALDIC.....37	SMALLIATE.....46	SMALTISSI.....55
SMAGRASSE.....29	SMALKANT.....38	SMALLNESS.....47	SMALTIIVAMO.....56

Telegraph Code—Continued.

SMALTIVATE..... 57	SMART..... 275	SMEARS..... 900	SMELAVA..... 3500
SMALTOLLA..... 58	SMARTED..... 300	SMECTICUM..... 950	SMELAVANO..... 4000
SMANIANTE..... 59	SMARTELOOS..... 325	SMEEDKUNST..... 1000	SMELIAMO..... 4500
SMANIATURA..... 60	SMARTENED..... 350	SMEEKBEDEN..... 1100	SMELLS..... 5000
SMANICAMMO..... 70	SMARTENING..... 375	SMEEKDICHT..... 1200	SMELTBUS..... 5500
SMANICANDO..... 75	SMARTING..... 400	SMEEKGEBED..... 1300	SMELTERIES..... 6000
SMANICASSI..... 80	SMARTLY..... 450	SMEEKOLEN..... 1400	SMELTERY..... 6500
SMANIGLIA..... 90	SMARTNESS..... 500	SMEERLAP..... 1500	SMELTKETEL..... 7000
SMANNATA..... 100	SMASH..... 550	SMEERPOT..... 1600	SMELTOVEN..... 7500
SMANTELLA..... 125	SMASHED..... 600	SMEERPROP..... 1700	SMELTPUNT..... 8000
SMARGLASSA..... 150	SMASHING..... 650	SMEGMA..... 1800	SMEMBRANO..... 8500
SMARGINANO..... 175	SMATTERER..... 700	SMEGMARIA..... 1900	SMEMBRASSE..... 9000
SMARGINAVA..... 200	SMATTONATO..... 750	SMEGMATL..... 2000	SMEMBRI..... 9500
SMARGINO..... 225	SMATTONAVI..... 800	SMEGMATICO..... 2500	SMEMORAMMO..... 10000
SMARGOTTA..... 250	SMATTONI..... 850	SMEGLASSI..... 3000	

Dozen.	Dozen.	Dozen.	Dozen.
SMEMORANDO..... 1	SMETSOF..... 11	SMIDOLLO..... 40	SMILELESS..... 150
SMEMORASSI..... 2	SMETTELOOS..... 12	SMIDSBAK..... 45	SMILING..... 200
SMEMORATO..... 3	SMETTEVAMO..... 14	SMIDSKOLEN..... 50	SMILINGLY..... 250
SMEMORAVA..... 4	SMETTEVATE..... 16	SMIDSOVEN..... 60	SMILLAGE..... 300
SMENOMI..... 5	SMEULEN..... 18	SMIDSTANG..... 70	SMILODON..... 350
SMENSOLANO..... 6	SMEULING..... 20	SMIDSWAGEN..... 75	SMINTHEA..... 400
SMENSOLAVA..... 7	SMIALORUM..... 25	SMIELA..... 80	SMINTHEUS..... 450
SMENSOLO..... 8	SMIDOLLANO..... 30	SMIELASTE..... 90	SMINUITIVO..... 500
SMENTISTE..... 9	SMIDOLLAVA..... 35	SMIELATURA..... 100	SMIRCHED..... 750
SMETACHTIG..... 10			

CRESCENT GROUND CROSS-CUT SAWS.

No.	No.	No.	No.
SMIRCHING..... 11	SMITHS..... 33	SMOCKLESS..... 77	SODELLI..... 378
SMITHCRAFT..... 12	SMITTEN..... 44	SMOCKS..... 315	SMOGLER.....
SMITHERIES..... 13	SMOBILIANO..... 55	SMODAMENTO..... 325	SMOKABLE.....
SMITHERY..... 22	SMOBILIAVA..... 66	SMODASTI..... 377	SMOKELESS.....

BAY STATE CROSS-CUT SAWS.

No.	No.	No.	No.
SMONTARONO..... 203	SMONTAVAMO..... 205	SMOORPOT..... 207	SMOOTH.....
SMONTATA..... 204	SMONTAVATE..... 206	SMOORVOL.....	SMOOTHED.....

BAY STATE HOLLOW BACK CROSS-CUT SAWS.

No.	No.	No.	No.
SMORBAVAMO..... 210	SMORBO..... 214	SMOTHERS.....	
SMORBAVATE..... 211	SMORTIGNO (thin back)..... 0214	SMOULDERED.....	
SMORBIATE..... 212	SMOSSA.....	SMOULDRY.....	

ONE-MAN SAWS.

No.	No.
SMUDGED..... (Straight ground) 111	SMULKIN.....
SMUDGING..... (" ") 222	SMUNGENDO.....
SMUGGLER..... (" ") 444	SMUNGESSI.....
SMUKKEN..... (Crescent ground) 223	

CROSS-CUT SAW HANDLES.

No.	No.	No.
SMUNGEVAMO..... 2	SMUNGIAMO..... 4	SMUNGO.....
SMUNGEVATE..... 3	SMUNGIATE.....	SMUNTA.....

CROSS-CUT SAW TOOLS.

SMUSICATO..... Simonds Improved.	SMUSICO.....
SMUSICAVA..... Crescent.	SMUSSAMMO.....

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