

THE SIMONDS KNIFE

1912

PRICE LIST

SIMONDS MFG. CO.

MAKERS OF

SAWS

MACHINE KNIVES CRUCIBLE SHEET STEEL · FILES AND HACK SAWS



JANUARY, 1912

CABLE ADDRESS SIMANCO NEW YORK

LIFREDIS

WESTERN UNION

SIMONDS FITCHBURG, MASS.

NEW YORK CITY CHICAGO, ILL. PORTLAND, ORE.

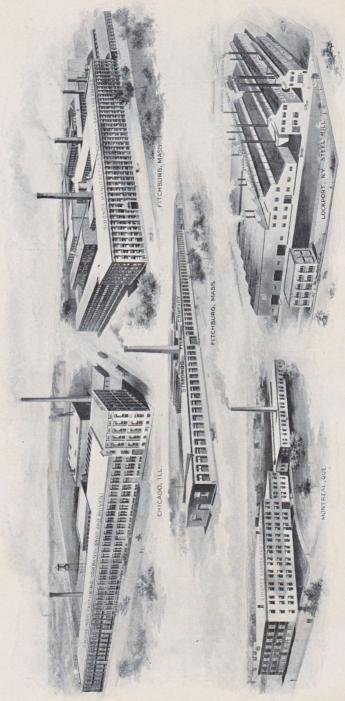
SEATTLE, WASH. SAN FRANCISCO, CAL.

LOCKPORT, N. Y. LONDON, ENG.

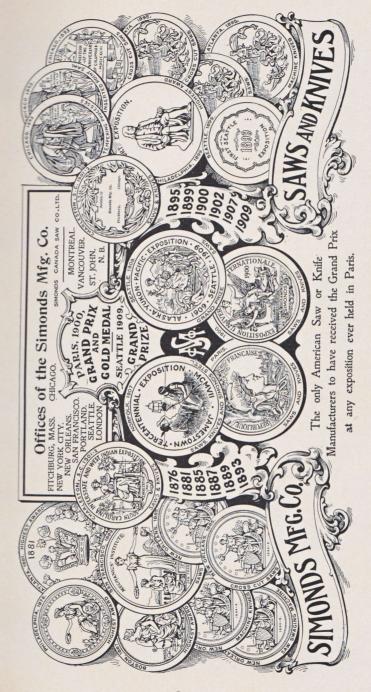
SIMONDS MFG. CO., LTD., NEW ORLEANS, LA.

SIMONDS CANADA SAW CO., LTD.

MONTREAL, P. Q. ST. JOHN, N. B. VANCOUVER, B. C.



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.



Simonds Steel

Why It Excels as a Saw Steel

In the year 1899 the Simonds Mfg. Co. realized, after having been buying the best steel obtainable regardless of price, from the best known makers in the United States as well as in England, that their reputation for high grade Saws depended largely on a uniform high grade of steel. Consequently, in 1900, our own first steel mill was built adjoining our Saw plant in Chicago, but owing to the fact that the quality of our goods has been so well appreciated and increasingly demanded by the public during the last ten years, we were obliged to build a new mill of three times the capacity.

This we did at Lockport, N. Y. in 1910. The location is excellent, equi-distant from our three factories, Fitchburg, Mass., Chicago, Ill., and Montreal, Quebec. Unlimited electric power from Niagara Falls is at our door. Our eighty-three acres of land there is sufficient for future

expansion.

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.

By our method of pouring the steel into molds to form ingots we practically do away entirely with what is called "pipes," that is, air holes in the steel. Your familiarity with edge tools will convince you at once that this eliminates one of the great causes of striking poor spots in the finished article such as result in splits and weakness. The Simonds processes all tend toward Uniformity, Toughness, and Hardness that gives to a tool a keen, sharp-cutting edge.

The Simonds Steel Mill is not permitted to consider cost in any particular until after quality is obtained. We thoroughly believe after twelve years' experience, that the highest grades of cutting edge tools cannot be made without the same careful inspection in making the steel as is used in

finishing the product into saws and machine knives.

Simonds Manufacturing Co.

Executive Offices and Works .			. FITCHBURG, MASS.
Western Avenue and 16th and 17th St			
40 Murray Street			. NEW YORK CITY
85-87-89 First Street			. Portland, Ore.
117-119 Jackson Street .			. SEATTLE, WASH.
12-14 Natoma Street			SAN FRANCISCO, CAL.
8 White Street, Moorfields, E. C.			
Steel Mill			. Lockport, N. Y.
Simonds M 301-303 Tchoupitoulas Street .			
			New Orleans, La.
301-303 Tehoupitoulas Street .	a Saw	Co.,	New Orleans, La.
301-303 Tchoupitoulas Street Simonds Canad	a Saw	Со.,	New Orleans, La. Ltd. Montreal, P. Q.

Simonds File Co.

FITCHBURG, MASS.

Cable Addresses

SIMONDS, Fitchburg.

SIMANCO, N. Y. City.

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

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 Trade Marks



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



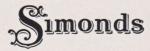
Used on Simonds Manufacturing Company's Knives



Used on all Saws made by us in Canada



Used as a side etch on Simonds Hand Saws



Stamped on all Simonds Hack Saws and Files

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.

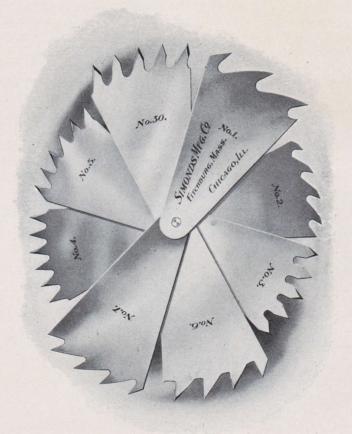
Packages by Mail. Shipments not exceeding four pounds in weight will be forwarded by mail when customers so instruct us, and postage will be charged for same. Such packages may be registered at an additional expense of ten cents.

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

Overdue Accounts subject to sight draft.

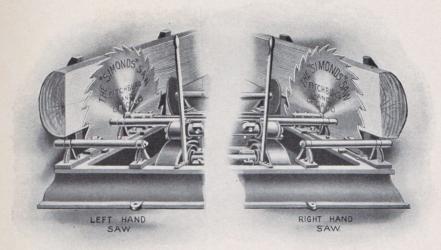
Remittances should be made in funds current at par in New York City, Boston, or Chicago. In case of remittances from abroad the £ sterling being reckoned as equalling \$4.80.

Standard 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.

Right and Left Hand Circular Board Saws



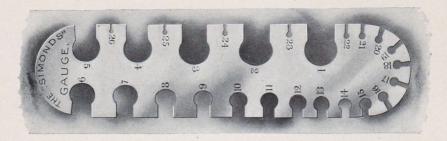
N. B. — Standing in front of a circular saw (with the saw revolving towards you), if the log passes to the right of the saw it is a Right Hand Saw; if to the left, a Left Hand Saw, as shown above.

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.

Saw Gauges



Our Standard Gauge

Gauge	Fraction Inch	Thousandths Inch	Millimeters
	1	1.000	25.40
	7/8	.875	22.225
	3/4	.750	19.05
	5/6	.625	15.875
0000000	1%	.500	12.70
000000	$\begin{array}{c} 1\\ 7/8\\ 3/4\\ 5/8\\ 1/2\\ 15/32 \end{array}$.46875	11.905
00000	7/16	.4375	11.11
0000	13/32	.40625	10.31
000	3/8	.375	9.525
00	11/32	.34375	8.73
0	5/16	.3125	7.94
ĭ	5/16 Scant	.300	7.62
2	9/32	.284	7.21
3	½ Full	.259	6.57
4	1/4 Full 15/64	.238	6.04
5	7/32	.220	5.59
6	13/64	.203	5.18
7	3/16 Scant	.180	4.57
8	5/32 Full	.165	4.19
9		.148	3.76
10	5/32 Scant 1/8 Full	.134	3.40
11	½ Scant	.120	3.05
12	7/64	.109	2.77
13	3/32	.095	2.41
14	5 ₆₄ Full	.083	2.10
15	5/64 Scant	.072	1.82
16	1/16 Full	.065	1.65
17	1/16 Scant	.058	1.47
18	3/64	.049	1.24
19		.042	1.06
20		.035	.89
21	1/32	.032	.81
22		.028	.71
23		.025	.64
24		.022	.56
25		.020	.51
26		.018	.46
27	1/64	.016	.41
28		.014	.36
29		.013	.33
30		.012	.30

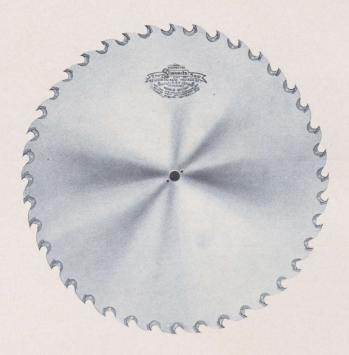
The Standard Number of Teeth in Circular Saws

Diam., Ins.	Splitting	Cut-off	Diam., Ins.	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 I	MILLS RUNNING	SAWS	
Diameter Inches	550 REVOLUTIONS OR LESS 4 INCH FEED OR LESS	600-700 REVOLUTIONS 6 INCH FEED	700-800 Revolutions Over 6 inch Feed	Cut-off
	Splitting	Splitting	Splitting	
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., Ins.	Resaws	Edgers	Diam., Ins.	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		84 to 110
36	48 to 72				
38	48 to 72				

Simonds Inserted Point Saws



On pages 13 and 14 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

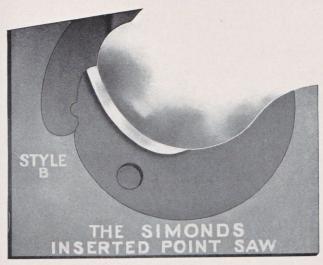
Runs Well in Frozen Timber

Strongest Point

Simplest and Most Positive Wrench

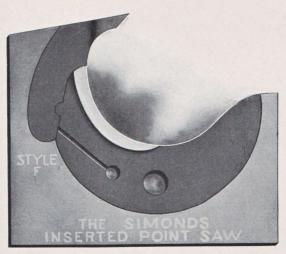
Point and Shank Machine Milled

Simonds Inserted Point Saws



STYLE B, FOR MEDIUM TOOTH SAWS Full Size

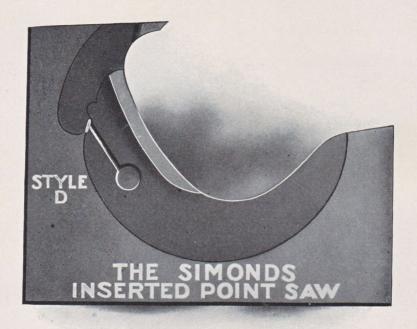
The number of teeth for B Saws shown on page 17.



Style F, for Fine Tooth Saws Full 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.

Inserted Point Saws



STYLE D, FOR COARSE TOOTH SAWS Full 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.

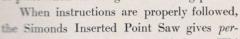
On page 13 are shown Styles B and F, for saws requiring a greater number of teeth.

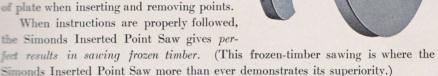
Why Simonds Inserted Tooth Saws are the Best

A saw with changeable teeth retains its size. The Simonds has a large open throat, consequently a good throw-off for the sawdust.

A better cutting edge is obtained, for the separable tooth can be made of a higher temper than a tooth on a solid plate.

The Simonds Point is Machine-made. The "V" is machine-milled at same angle as the receiving V in plate (which is also machine-milled), thus affording a perfect fit the full length and the full depth of V. A uniformity is thus obtained which is impossible in the case of a drop-forged bit. With this perfect fit of point and shank in plate there is no disturbing the regularity of tension of plate when inserting and removing points.





As there is no gumming or filing into the plate of the Inserted Point Saw, the tension of the plate is not disturbed, so the Inserted Point Saw does not need readjusting as often as the solid plate - a great saving in dollars during the life of a saw.

The Simonds Inserted Point Saw differs from other changeable tooth saws in many respects. The only other changeable tooth saws heard of to-day have the bit and shank on the same circle. The Simonds Point and Shank are on two separate circles. This gives a better bearing for the point, for the whole plate is back of the point. In others there is a small shoulder back of the bit — and that is all. More changeable tooth saws (of other makes than the Simonds) break at this shoulder than in any other way.

The Points are held more firmly in plate, thus preventing them from springing sidewise, and keeping the plate from dodging when sawing frozen timber.

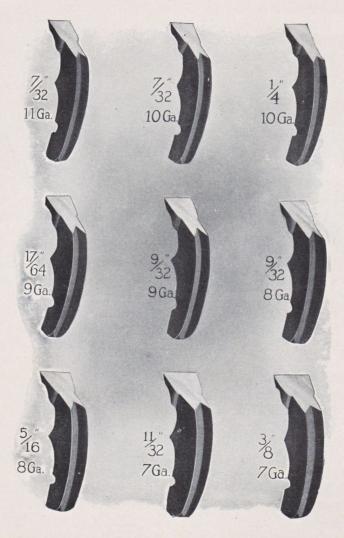
At extreme point the Points have better clearance both from cutting edge downward towards gullet, and from cutting edge backward on the periphery.

The clearance is uniform, so the Points may be worn down full length of swage without side-filing, and without materially varying the width of kerf.

There is very much more wear to Simonds Points than in the bits of other changeable tooth saws.

Simonds Points or Bits

The following illustrations show gauge and width of kerf or cutting edge of our Points. When ordering always specify width and gauge.



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

Simonds Inserted Point Saws

Styles B, F, and D

Dünneter	Thickness	Standard number of teeth in saw	Price	Extra for each gauge heavier	Price for beveling new saws per gauge	Advance list \$1.50 for each additional tootl in saw over
12 inch	11 gauge	10	\$19.00	\$0.20	\$0.35	12
14 "	11 gauge	10	22.00	.25	.40	12
12			25.50	.30	.50	14
16 "	11 "	12	25.50	.50	.50	11
18 "	11 "	14	28.50	.40	.60	16
20 "	11 "	14	32.00	.50	.70	16
99 "	11 "	16	36.50	.60	.80	18
24 "	11 "	18	40.00	.70	.90	20
	10 "	18	44.00	.85	1.05	20
20			48.00	1.00	1.20	22
28 "	10 "	20	48.00	1.00	1.20	22
30 "	10 "	20	52.00	1.15	1.30	22
32 "	9 "	22	58.00	1.30	1.40	24
34 "	9 "	22	63.00	1.50	1.55	24
36 "	8 "	24	69.00	1.80	1.70	26
38 "	8 "	24	74.00	2.00	1.85	26
40 "	8 "	26	80.00	2.30	2.00	28
40	0	20	80.00	2.30	2.00	~0
42 . "	8 "	28	89.00	2.60	2.20	30
44 "	7 "	30	96.00	3.00	2.40	34
46 "	7 "	30	104.00	3.50	2.60	34
48 "	7 "	32	113.00	4.00	2.80	36
50 "	7 "	34	127.00	4.50	3.00	38
52 "	6 "	36	148.00	5.00	3.25	40
-1 "	e "	90	105.00	6.00	3.50	42
94	0	38	165.00	7.00	3.75	44
20	0	40	180.00			46
58 "	6 "	42	200.00	8.00	4.05	40
60 "	5 "	42	220.00	9.00	4.35	46
62 "	5 "	44	245.00	10.00	4.65	48
64 "	5 "	44	275.00	12.00	5.00	48
66 "	5 "	48	300.00	15.00	5.35	52
68 "	5 "	48	325.00	18.00	5.75	52
		52	355.00	21.00	6.15	58
70 "	4 "	32	333.00	21.00	0.10	00
72 "	4 "	52	390.00	24.00	6.55	58

Points, 6c each. Shanks, 60c each. Extra wrenches \$1.00 net, each. Two extra shanks and wrench furnished with Saws 40 inches diameter and less. Three extra shanks and wrench furnished with Saws 42 inches diameter and over. Extra points furnished with Saws: 30 inches diameter and less, 100; 32 to 52 inches, 200; 54 inches and over, 300.

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. 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 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

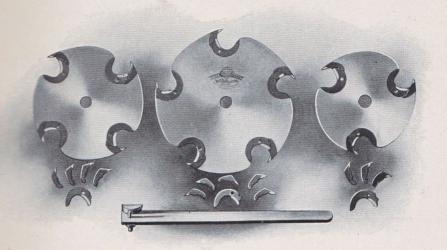
50 points and 1 extra shank furnished with each saw



Simonds Inserted Point Edger Saws

For prices use regular list page 17

Simonds Inserted Tooth Grooving Saws



Price List of Simonds Inserted Tooth Grooving Saws

Used for cutting dados, 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						4	"					\$15.50 17.00 18.00
8	66					5	"					19.50 20.50 22.00
	"					6	"					23.00 25.00

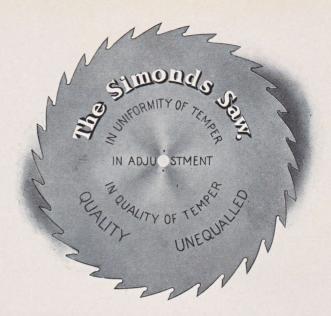
Above list covers saws fitted with points to cut either $\frac{1}{4}$ in., $\frac{5}{16}$ in., $\frac{3}{8}$ in., $\frac{7}{16}$ in., $\frac{1}{2}$ in., $\frac{9}{16}$ in., $\frac{5}{8}$ in., $\frac{11}{16}$ in., or $\frac{3}{4}$ in.

NO EXTRA POINTS OR SHANKS FURNISHED AT ABOVE PRICES

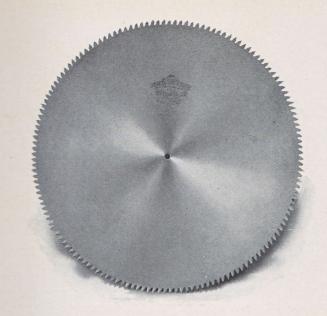
Extra	points	to	cut	$\frac{1}{4}$ in., $\frac{5}{16}$ in., or $\frac{3}{8}$ in.				8	cents	each
**	"	. 66	66	$\frac{7}{16}$ in. or $\frac{1}{2}$ in				12		
66	46	66	66	$\frac{9}{16}$ in. or $\frac{5}{8}$ in				16	66	66
66	66	66	66	$\frac{11}{16}$ in. or $\frac{3}{4}$ in			0	20	66	66
				10	3					

Shanks 60 cents each

Solid Tooth Circular Saws



Diameter Inches	Thickness Gauge	Size Hole Inches	Price Each	Extra for Each Gauge Heavier	Beveling New Saws Per Gauge	Extra for	PRICES Setting and ening if
				Heavier	Ter Gauge	Rip	Cross-cut
1	24	3/8	\$1.00	\$0.01	\$0.06	\$0.03	\$0.04
$\frac{11/2}{2}$	24 23	3/8 3/8	1.00 1.00	.01 .01½	.07	.03	.05 .05
21/2	22	3/8	1.00	.02	.09	.04	.06
$\frac{3}{3\frac{1}{2}}$	21 20	1/2 1/2	1.00 1.00	.02½	.10 .12	.05 .05	.06 .07
4	19	3/4	1.20	.03	.14	.06	.07
5 6	19 18	3/4 3/4	$\frac{1.50}{1.80}$.04	.16 .18	.06 .07	.08
7	18	3/4	2.10	.06	.20	.08	.11
8 9	18 17	7/8 7/8	$\frac{2.40}{2.80}$.08	.22 .25	.10 .11	.13
10	16	1	3.30	.12	.28	.12	.16
11 12	16 15	1 1	$\frac{3.90}{4.40}$.16 .20	.30	.13 .15	.18
14	14	11/8	5.30	.25	.40	.18	.23
16 18	14 13	1½ 1¼	6.50 8.00	.30	.50	.20 .23	.25 .28
20	13	15/16	9.50	.50	.70	.25	.32
22 24	12 11	15/16 13/8	11.50 13.50	.60 .70	.80	.28 .31	.35 .40
26	11	13/8	16.00	.85	1.05	.35	.45
28 30	10 10	1½ 1½	18.50 21.00	1.00 1.15	1.20 1.30	.38	.50 .55
32 34	10 9	15/8 15/8	24.00 27.00	1.30 1.50	1.40 1.55	.45	.60 .65
36	9	15/8	31.00	1.80	1.70	.55	.70
38	9	15/8	35.00	2.00	1.85	.60	.75
40 42	9 8	2 2	41.00 47.00	2.30 2.60	2.00	.65	.80 .85



Solid Tooth Circular Saws Continued

Diameter Inches	Thickness Gauge	Size Hole Inches	Price Each	Extra for Each Gauge	Beveling New Saws	Extra for	PRICES Setting and bening if
Inches	Gauge	Thenes	2401	Heavier	Per Gauge	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 2 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 2	210.00	15.00	5.35		2.00
68	5	2	235.00	18.00	5.75		2.10
70	5 5	2	265.00	21.00	6.15		2.20
72	5	2 2	300.00	24.00	6.55		2.30
74	5	2	340.00	27.00	7.00		2.40
76	5 5	2 2 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 2	730.00	48.00	10.50		3.00

for beveling.

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

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.

Simonds Circular Saws

Made without Hammering

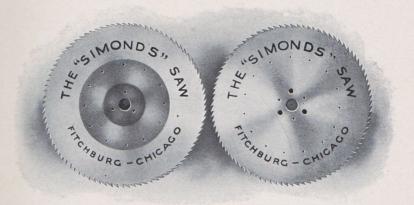
At one time the Simonds Mfg. Co. advertised to make Saws without hammering. Many people questioned the truthfulness of this statement. Some people claimed that when the Saws were under a certain light they could even see hammer marks. Many other people claimed that by the way a Simonds Saw stood up to feed they knew the process under which it was made was quite different from that of any other Saw. We think at this time an explanation of our methods of making a Saw without hammering is in order.

Every Simonds Saw comes away from the tempering furnace perfectly flat; the Saw is flattened at the same time that it is tempered. This relief from undue strains caused by the hardening of the Saw leaves the molecules of the steel in their natural state tempered instead of hammered into a flat condition.

After the Saws are ground it is necessary to put in by hammer such speed as is specified on the order. The Saw is virtually made, however, so far as being hardened, tempered and flattened, before ever a hammer is put on to it; but to put in the speed we do use a hammer. As every filer knows, a saw has to have a certain opening to take up the centrifugal force caused by the stretching of the steel toward the periphery of the Saw occasioned by the speed at which it revolves. Allowance for this has to be made by opening up the Saw toward the center with a hammer.

Our method of straightening the Saw undoubtedly gives much more strength and standing up quality to the 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.

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

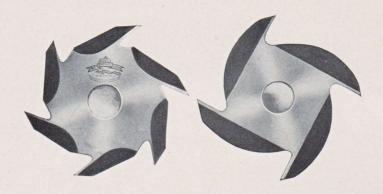
New Cast Iron Flanges for standard makes of shingle machines fitted to new saws, \$1.50 per inch in diameter.

New Steel Flanges 8 inches to 26 inches in diameter, $\frac{3}{8}$ 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



Thi	ekness		1 inch	3 inch	1 inch	5 inch	3 inch	7 inch	½ inch	5 inch	3 inch
Space	of Tee	eth	½ inch	1 inch	1 inch	1½ inches	$1\frac{1}{2}$ inches	13 inches	2 inches	2 inches	2 inches
Diamete	er 3	inch	\$1.60	\$2.20	\$4.00	\$4.60	\$5.20	\$5.80	\$6.40	\$7.50	\$8.50
"	4	"	1.80	2.50	4.80	5.50	6.20	6.80	7.60	8.80	10.00
"	5	"	2.00	2.80	5.60	6.40	7.20	8.00	8.80	10.20	12.00
"	6	"	2.30	3.20	6.40	7.30	8.20	9.10	10.00	11.60	14.00
"	7	66	2.70	3.70	7.20	8.20	9.20	10.20	11.20	13.20	16.00
"	8	"	3.20	4.30	8.00	9.20	10.40	11.60	12.70	15.00	18.00
"	9	"	3.80	5.00	9.00	10.30	11.60	12.90	14.30	16.80	20.00
66	10	"	4.40	5.80	10.00	11.40	12.90	14.40	15.90	18.80	22.00
"	11	46	5.00	6.70	11.00	12.60	14.20	15.90	17.60	20.80	24.00
	12	"	5.70	7.70	12.00	13.80	15.60	17.40	19.20	23.00	26.00
"	14	"	7.00	9.80	14.00	16.00	18.00	20.00	22.00	26.00	30.00
"	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.

Resawing or Siding Saws

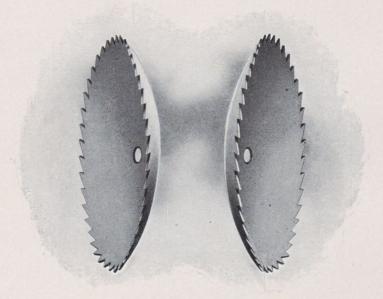
Diameter ! Inches	Gauge	Price	Diameter Inches	Gauge	Price
16	13×17	\$8.00	28	9×13	\$22.10
16	12×16	8.30	28	9×14	23.30
16	11×15	8.60	28	8×13	24.30
18	12×16	9.80	30	9×13	24.90
18	11×15	10.20	30	9×14	26.20
18	12×17	10.40	30	8×13	27.35
20	12×16	11.60	32	9×13	28.20
20	11×15	12.10	32	9×14	29.60
20	12×17	12.30	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			PRICE		
Inches	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

Concave Saws



LEFT HAND SAW

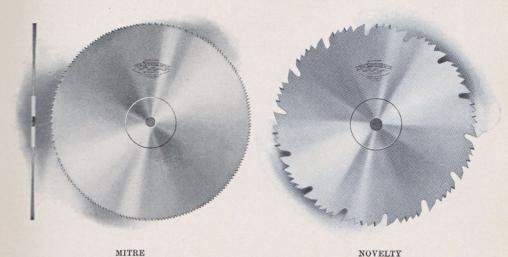
RIGHT HAND SAW

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		cents	
5	66	16	"	2.40	66	66	"	"	5	"	66
5 6	"	16	"	2.50	"	66	"	"	5	"	66
7	"	15	"	2.90	"	"	"	"	6	"	"
Q	66	15	66	3.30	66	66	66	66	8	"	"
8 9	"	15	**	3.80	"	"	" .	"	10	"	"
10	"	14	"	4.60	"	"	"	"	12	"	"
11	66	14	66	5.40	66	66	66	"	16	66	"
12	"	14	"	6.20	"	"	"	"	20	"	"
14	"	13	**	7.60	66	"	"	"	25	"	"
16	66	13	66	9.50	66	66	"	"	30	"	"
18	"	12	"	11.30	"	"	"	"	40	"	"
20	"	12	"	14.20	"	66	"	"	50	"	"

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

Simonds Circular Mitre and Novelty Saws



Novelty Saws are furnished for either cutting off or splitting. When ordering specify which is desired.

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.

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

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
4 5 6	17	20	17	.05	.18	4.20
7	16	19	16	.06	.20	4.80
7 8 9	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.

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

		Gumming	Retoothing	Gri	inding	Setting
Diameter	Hammering	and Hammering	and Hammering	First Gauge	Each Addi- tional Gauge	and Sharpenin
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 6.00
62 "	10.60	16.00	20.00	9.70	5.65	0.00
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

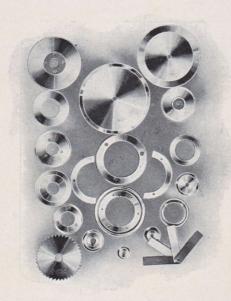
When saw is ground, add price of hammering to price of grinding. Gumming and retoothing prices cover sizes of saws after they have been repaired. All breakages at risk of owner.

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

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 repaired.

Circular Cutters for Paper, Cork Cloth, and Leather



Cork Cutter List

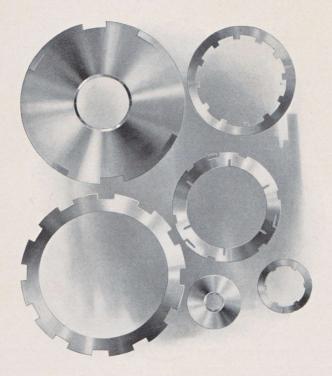
When ordering, give diameter, gauge, size of hole, whether beveled on both sides or only on one, and how deep bevel is to run.

	T	o'	10	inches	\$0.35	per	inch	in	diameter,	14	gauge
11	1	or	12		.40	***	66	"	"	12	"
18	3	66	14	"	.45	"	"	"	"	11	66
1.5	5	"	16	"	.50	"	**	"	"	10	"
17	7	"	18	"	.55	66	"	66	"	9	66
19)	"	20	"	.60	"	66	66	"	9	66
21			22	"	.65	"	"	"	"	8	"
28	3	66	24	"	.70	66	"	66	"	8	66
25	5	"	26	"	.75	"	"	66	"	7	"
27	7	"	28	"	.80	"	"	66	"	7	"
29)	66	30	"	.85	"	"	66	"	6	66
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.

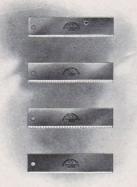




We make to order Discs for disc clutches; crucible sheet steel Discs hardened, tempered, ground and polished in accordance with blueprint, or Cold Rolled Steel Discs punched, or Bronze Discs punched.

We make our own crucible sheet steel, and can satisfy the most exacting as to accuracy of grinding and manufacture and quality of steel used. We invite inquiries from automobile and clutch makers.

Prices on application.



Steel Cutting and Creasing Rule

List Prices

2	point	rule,	or	.029	thick	. 10	cents		
	"					. 12	1 "	66	66
4	"	66	"	.057	"	. 15	66	"	"
6	"	66	66	.083	"	. 20	66	66	66

Name	Height	Thickness	Description
2 Point Cutting	.923 inches	.029 inches	Hard
3 " "	.923 "	.042 "	"
4 " "	.923 "	.057 "	"
6 " "	.923 "	.083 "	"
2 " "	.923 "	.029 "	Hard and Polished
3 " "	.923 "	.042 "	" "
4 " "	.923 "	.057 "	" "
6 " "	.923 "	.083 "	" "
2 " "	.923 "	.029 "	Soft
2 " Scoring	.918 "	.029 "	Hard

Perforating Steel Rule List

List Price, 25 cents per foot

Name		Height		Thickness		Description					
2 Point I	Perforating "	.937	inches .	.029	inches	17 12		to inch,	Hard "	and	Polished
2 "	"	.937	"	.029	"	81	"	"	"		66

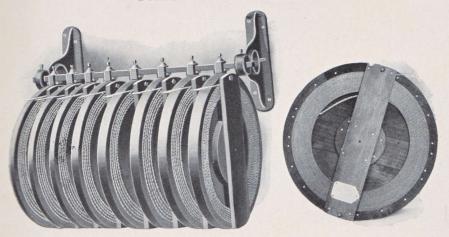
We make all Steel Rule in 30 inch strips unless otherwise ordered, but can furnish in 24 inch strips if desired.

Circular Cutters for Paper, Cloth and Leather

For special prices, write, giving full specifications



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.

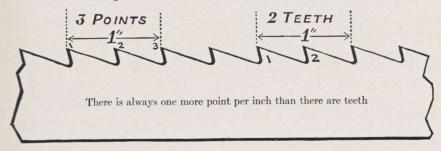
We have originated a Rig for carrying Narrow Band Saws in stock.

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.



Narrow Band Saws



SPECIAL NOTICE—In ordering, state whether saws are wanted brazed, set, and filed

Width, Inches	Usual Gauge	Number of Teeth to Inch	Price per Foot	
1/8	22 or 23	6 or 7	\$0.07	
3 16	21 or 22	6	.08	
$\begin{array}{c} \frac{1}{8} \\ \frac{3}{16} \\ \frac{1}{4} \end{array}$	21 or 22	5 or 6	.09	
3 8	21 or 22	4 or 5	.10	
$\frac{1}{2}$	21 or 22	$3\frac{1}{2}$ or 4	.11	
3/8 1 2 5/8	20 or 21	$3-3\frac{1}{2}$ or 4	.13	
$\begin{array}{c} \frac{3}{4} \\ \frac{7}{8} \end{array}$	20 or 21	$2\frac{1}{2}$ or 3	.15	
7/8	20 or 21	$2\frac{1}{2}$ or 3	.17	
1	20 or 21	$\frac{1}{2}$ " or $\frac{5}{8}$ " pt. to pt.	.19	
$1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$	19 or 20	$\frac{1}{2}$ " or $\frac{5}{8}$ " pt. to pt.	.21	
$1\frac{1}{4}$	19 or 20	$\frac{1}{2}'' \frac{5}{8}''$ or $\frac{3}{4}''$ pt. to pt.	.23	
$1\frac{3}{8}$	19 or 20	$\frac{1}{2}'' \frac{5}{8}''$ or $\frac{3}{4}''$ pt. to pt.	.26	
$1\frac{1}{2}$	19 or 20	1" or 1\frac{1}{4}" pt. to pt.	.29	
$\begin{array}{c c} 1\frac{1}{2} \\ 1\frac{3}{4} \end{array}$	19 or 20	$1''$ or $1\frac{1}{4}''$ pt. to pt.	.32	

Setting and Filing. — 4 cents per foot, less same discount as on Narrow Band Saws.

Brazing. — $\frac{1}{2}$ in. and less, 15 cents; $\frac{5}{8}$ 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.

Simonds Band Saws

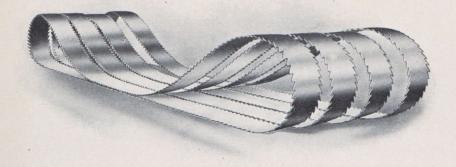
Log Bands and Band Resaws

The Steel used in a Simonds Band Saw is of a special alloy steel, made especially for toughness. The Saws come from the furnace perfectly flat. The molecules of the steel are not destroyed by excessive hammering in places. Consequently, one part of the Saw is as strong as another, and the tension can be rolled into the Saw from one end to the other.

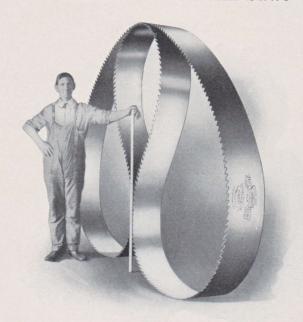
As the Saws are ground with practically no variation in gauge throughout the entire length of the Saw, filers and mechanics will readily appreciate that with this accuracy of manufacture the saw can be kept in such condition that the strains will be divided equally throughout the Saw, and consequently 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.

Our own tests and the letters which we are furnished from many mills where our saws have been used in competition with other makes, seems 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.



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

THAN OTHER SAWS

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



Wide Band Saws



BRAZED AND FITTED

Width	Usual Gauge	Price per Foot
2 inch	18 to 20	\$0.80
2 <u>1</u> "	18 to 20	1.00
3 "	18 to 20	1.20
$3\frac{1}{2}$ "	18 to 20	1.40
4 "	17 to 19	1.60
41/2 "	17 to 19	1.80
5 "	17 to 19	2.00
$5\frac{1}{2}$ "	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.

37

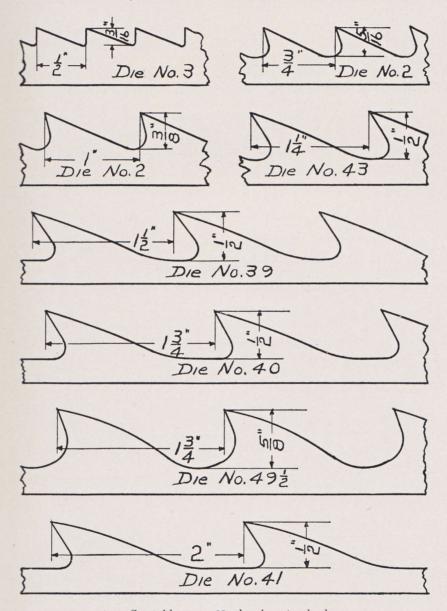
Styles of Teeth in Wide Band Saws

On the two 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												
Width	Gauge	11/4	11/2	134	2	21/4	$2\frac{1}{2}$	3	31/2					
4	17-18-19-20 or 21	43	39	40	41									
$4\frac{1}{2}$	17-18-19-20 or 21	43	39	40	41									
5	17-18-19-20 or 21	43	39	40	41									
6	17-18-19-20 or 21	43	39	40	41									
7	16	43	48	$49\frac{1}{2}$										
7	17-18-19	43	39	40	41									
8	14–15		48	49	50									
8	16	43	48	$49\frac{1}{2}$										
8	17–18	43	39	40	41									
9	14–15		48	49	50									
9	16		48	49										
9	17		48	$49\frac{1}{2}$										
10	14-15		48	49	50									
10	16		48	49										
11	14–15		48	49	50									
11	16		48	49										
12	13		48	49	50	55	55	57						
12	14–15		48	49	50									
12	16		48	49										
13	12-13			49	50	55	55	57	60					
13	14	••	48	49	50									
14	12-13			49	50	55	55	57	60					
14	14		48	49	50									
15	12-13			49	50	55	55	57	60					
16	12-13					55	55	57	60					
17	12-13					55	55	57.	60					
18	12-13					55	55	57	60					

Simonds Band Saws

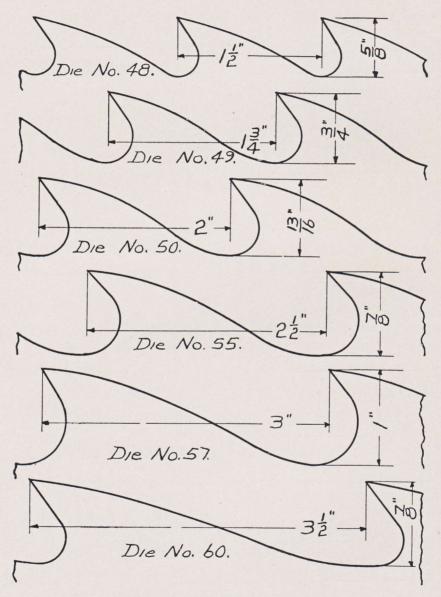
The illustrations herewith show spacing and depth of teeth, also patterns or die numbers commonly used. When ordering please refer to style tooth wanted.



See table, page 38, showing standards

Simonds Band Saws

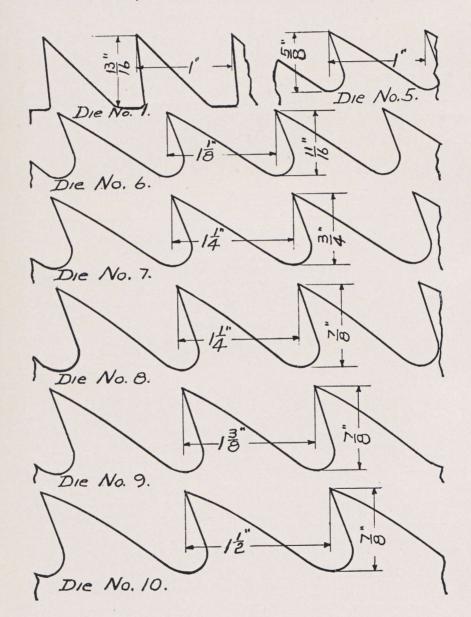
The illustrations herewith show spacing and depth of teeth, also patterns or die numbers commonly used. When ordering please refer to style tooth wanted.



See table, page 38, showing standards

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

THE "SIMONDS" SAW.



				PRICE P	ER 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.

When ordering Gang Saws, give length, width, thickness by gauge, shape and space of teeth, number of teeth in saw, and distance from lower end of saw to point of first tooth. When saws are to be tabbed EXACT DISTANCE between tabs must be given.

Butting or Drag (Saws Tapered)



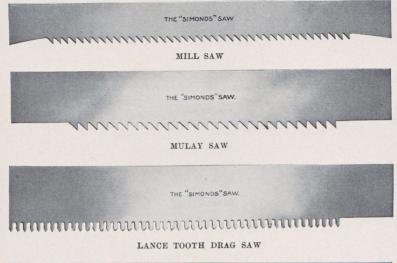
	PRICE PER	FOOT										
Width	THICKNESS											
WIDIN	10 Gauge	11 Gauge	12 Gauge	13 Gauge								
Tapered 8 in. butt 6 in. point 7 " 5 " " 5 " " " 4 " "	\$1.25 1.15 1.05	\$1.20 1.10 1.00	\$1.20 1.05 .95	\$1.20 1.05 .95								

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.

Mill, Mulay, and Drag Saws



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

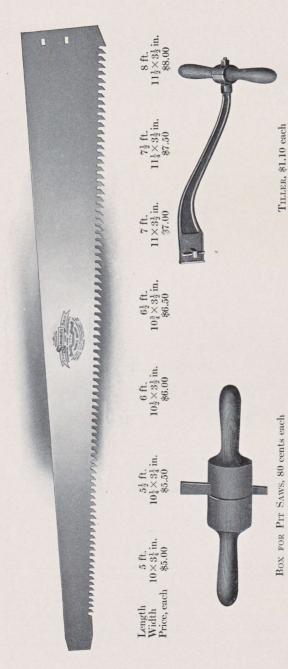
List prices are for saws with Plain, Mill, Champion, or Lance teeth. Saws with special patterns of teeth, special prices.

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

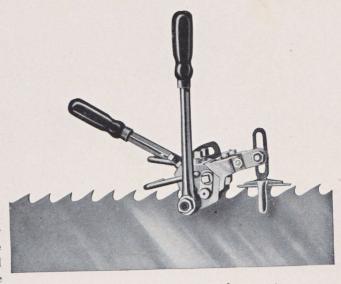


Simonds Whip Saw

THE THE THE PROPERTY OF THE PR $7\frac{1}{2}$ ft. $5\frac{1}{4} \times 2$ in. 84.507 ft. 5×2 in. \$4.20 $6\frac{6}{2}$ ft. $4\frac{3}{4} \times 2$ in. \$3.90 6 ft. $4\frac{1}{2} \times 1\frac{7}{8}$ in. \$3.60 柳 $5\frac{1}{2}$ ft. $4\frac{1}{4}$ in. $4\frac{1}{4}$ in. 83.305 ft. $4 \times 1\frac{1}{2}$ in. \$3.00Length Width Price, each

Hanchett Band Saw Swage

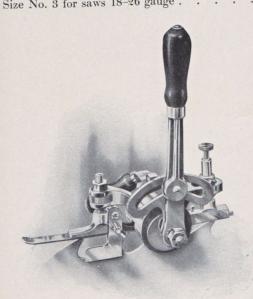
The Hanchett Band Saw Swages are especially adapted for band, band resaw, and gang saws, and have established a reputation for giving complete satisfaction at all times. They are



unusually strong swages, and their construction is simple and compact.

Prices

Size No. 0 for saws	Q_12 cauce						. \$35.00
Size No. 0 for saws Size No. 1 for saws	6-15 gauge .						. 33.00
Size No. 1 for saws	12-16 gauge.						28.00
O' M. O for gowa	16-18 cance				•		
Size No. 2 for saws	18_96 cauce						. 20.00

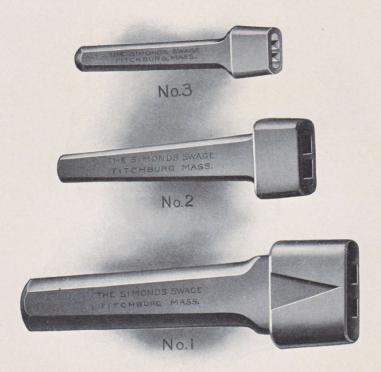


Hanchett Band Swage Shaper

Prices

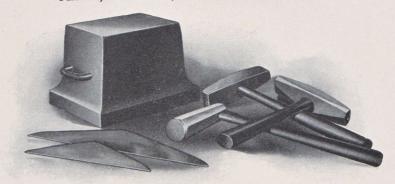
Size No. 1 For saws 10–13 gauge	\$25.00
Size No. 2 For saws 12–18 gauge	\$20.00
Size No. 3 For saws 16–22 gauge	\$20.00

Swages or Upsets



Simonds	Swage,	No.	1, for	saws	10	gai	ıge	an	d l	heav	ier					\$2.75
66	66	No.	2, for	saws	11	gai	ige	an	d l	light	er					2.25
"			3 .													
66	"	(Spec	cial),	for w	ride	bar	nd	saw	S							2.25
	Postage	on N	No. 1	Swag	ge								17	cents	3	
	"		No. 2													
	"		No. 3											66		
			Specia											66		

Saw Makers' Tools Anvils, Hammers, and Straight Edges



Circular and Band Saw Anvils	l Polis	bed				\$0.15 per lb.
Cast Steel Face, Hardened and Saw Makers' Hammers						75 per lb.
Straight Edges						. 1.00 per ft.

Band Saw Anvils. Chilled Face

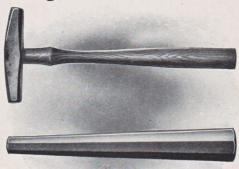
	Size			Approximate Weight	List Price
	$ \begin{array}{c} 6 \times 8 \\ 6 \times 10 \\ 8 \times 8 \end{array} $	5 in 5 5	nches high	75 lbs. 85 " 100 "	\$11.80 13.40 14.00
1	10×12 10×14 12×16	5 5 5	« « « «	160 " 185 " 270 "	21.00 24.50 35.60
1	14×24	5		440 "	58.00

Band Saw Leveling Blocks (surfaced both sides)

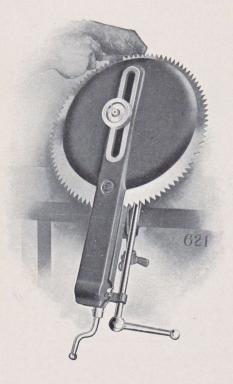
Size	Approximate Weight	List Price					
$\begin{array}{c} 8 \times 36 \times 3 \\ 10 \times 36 \times 4 \\ 10 \times 48 \times 3 \end{array}$	230 lbs. 375 " 360 "	\$17.25 28.15 27.00					
$10 \times 48 \times 4$ $12 \times 48 \times 4$ $12 \times 60 \times 4$	480 " 600 " 770 "	36.00 45.00 57.75					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

Other sizes at proportionate prices

Swage Bar and Hammer



					Swa	ge B	ars m	nad	e w	ith	six	or	eigh	t si	des					
Swage	Bar	No.	1,	11	×1	$\times \frac{1}{2}$	inch												\$2.50	each
"	"	66	2,	11	$\times 1$	$\frac{1}{4} \times \frac{5}{8}$	"												3.00	66
66	"	"	3,	11	$\times 1$	$\frac{1}{2} \times \frac{3}{4}$	66												3.50	"
66	"	"	4,	11	$\times 1$	$\frac{3}{4} \times \frac{7}{8}$	"												4.00	"
Hamm																			1.00	66
		An	y s	ize	or	shap	e of S	wa	ge	Bar	fur	nisl	ned	at s	spec	eial	pri	ce		



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 $\frac{4}{8}$ inch.

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

Simonds Adjustable Saw Set

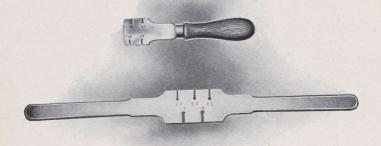




Made in three sizes and provided with an adjustable gauge, which regulates the set and gives absolute uniformity

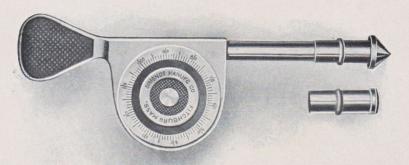
No. 301.	Saw Sets with one handle, for small circulars and band	da aa 1
	saws	\$2.00 each
No. 302.	Saw Sets, medium and large sizes, for medium and large circulars	3.00 each

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

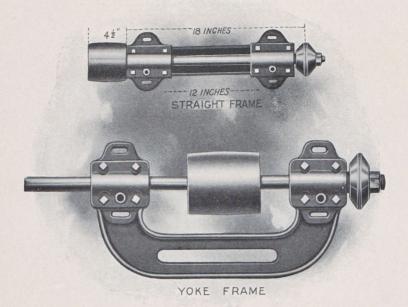
Per dozen \$4.80



Saw Gauges

Per dozen . . . \$15.00

Self-Oiling Saw Arbors



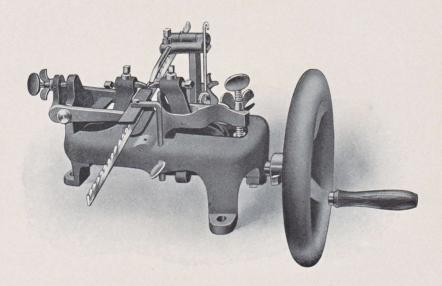
The above cuts represent an Improved Pattern of Saw Arbors with Self-oiling boxes. The bed and boxes are cast together, and are consequently always in line. All end motion is prevented by a number of V-shaped grooves on one of the journals, with corresponding rings in the Babbitt lining of the box. The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

		from	of	Pulley	of	r of Inches	>	PR	ICE
No.	Size of Saw Inches	Distance fr Pulley to S Inches	Diameter o Pulley. In	Face of Pul Inches	Diameter of Collar. Inc	Diameter o Arbor. Inc	Hole in Saw Inches	Plain Collar	With Taper Bushings
1	10	18	4	$4\frac{1}{2}$	3	1	7 8	\$ 9.00	\$10.50
2	14	21	$4\frac{1}{2}$	5	$3\frac{1}{2}$	11/8	1	10.25	12.00
3	18	24	5	5	4	11/4	11/8	12.00	13.75
4	24	26	6	$6\frac{1}{2}$	$4\frac{1}{2}$	$1\frac{3}{8}$	11/4	13.75	15.75
5	28	28	7	7	5	$1\frac{1}{2}$	13	15.00	17.00
6	36	30	8	8	$5\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{3}{8}$ $1\frac{1}{2}$	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 $1\frac{1}{2}$ inches to $\frac{1}{8}$ inch 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.

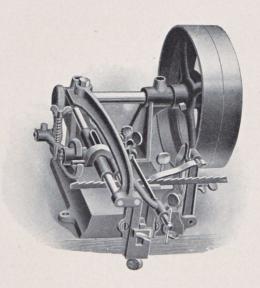
The machine is built on strong principles, and all working parts are manufactured of tempered steel, thus making wearing out impossible.

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 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 eighteen 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 straightshaped files being necessary.

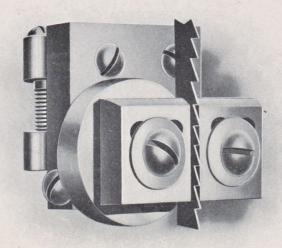
Saws from $\frac{1}{8}$ to $1\frac{1}{2}$ inches wide, and any length, can be filed at the rate of ninety teeth per minute.

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

Price \$25.00

Patent Band Saw Guide

Patented Aug. 7, 1894; July 16, 1895

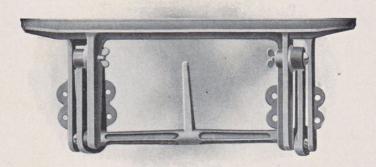


This guide gives better support to the saw than other guides, because the bearings, both at back and on the sides, are nearer the work. It can be used as upper or under guide and by use of screw or clamp furnished with it can be easily attached to any machine.

Price \$10.00

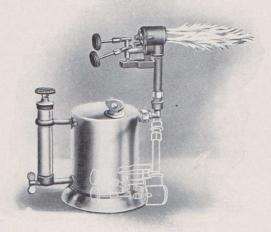
In ordering, state what width saws are used.

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 $\frac{3}{16}$ 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.

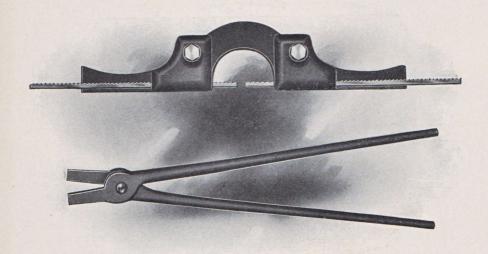
Brazing Lamp



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



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 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 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 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 guarantee is given that the knives furnished will prove entirely satisfactory. We claim to be 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 as used in the Simonds Knives is a specially made crucible steel, made by ourselves in our own steel mill and especially made for knives.

High Speed Steel Knives

We have a special department in our Knife Works devoted to the making of all kinds of high speed steel knives. If you have any planing machine using these we solicit a trial order and believe that we can thoroughly please you.

Simonds High Speed Steel Knives



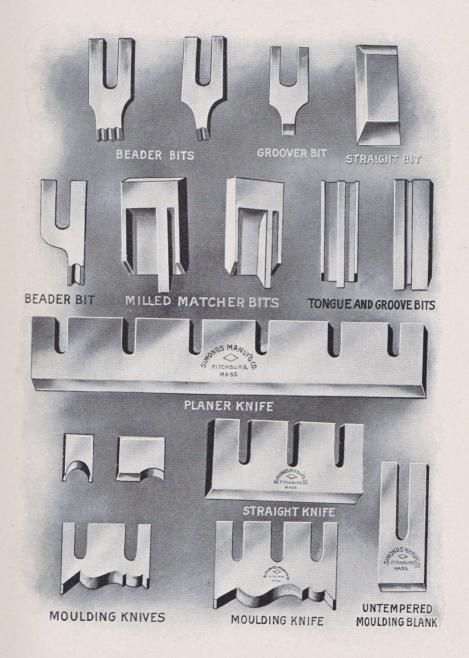
High speed steel usually contains sufficient amounts of the elements Tungsten, Chrome, and in the better grades Vanadium, in addition to the usual constituents of high grade tool steels. These, of course, always contain a large amount of Swedish iron, etc., to produce a mixture when melted that will 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 latter.

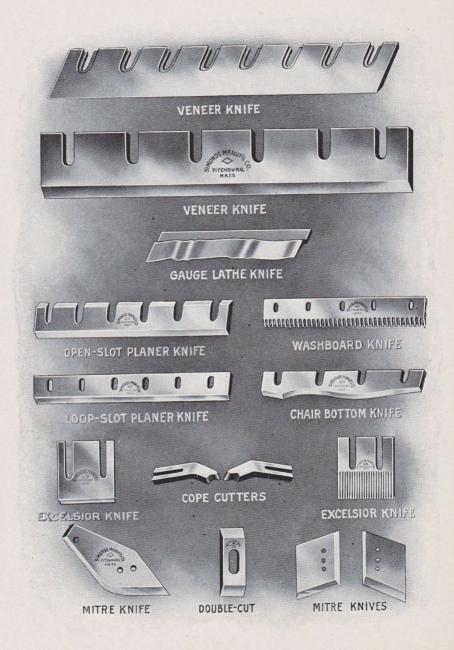
Simonds method of treatment comprises a scientific study together with a practical knowledge gained by actual testing at work covering some three years, and our methods of hardening, tempering, straightening, grinding and balancing have proven by tests that we are considerably ahead of all others and 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.

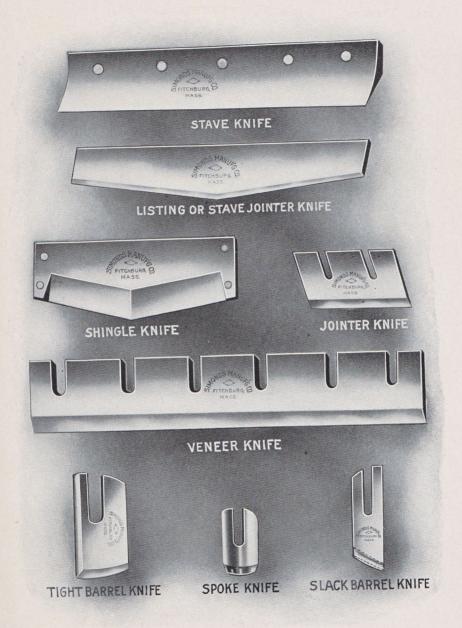
For Planing and Moulding Mills, Box Factories, etc.



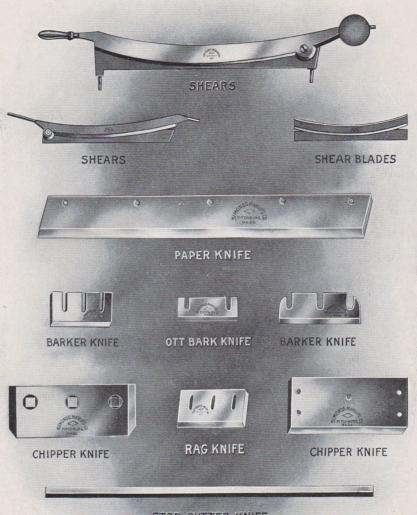
Knives For Furniture and Veneer Factories



Knives
For Coopers and Barrel Manufacturers

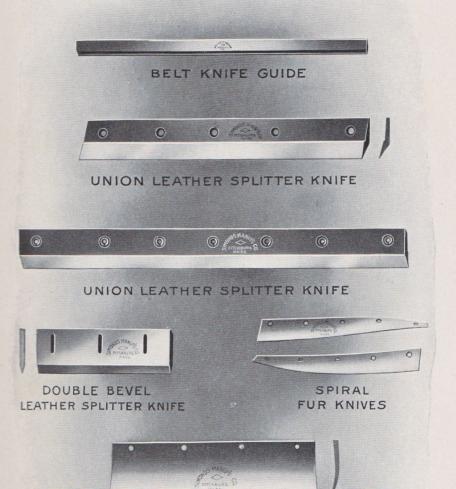


For Paper and Pulp Mills, Paper Boxmakers, Bookbinders and Printers



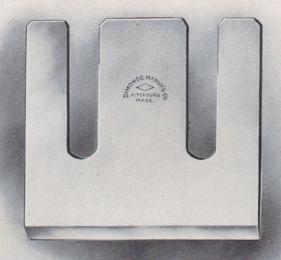
STOP CUTTER KNIFE

For Tanneries and Leather Splitters

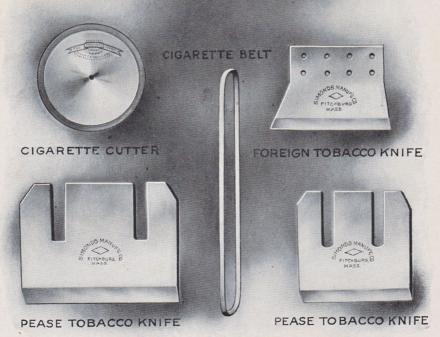


CURVED FUR BED KNIFE

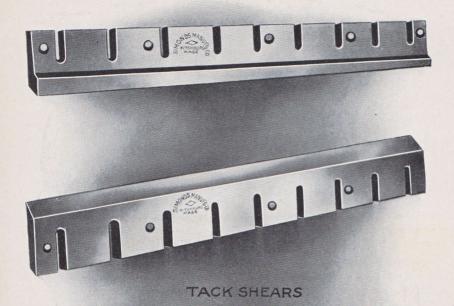
For Tobacco and Cigarette Manufacturers

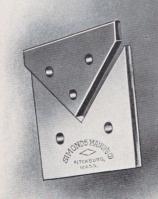


LEGG TOBACCO KNIFE

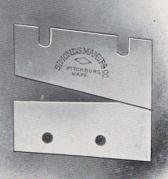


Shears For Cutting Metals



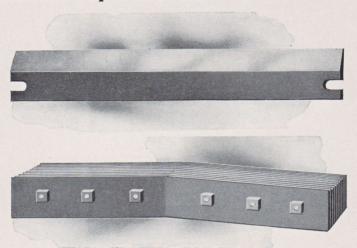


BOILER-PLATE SHEARS



ANGLE SHEARS

Simonds Paper Mill Bars and Bed Plates

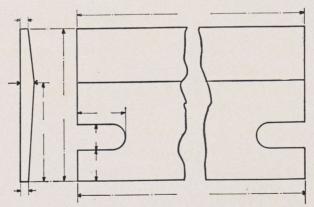


Simonds Paper Mill Bars and Bed Plates are manufactured of steel made by our own formula and chemically tested for its superior qualities of resistance and toughness.

The Bars are rolled in our factory to patterns furnished, record of which is kept, and they can be duplicated at any time. We would prefer that an old bar be sent as a pattern. Bars are made accurately and there is no trouble about misfits.

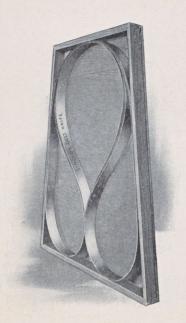
Bed Plates are made any style, according to blueprints, which should always be furnished when ordering. Show carefully all the required dimensions.

This part of our business is in thoroughly practical shape and your orders are earnestly solicited.



This sketch indicates necessary dimensions to be furnished when ordering Paper Mill Bars.

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.

Pond Ice Saw No. 350



Width at	Width at	Thioknoss			LIST E	LIST PRICE, WITHOUT F	HANDLE		
Butt	Point	THOMESON	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	84.50	\$5.00	\$5.50	\$6.00 each
;	" 9	11 "	9.80	3.25	3.80	4.95	4.70	5.15	5.70 "
1	9	10 "	9.70	3.15	3.60	4.05	4.50	4.95	5.40 "
., 1	3 2	11 "	2.55	2.95	3.40	3.85	4.25	4.70	5.10 "

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

Hand Ice Saw No. 359 Hollow back, regular tooth



28 \$12.50

Hand Ice Saws

For Wagon Use



No. 355

Beech Handle, Polished Edges

inches	per doze
30	\$19.00
88	\$18.00
96	\$17.00
24	\$16.00
Length	List Price

No. 357

Malleable Iron Handle



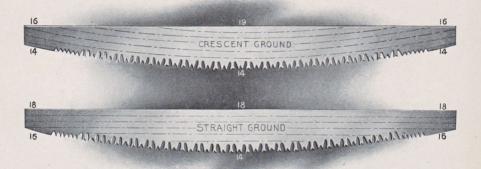
 Length
 24
 26
 28
 30 inches

 List Price
 \$19.00
 \$20.00
 \$21.00
 \$22.00 per dozen

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 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 guarantee.

Superiority Guaranteed

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

Crescent Ground Cross-Cut Saws List Prices

4 feet lo	no .									\$3.00	each
41/2 "											
5 "											**
$5\frac{1}{2}$ "										5.10	66
6 "											66
$6\frac{1}{2}$ "										6.80	66
7 "										7.80	"
71/2 "										8.90	"
8 "						•				10.00	66

Simonds Crescent Ground Cross-Cut Saws

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We furnish any Standard Tooth. For prices, see page 71

Simonds Crescent Ground Cross-Cut Saws

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We furnish any Standard Tooth. For prices, see page 71



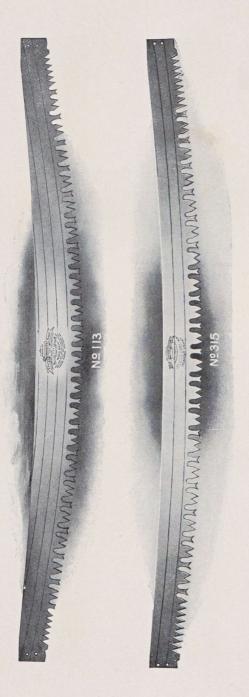




We furnish any Standard Tooth

For prices, see page 71

Simonds Crescent Ground Felling Saws



MANIMANIA TANDANIA TA Nº 325

For prices, see page 71

Simonds Crescent Ground Cross-Cut Saws

Cottonwood Patterns

Slightly narrower than regular wide saws

THE WAY TO A THE AND THE COLOR OF A CHARLES AND A CHARLES

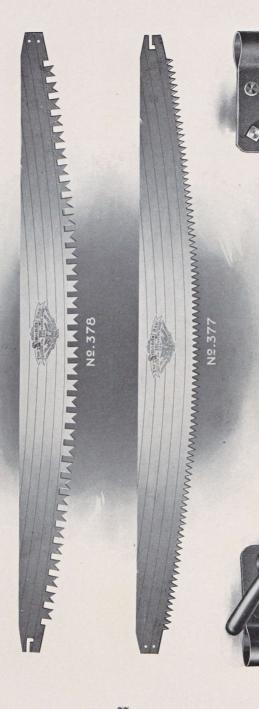
Nº.316

No.324

Nº.326

The above saws made only in 6 foot to 8 foot lengths. For prices see page 71

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



Tabs for the above Saws

For prices, see page 71

LIST PRICES

Simonds Crescent Ground Cross-Cut Saws

Pacific Coast Pattern

Patterns Nos. 500 to 516 inclusive are made especially heavy for the large timber of the Pacific Coast.

each	"	"	
\$36.60	44.60	53.30	
foot,	;	,,	
16	18	07	
ach	;	,,	
11 foot, \$20.00 each 16 foot, \$36.60 each	23.00	29.30	
oot,	"	3	
11 f	13	14	
ach	,,	,,	
314.50 e	$9\frac{1}{2}$ " 15.80 "	17.10	
foot,	,,	,,	
6	$9\frac{1}{2}$	10	
ach	,,	,,	"
\$10.00	11.00	6 " 8.00 " 8 " 12.10 "	13.30
foot,	"	3	;
2	7 2 2 1	8	8 2
ach	,,	"	*
\$6.30 e	7.10	8.00	00.6
foot,	"	"	;
5	$\frac{51}{2}$	9	62

Write for Discounts Complete stocks carried on Pacific Coast at San Francisco, Portland and Seattle.

Sizes in Stock

Regular Pattern, 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8, $8\frac{1}{2}$, and 9 foot. Falling Patterns, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8, $8\frac{1}{2}$, 9, 10, 12, 14, and 16 foot. Four-Tooth Pattern, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, and 8 foot.



REGULAR PATTERN. No. 500 12 Gauge on Teeth, 17 Gauge on Back

Simonds Crescent Ground Cross-Cut Saws Pacific Coast Pattern



ROYAL CHINOOK. BUCKING PATTERN. No. 503 13 Gauge on Teeth, 18 Gauge on Back

Complete stocks carried on Pacific Coast at San Francisco, Portland, and Seattle. For Prices see page 78 SEQUOIA CHIEF. BUCKING PATTERN. No. 506. 11 Gauge on Teeth, 16 Gauge on Back

Simonds Crescent Ground Cross-Cut Saws Pacific Coast Pattern

Falling Pattern. Sway Back. No. 510 13 Gauge on Teeth, 17 Gauge on Back

ROYAL CHINOOK. FALLING PATTERN. No. 513 13 Gauge on Teeth, 17 Gauge on Back Complete stocks carried on Pacific Coast at San Francisco, Portland, and Seattle. For Prices see page 78

Simonds Crescent Ground Cross-Cut Saws Pacific Coast Pattern

Sequoia Chief. Falling Pattern. No. 516 11 Gauge on Teeth, 16 Gauge on Back. For prices, see page 78



Hoo Hoo No. 522. 13 Gauge on Teeth, 18 Gauge on Back Length, Feet 5 $5\frac{1}{2}$ 6 $6\frac{1}{2}$ 7 $7\frac{1}{2}$ 8 List Price Each: \$4.30 \$4.80 \$5.40 \$6.10 \$6.80 \$7.50 \$8. Sizes IN Srock — 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, and 8 foot

Complete stocks carried on Pacific Coast at San Francisco, Portland, and Seattle

Write for discounts

Simonds Cross-Cut Saws Pacific Coast Pattern

\$6.80 \$7.50 CHINOOK No. 520. 13 Gauge on Teeth, 17 Gauge on Back Sizes in Stock — 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, and 8-foot \$5.40 \$6.10 \$4.30 \$4.80 List Price Each:

ECLIPSE

ECLIPSE No. 521. 13 Gauge on Teeth, 18 Gauge on Back Length, Feet 5 $5\frac{1}{2}$ 6 $6\frac{1}{2}$ List Price Each: \$4.30 \$4.80 \$5.40 \$6.10

Complete stocks carried on Pacific Coast at San Francisco, Portland, and Seattle. Write for Discounts Sizes in Stock — 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, and 8-foot

\$7.50

86.80

Simonds Cross-Cut Saws Pacific Coast Pattern





 Complete stocks carried on Pacific Coast at San Francisco, Portland, and Seattle. Write for Discounts

Bay State Cross-Cut Saws

[]	8 \$4.80	••	8		8 \$4.16 3.84
WYNYWYLWILLIAM CULLAN CANANAWAN CONTRACTOR OF THE CONTRACTOR OF TH	$7\frac{1}{2}$ $\$4.50$	WINNESS ARE AREA AREA AREA AREA AREA AREA AR	$7\frac{1}{2}$ \$4.50	THE TOTAL TO	$7\frac{1}{2}$ \$3.90
WAW	7 \$4.20	MANA	7 \$4.20	NUM	7 \$3.64 3.36
Lum	$6\frac{1}{2}$ \$3.90	ריוואיש	61 \$3.90 \$4.20	INVITAVI	$6\frac{1}{2}$ 63.38 3.12
W.Ru	\$3.60	n.a.m.a	\$3.60		6 \$3.19 9.88
Service Management of the service of	$\frac{5^{\frac{1}{2}}}{\$3.30}$	AMANANA	204 53.30	Cornell Mines	Nº 205 5 5½ 60 \$2.86 2.40 2.64
O Z	\$3.00	W.M.	N <u>o</u> 204	M.M.	20
ייישישריי	$4\frac{1}{2}$ \$2.70	W.m.	$4rac{4rac{1}{2}}{82.70}$ 8	non	41. \$2.34 \$2.16
T.W.D.A		Lavo. o		, man	\$2.08 3e 1.92
Jun.	4 \$2.40	משינות	\$2.40	MANA	×18 gauge 4×16 gaug
NAM	×18 gauge	MANA	×18 gauge	Monn	t Price, 14>
	Length, feet List Price, 14×18 gauge		Length, feet List Price, 14×18 gauge		Length, feet No. 205 — List Price, 14×18 gauge No. 205A — List Price, 14×16 gauge
					HAA

Bay State Cross-Cut Saws

indivision Thur.	Nilly	W. Louis	TURKUT.	HUNDANIA ANG A ANG ANG ANG ANG ANG ANG ANG ANG	Mill Company	M. T.M.	A CHANT L	MUTUAN	Chilingia	
Length, feet List Price, 14×18 gauge	4 \$2.56		4½ \$2.88	Nº 206	8	50 50 50 50 50 50 50 50 50 50 50 50 50 5	6 \$3.84	6 <u>}</u> \$4.16	<u>1</u> 16	7
Mananan	Annam	WWW	NAVA A A A	Spend B. Triffer	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Control of the contro	,,,,,,,,	annian		••}
Length, feet No. 207 — List Price, 14×18 gauge No. 207A — List Price, 14×16 gauge	.8 gauge .16 gauge	4 \$2.08 1.92	4½ \$2.34 2.16	Nº 207 5 \$2.60 2.40	\$2.86 2.64	6 \$3.12 2.88	$6\frac{1}{2}$ \$3.38	7 \$3.64 3.36	$7\frac{1}{2}$ \$3.90	8 \$4.16 3.84
Manny	Maham	Polladas	An Banka	ANALAN AN	DHE COMPANY OF THE CO	manhala	Andrehal	Mount	halmhal	
Length, feet List Price, 14×18 gauge	482.40		4½ \$2.70	\$3.00		$5\frac{1}{2}$ \$3.30	\$3.60	250	$6\frac{1}{2}$ \$3.90	\$4.20

Bay State Cross-Cut Saws-Hollow Back

~ ~	8	[··]	8	00	8
Month	73 \$2.10	drymynymy.	7½ \$2.40	NVANV	77
IMMM	7 \$1.96	MMMM	7.82.24	WWWW	7 \$2.10
MANANA	6½ \$1.82	Mallahala	6 <u>1</u> \$2.08	ALL MANAGON	63 \$1.95
Jad. And. A	6 \$1.68	Ladadadad	6 \$1.92	VANALA	6 \$1.80
LANDAR NO 210	53 \$1.54	nozi	$5\frac{5}{2}$ \$1.76	WALVALLA NO. 212	51 \$1.65
MANTH	5 \$1.40	WWhylylly	\$ \$1.60	MULLINGE	5
MINANDANDANDANDANDANDANDANDANDANDANDANDAND	4½ \$1.26	MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM	43	WHOM WANDER WALLE ALL ALL ALL ALL ALL ALL ALL ALL ALL	43 \$1.35
MANNAN	4 \$1.12	minimin	481.28	WWWW	481.20
	Length, feet List Price		Length, feet List Price		Length, feet List Price

Bay State Cross-Cut Saws-Hollow Back

	882.24	Apprilia 2	8	83.36		8
WALLE AND	71 \$2.10	Continuity attraction of the China	7½ \$2.90	71 \$3.15		$\frac{71}{2}$ \$2.10
MASSACIA	7 \$1.96	io aitio a	7 \$2.70 e taper	\$2.94	WAS STORY OF THE S	\$1.96
MANAGAM	63 81.82	CONTRO ON	\$1.90 $\$2.10$ $\$2.30$ $\$2.50$ $\$2.50$ \$2.50 same as No. 214 except that No. 0214 is 2 gauge taper	6½ \$2.73		61 \$1.82
WWWWW	6 \$1.68	HOUR	6 \$2.30 that No. 02	\$2.52	0.216	81.68
NO NO SIS	51.54 \$1.54	LIAAIIIJAII NO.214	$$^{5\frac{1}{2}}$$ \$2.10 o. 214 except	5½ \$2.31	No.216	5½ \$1.54
ALESA BAN	\$1.40	CHIECON	5 \$1.90 \$ same as N	\$2.10		\$1.40
KWKWIWINNINA	$^{4\frac{1}{2}}_{\$1.26}$	Mil Laim	4½ \$1.70 No. 0214	$4\frac{4\frac{1}{2}}{81.89}$	The state of the s	41.26
WIWIWI	481.12	WASHIN	4 \$1.50	4 \$1.68		\$1.12
N.M.M.	Length, feet List Price	Connin	List Price	Length, feet List Price		Length, feet List Price

Simonds One Man Cross-Cut Saws



No. 223. Crescent Ground

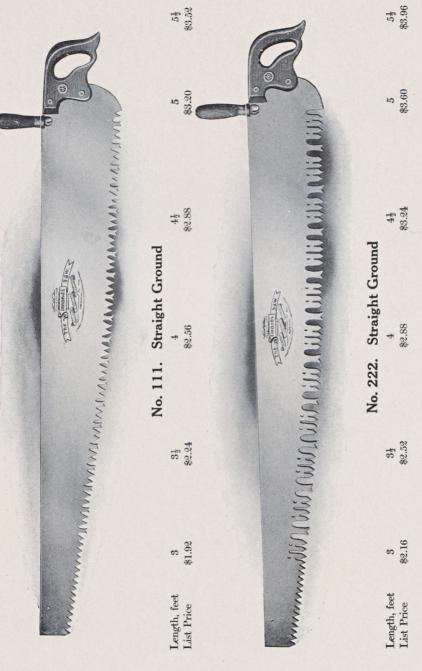
This is the only "Crescent Ground" One Man Saw on the market. Accurately tapered from cutting edge to back. An even gauge all along the tooth edge. It cuts easy and saws fast. Double-horn handle with large opening, enabling operator to use mitten or glove in winter. Fully warranted.

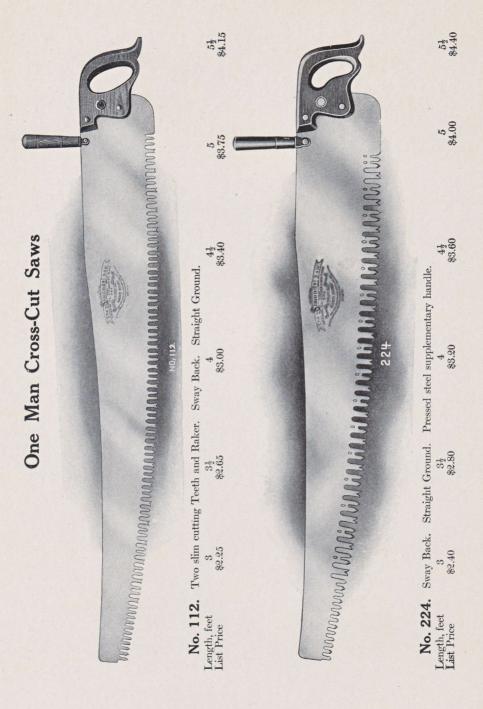
20	\$5.00
41	\$4.50
4	\$4.00
S 2 11	\$3.50
හ	\$3.00
Length, feet	List Price

\$5.50

52

One Man Cross-Cut Saws





One Man Cross-Cut Saws



No. 237. Lance Tooth. Sway Back. Straight Ground. mgth, feet 3 \$3.40 \$2.80 Length, feet List Price

4¹/₂ \$3.20

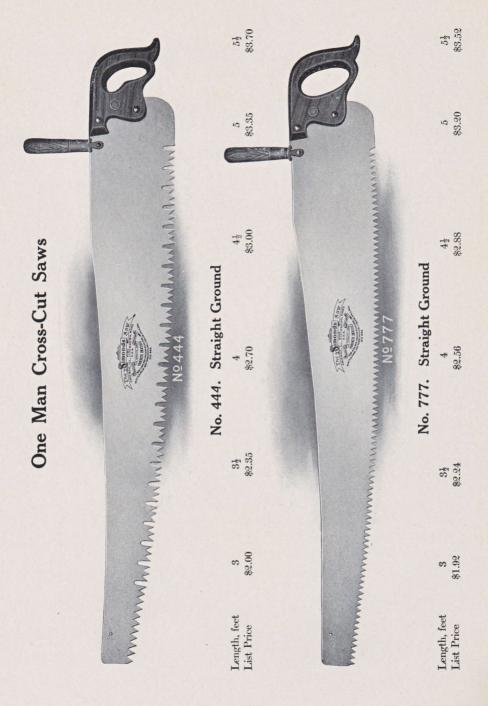
Chinook Tooth. Sway Back. Straight Ground. \$2.40 No. 238. C Length, feet List Price

\$3.20

4¹/₂

\$4.00

52 \$4.40



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.

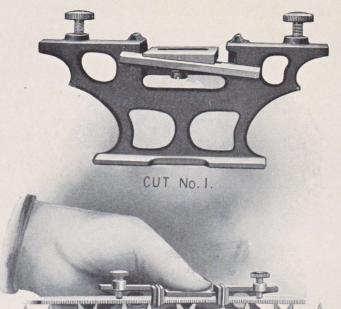
Cut No. 6. — Spring Set. The wide jaws of setting slot prevent injury to tooth.

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

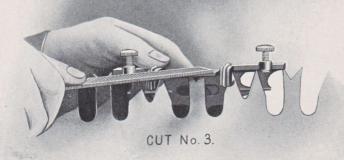
The Simonds Crescent Saw Tools

Patented August 29, 1899

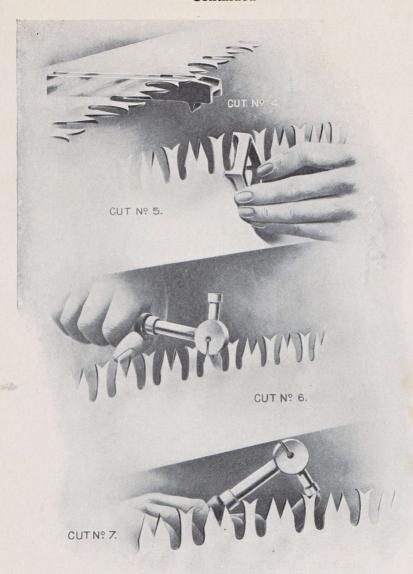
No. 340



CUT No.2.

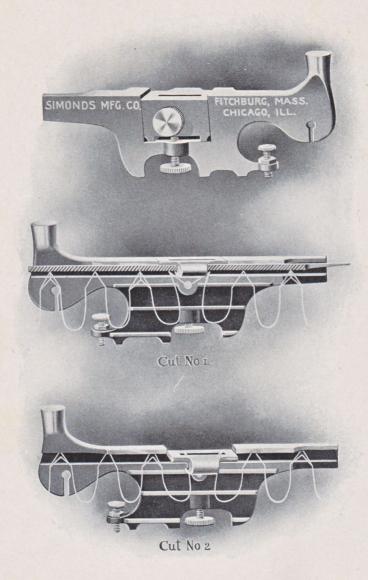


The Simonds Crescent Saw Tools Continued



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

Saw Tool No. 341 For Use in Fitting Cross-Cut Saws



Price, per dozen \$9.00

Simonds Cross-Cut Saw Handles

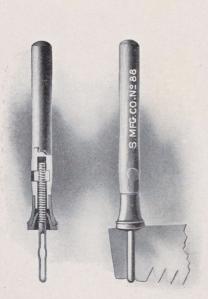


No. 6
Per Pair, 75 cents

New - Neat - Strong

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

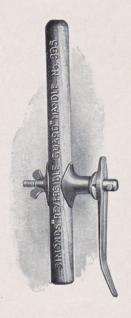
Ferrule made exceptionally strong, bringing liability of breakage down to a minimum.



No. 88 Loop Handles Per Pair, 20 cents



No. 111
Reversible
Per Pair, $14\frac{1}{2}$ cents



Simonds Reversible Guard Handle

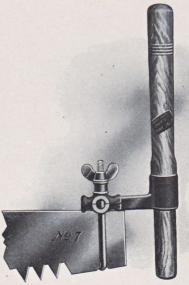
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Price, \$1.00 per pair

Cross-Cut Saw Handles

We supply all standard patterns of Cross-Cut Saw Handles, including the popular so-called No. 7 or No. 5, cut of which is shown here.

Price Handles as per cut Per pair - - 50 cents



Write for Discounts

No. 190. Turning or Chair Webs

Set and Sharpened Ready for Use

manning of the second	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		
		Marie Commence	
	20	\$1.00 per degen	$\frac{3}{16}$ to $\frac{1}{4}$ inch wide
6 inches	23 gauge 22 "	\$1.20 per dozen 1.25	16 to 4 men
1	22 "	1.30 "	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
8 "	22 "		
10 "	22 "	1.35 "	3 16 4 66 66 66 66 66 66 66 66 66 66 66 66
12 "	21 "	1.45 "	3 " 5 " " 16 " " " " " " " " " " " " " " " "
14 "	21 "	1.60 "	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	20 "	1.80 "	
10	20 "	2.00 "	1 " 1 "
18	20 "	2.25 "	1
20			
22 "	20 "	2.50	1 4 6 5 66 1 6 3 66
24 "	19 "	2.80	1
26 "	19 "	3.10 "	$\frac{1}{4}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{4}$
28 "	19 "	3.45 "	1 " 7 "
30 "	19 "	3.80 "	1 "1 "
32 "	18 "	4.20 "	1
34 "	18 "	4.00	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
36 "	18 "	5.00 "	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

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

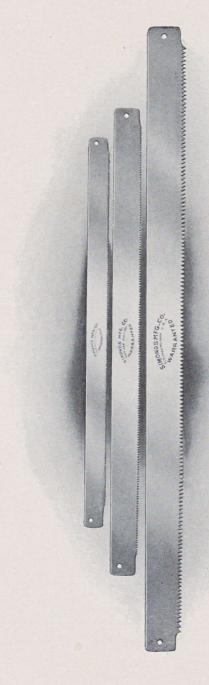
One gauge heavier than above list, no extra charge.

5 per cent extra for each additional gauge to 14 gauge; above 14 gauge, special prices.

Extra width, 10 per cent for each \(\frac{1}{3}\) inch.

N. B. — All web saws, \(\frac{1}{3}\) inch and narrower, will be made with wide ends, in order to give strength at the hole. Price, 25 per cent advance.

German Pattern Webs



15/8 to 2 wide Per Dozen	\$3.80	4.10	4.40	4.55	4.70
11/4 to 11/2 wide Per Dozen	\$3.30	3.60	3.85	4.00	4.15
7/8 to 11/8 wide Per Dozen	\$3.10	3.30	3.45	3.60	3.75
3/8 to 3/4 wide Per Dozen	\$2.75	2.90	3.10	3.30	3.50
Gauge	93	23	55	22	22
Length	28 in.	30 "	35 "	34 "	,, 98
15/8 to 2 wide Per Dozen	\$2.90	3.05	3.15	3.35	3.60
11/4 to 11/2 wide Per Dozen	\$2.60	2.70	9.80	3.00	3.10
78 to 11/8 11/4 to 11/2 wide Per Dozen Per Dozen	95	2.45 2.70			
	\$2.40		2.55	2.70	2.90
78 to 11/8 1 wide	\$2.15	2.45	2.25 2.55	2.40 2.70	6.60 2.90

ABOVE WEBS ARE SET AND FILED

Tanged webs advance 40 cents per dozen on above prices

German Pattern Webs

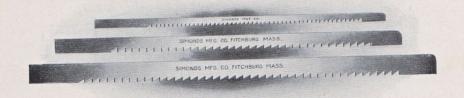
TWO GAUGES THIN ON BACK

					PRICE, PI	ER DOZEN	
Len	gth	Thickness on Toothed Edge 23 gauge 23 " 23 "		3 to 3 Inch Wide	7 to 11 Inches Wide	1½ to 1½ Inches Wide	15 to 2 Inches Wide
18 ir	ches	23 9	auge	\$2.55	\$2.75	\$3.00	\$3.25
20	"			2.60	2.85	3.10	3.45
22	"		"	2.70	2,95	3.20	3.55
24	**	23	"	2.80	3.10	3.35	3.75
26	46	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

Simonds Hand Saws

Progress in the manufacture of Hand Saws, as well as in other lines of Saws, means the application of care in manufacture, and we invite the opinions of carpenters and users of Hand Saws. We claim that our Saws hang correctly, are ground perhaps closer to gauge and therefore hang lighter in the hand than any other make of Saw on the market. Their cutting edge, owing to the quality of steel used and the Simonds process of tempering is not excelled.



The above illustration shows our method of packing all Simonds Hand Saws excepting Nos. 10 and 10½. The advantages are that, 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.

Our Blue Ribbon Hand Saws carrying the mark of the Simonds etching with the blue tint in the ribbon and designated as Simonds Blue Ribbon Saws, offer to the jobber, to the dealer, and to the consumer a Saw behind which is the high reputation of the Simonds Mfg. Co. The selling price of each Saw is etched on the blade besides put into the large screw in the handle and the Simonds Mfg. Co. guarantees that each Saw is worth the price asked. We do not believe there is a better Saw made than the one we offer in the Simonds Blue Ribbon Saw which we catalog on the next page.



The Simonds Blue Ribbon Hand Saws have a highly finished, accurately ground and tapered Simonds Steel Blade; a neatly carved apple wood handle, polished on sides and edges. An easy hanging saw. A fast cutter because it holds a tooth edge. A saw that appeals more especially to the better mechanic or artisan. Each saw packed in a separate case. Covered by Simonds absolute guarantee.

LIST PRICES

	Straight Back Skew Back	$ \begin{cases} $		\$24.00	22 \$24.00 2.00	\$24 \$30.00 \$2.50	26 \$30.00 2.50	28 \$36.00 3.00
	Straight Back Skew Back	Length Inches Per Dozen . Resale, Each .		\$21.00	22 \$21.00 1.75	\$24.00 \$2.00	26 \$24.00 2.00	28 \$30.00 2.50

NOTE—No. 61 and No. 62 have extra high gloss finish blades, and finely polished handles. We know of no other saws which equal these in appearance and quality.

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

No. 4



			Panel			Hand	p	
Size, inches Price, per dozen	16	18	20	22	24	26	28	30
	\$22.00	\$24.00	\$26.00	\$29.00	\$31.00	\$32.00	\$36.00	\$40.00

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

Each saw packed in separate case

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

No. 41/2



			Panel			Hand	ip	
Size, inches Price, per dozen	16	18	20	22	24	26	28	30
	\$19.00	\$21.00	\$23.00	\$25.00	\$27.00	\$29.00	\$33.00	\$38.00

PANEL

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

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

No. 5

Special Crucible Steel, Warranted, Carved and Highly Polished Apple Handle, Straight Back, Four Screws



			Panel			Hand	Hand Rip		
Size, inches Price, per dozen	16	18	20	22	24	26	28	30	
	\$18.00	\$20.00	\$22.00	\$24.00	\$26.00	\$28.00	\$32.00	\$37.00	

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

Each saw packed in separate case

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

No. 7

Special Crucible Steel, Warranted, Carved and Polished Apple Handle, Straight Back, Four Screws



			P	anel			Hand	Rip		
Size, inches .	14	16	18	20	22	24	26	28	30	
Price, per dozen	\$13.50	\$14.50	\$16.00	\$17.50	\$19.50	\$21.00	\$22.00	\$25.00	\$28.00	

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

Warranted Special Crucible Steel, Simonds Patented Temper Hand, Panel, and Rip Saws
No. 7½

Special Crucible Steel, Warranted, Carved and Polished Apple Handle, Straight Back, Four Screws



			Pa	Hand	R	Rip			
Size, inches	14	16	18	20	22	24	26	28	30
Price, per dozen	\$13.50	\$14.50	\$16.00	\$17.50	\$19.50	\$21.00	\$22.00	\$25.00	\$28.00

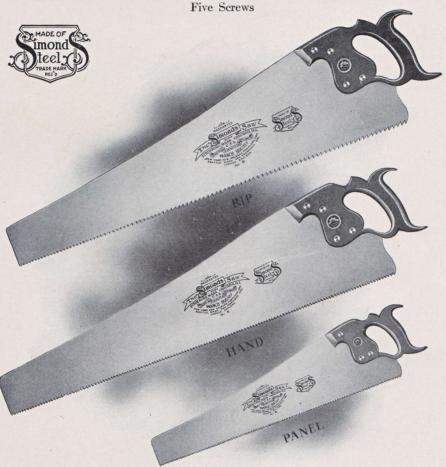
These saws are in quality and finish of steel and handle the most modern Hand Saws on the market, and are subject to the broadest Simonds Warranty.

Each saw packed in separate case

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

No. 8

Special Crucible Steel, Warranted, Apple Handle, Polished Edges, Skew Back



	7		Panel	Hand	Ri	p		
Size, inches Price, per dozen		18 \$16.00	20 \$17.50	22 \$19.50	24 \$21.00	26 \$22.00	28 \$25.00	30 \$28.00

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

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

No. 81/2

Special Crucible Steel, Warranted, Carved and Polished Apple Handle, Polished Edges, Skew Back, Five Screws



		Panel	Hand	Ri	p		
Size, inches Price, per dozen	18 \$16.50	20 \$18.00	22 \$20.00	24 \$21.50	26 \$23 00	28 \$26.00	30 \$29.00

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

Each saw packed in separate case

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

No. 9

Skew Back Ship Saw. Narrow Width. Carved and Polished Apple Handle Polished Edges. Five Screws



			Panel	Hand	R	ip		
Size, inches Price, per dozen	16 \$15.00	18 \$16.50	20 \$18.00	\$20.00	24 \$21.50	26 \$23.00	28 \$26.00	30 \$29.00

These saws are in quality and finish of steel and handle the most modern Hand Saws on the market, and are subject to the broadest Simonds Warranty. Each saw packed in separate case.

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

No. 10

Straight Back. Four Screws. Carved and Polished Beech Handle



			Pa	nel			Hand	Rip	
Size, inches Price, per dozen	14	16	18	20	22	24	26	28	30
	\$12.00	\$13.00	\$14.00	\$16.00	\$18.00	\$19.00	\$20.00	\$23.50	\$27.00

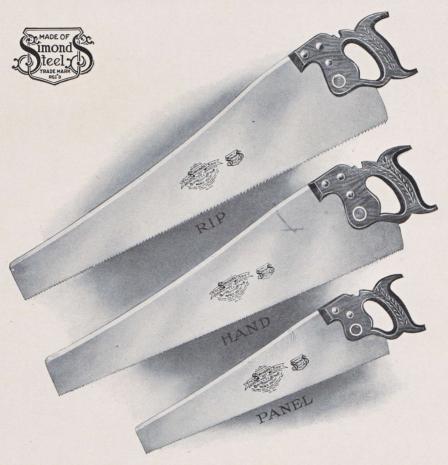
These saws are in quality and finish of steel and handle the most modern Hand Saws on the market, and are subject to the broadest Simonds Warranty. Each saw packed in separate case.

Packed one-third dozen in box

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

No. 101/2

Skew Back. Carved and Polished Beech Handle. Four Screws



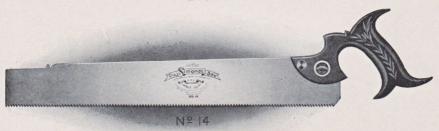
	Panel						Hand	Rip	
Size, inches Price, per dozen	14	16	18	20	22	24	26	28	30
	\$12.00	\$13.00	\$14.00	\$16.00	\$18.00	\$19.00	\$20.00	\$23.50	\$27.00

These saws are in quality and finish of steel and handle the most modern Hand Saws on the market, and are subject to the broadest Simonds Warranty. Each saw packed in separate case.

Packed one-third dozen in box

Warranted Special Crucible Steel, Simonds Patented Temper No. 14. Joiner or Bench Saw

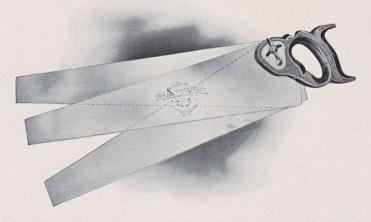
Special Crucible Steel, Warranted, Carved and Highly Polished Apple Handle Two Screws



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.

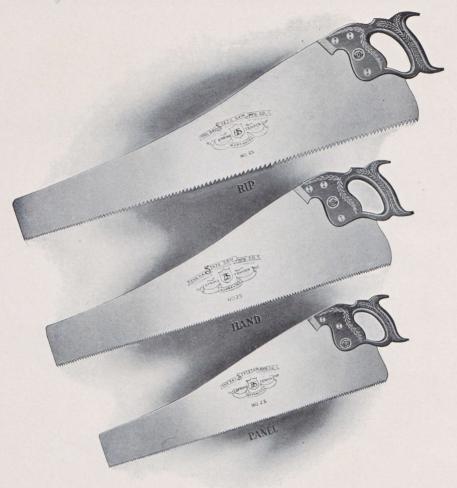
Packed one third dozen in box

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



			Panel			Hand	Rip	
Size, inches Price, per dozen	16	18	20	22	24	26	28	30
	\$13.00	\$14.00	\$15.00	\$16.00	\$17.00	\$20.00	\$22.00	\$25.00

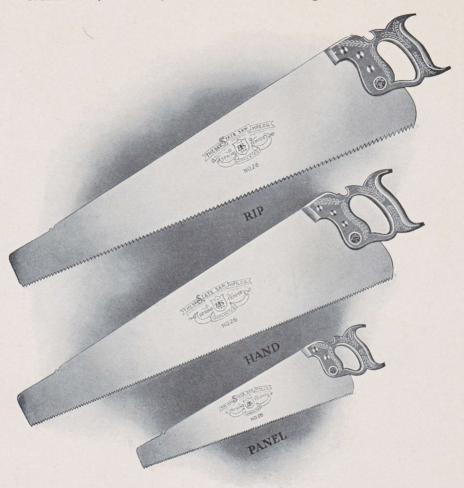
Each saw packed in separate case

Bay State Saw Manufacturing Co.'s

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

No. 26

Crucible Steel, Warranted, Carved Birch Handle, Straight Back, Four Screws



			Panel			Hand	Rip
Size, inches Price, per dozen	16	18	20	22	24	26	28
	\$13.00	\$14.00	\$15.00	\$16.00	\$17.00	\$20.00	\$22.00

King Philip

Son of Massasoit. Prominent in early New England history

No. 42

Cast Steel, Skew Back, Polished Blade, Warranted, Carved Beech Handle, Polished Sides and Edges, Four Screws



			I	Panel			Hand	Rip	
Size, inches	14	16	18	. 20	22	24	26	28	
Price, per dozen	\$8.00	\$9.00	\$10.00	\$11.25	\$12.50	\$14.00	\$15.00	\$16.75	

Packed one half dozen in box

Skenandoah

A Chief of the Oneida Tribe

No. 43

Cast Steel, Straight Back, Polished Blade, Warranted, Beech Handle, Polished Sides and Edges, Four Screws



		Panel			Hand	Rip	
Size, inches Price, per dozen	18 \$9.00	20 \$10.00	22 \$11.00	24 \$12.00	26 \$13.00	28 \$15.00	

Hiawatha

No. 45

Cast Steel, Skew Back, Polished Blade, Warranted, Carved Beech Handle, Polished Sides and Edges, Four Screws



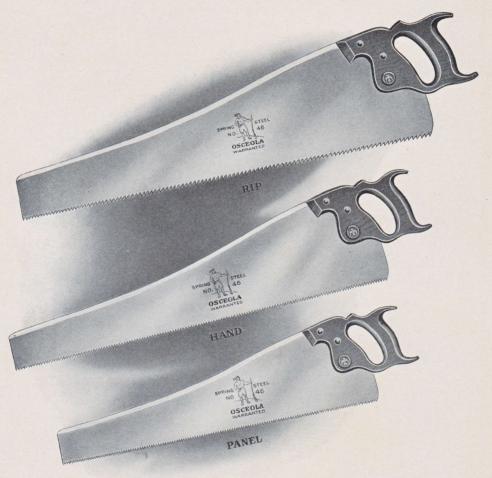
			Panel			Hand	Rip
Size, inches Price, per dozen	16	18	20	22	24	26	28
	\$8.50	\$9.50	\$10.50	\$11.50	\$13.00	\$14.00	\$15.50

Osceola

Chief of the Seminoles, Florida

No. 46

Cast Steel, Skew Back. Furnished with Blue Blade unless Bright Blade is specified on order. Warranted, Beech Handle, Polished Edges, Three Screws



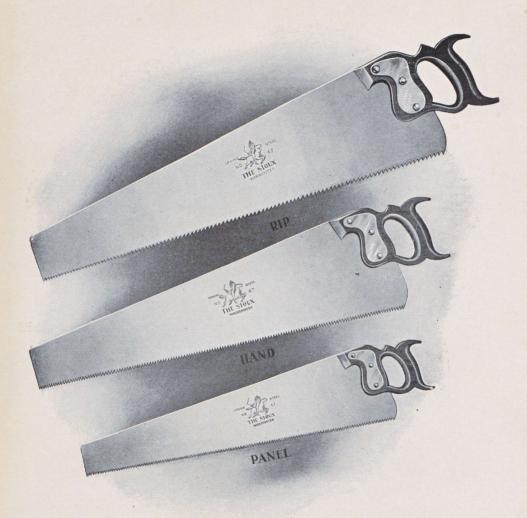
			Panel			Hand	Rip	
Size, inches Price, per dozen	16	18	20	22	24	26	28	30
	\$8.00	\$9.00	\$10.00	\$11.00	\$12.00	\$13.00	\$15.00	\$17.50

The Sioux

Prominent among the more recent Indian tribes

No. 47

Cast Steel, Straight Back, Polished Blade, Walnut Handle, with Polished Steel Plate, Three Screws



				Panel				Hand	Rip
Size, inches Price, per dozen	12	14	16	18	20	22	24	26	28 30
	\$6.65	\$7.10	\$7.60	\$8.20	\$8.75	\$9.35	\$9.95	\$10.50	\$12.90 \$15.20

Packed one half dozen in box

Algonquin

Michigan's Foremost Tribe



No. 48. 26 inch Combination Hand Saw, with 24 inch Square, Rule and Straight
Edge, Beech Handle, Three Screws
Packed one half dozen in box
Price \$8.40 per dozen

Iroquois

Foremost Tribe in New York State



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

				Panel				Hand	Rip
Size, inches Price, per dozen	12 \$4.90	$^{14}_{\$5.40}$	$\frac{16}{\$5.85}$	18 \$6.30	20 \$6.80	22 \$7.40	24 \$7.95	26 \$8.55	28 30 \$10.50 \$11.85

Packed one half dozen in box

Pontiac

Chief of the Ottawas



No. 50. Beech Handle, Three Screws

				Panel				Hand	Rip
Size, inches Price, per dozen	12	14	16	18	20	22	24	26	28 30
	\$4.20	\$4.70	\$5.15	\$5.60	\$6.10	\$6.55	\$7.05	\$7.60	\$9.50 \$10.60

Packed one half dozen in box

Table and Pruning Saws



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

22 24 inches 18 20 16 14 12 \$14.00 per dozen \$12.00 \$13.00 \$10.00 \$11.00 \$9.00 \$8.00 \$8.50 Packed one third dozen in box



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

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

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

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



No. 70. Tapered Pruning Saw

Special crucible steel. Hardwood handle. 14 inch blade centre to centre of holes.

Price \$12.00 per dozen

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 Keyhole Blades 10 inch . 2.00 " " Pruning Blades 16 inch . 5.00 " " Pracked 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

 \$4.50
 \$5.00
 \$5.50
 \$6.00
 \$6.50
 \$7.00 per dozen

 No. 86. Interchangeable Compass Blades

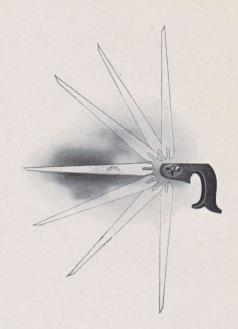
 10
 12
 14
 16
 18 inches

 \$2.25
 \$2.50
 \$2.75
 \$3.00
 \$3.50 per dozen

 Packed one half dozen in box

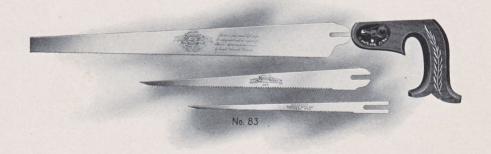
Adjustments

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.

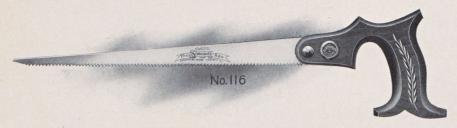


Complete, including Handle, 10 inch Keyhole Blade, 12 inch Compass Blade, and 18 inch Nail Cutting Blade \$18.00 per dozen

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 12 14 16 18 inches

\$4.50 \$4.75 \$5.00 \$5.25 \$5.50 per dozen

Packed one half dozen in box



No. 87. Simonds Mfg. Co.'s Compass Saw, Crucible Steel, Apple Handle Warranted

10 12 14 16 18 inches \$4.25 \$4.50 \$4.75 \$5.00 \$5.25 per dozen Packed one half dozen in box



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

\$3.75 per dozen

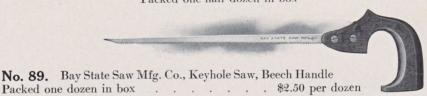


No. 94. Compass Saw, 12, 14, and 16 inches \$2.25 per dozen
Packed one half dozen in box

Simonds Mfg. Co.'s Keyhole Saws

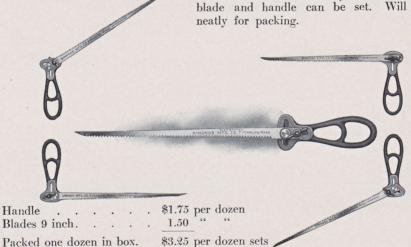


No. 117. Simonds Mfg. Co.'s Keyhole Saw. Carved and Polished Apple Handle
10 or 12 inch . . . \$4.50 per dozen
Packed one half dozen in box



No. 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.



Keyhole Saw and Pad



No. 90.	Keyhole Saw, \$1.40; Handle, 60 cents; complete . \$2.00 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

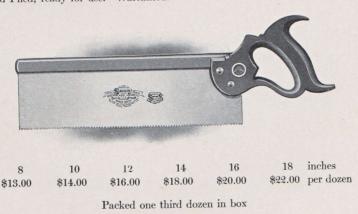
Crucible Steel Back Saws

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.



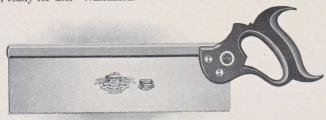
	4 Inches under Back	5 Inches under Back	6 Inches under Back
18 inch	\$22.00 per dozei		
20 "	24.00 "		
22 "	26.00 "		\$31.00 per dozen
24 "	28.00 "	\$31.00 per dozen	34.00 "
26 "	30.00 "	33.50 "	37.00 "
28 "	32.00 "	36.00 "	40.00 "
30 "	34.00 "	38.50 "	43.00 "
32 "	36.00 "	41.00 "	46.00 "

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



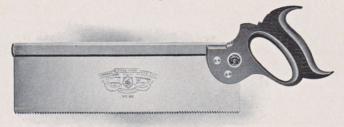
Crucible Steel Back Saws

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



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

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



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 dozen

No. 99. Babbitt Back Saw, Beech Handle, Polished Edges, 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

Simonds Manufacturing Co.'s Butcher Saws



No. 250. California Pattern, 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, $5\frac{1}{4}$ 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



No. 252. 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 $1\frac{1}{4}$ inches wide.

16 18 20 22 24 26 inches \$17.50 \$18.50 \$19.50 \$20.50 \$21.50 \$23.00 per dozen

Packed one third dozen in box

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

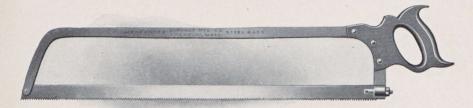
 Packed one third dozen in box

Simonds Manufacturing Co.'s Butcher Saws



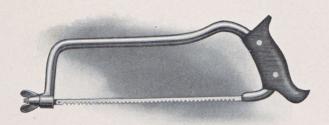
No. 261. Beech Handle, Flat Steel Back 1 inch $\times \frac{1}{4}$ inch, round edge. Depth from tooth edge of blade to inside edge of 24 inch frame, $4\frac{3}{4}$ inches. Bright blade $\frac{5}{8}$ inch wide.

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 $\times \frac{3}{16}$ inch, round edge. Depth from tooth edge of blade to inside edge of 24 inch frame, $4\frac{3}{4}$ inches. Bright blade 1 inch wide.

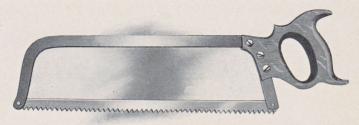
12 14 16 18 20 22 24 26 28 inches \$10.00 \$11.00 \$12.00 \$13.00 \$14.00 \$15.00 \$16.00 \$17.00 \$18.00 per dozen Packed one third dozen in box



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

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 $\frac{5}{16}$ 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 \$54.00 36 inches \$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 $\times \frac{1}{4}$ 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 Price $\frac{1}{2}$ \$4.00

 $\frac{5}{8}$ \$4.50

 $\frac{\frac{3}{4}}{\$5.00}$

1 \$6.50 $1\frac{1}{4}$ \$7.50

 $1\frac{1}{2}$ \$8.50

Per box of 50 feet

Butcher Saw Blades

Best Crucible Steel. Packed one dozen in box



From $\frac{3}{4}$ to $1\frac{1}{4}$ inches wide No. 258. Bright Blades. 20 12 14 16 18 22 24 26 28 inches \$3.30 \$3.50 \$3.75 \$4.00 \$4.25 \$4.50 \$4.75 \$5.00 \$5.25 per dozen No. 258. From $1\frac{1}{2}$ to 2 inches wide 20 22 24 26 16 18 28 inches \$4.75 \$5.00 \$5.25 \$5.50 \$5.75 \$4.50 \$6.00 per dozen Blued Blades, 11 inches wide and less 12 14 16 18 20 22 24 26 28 inches \$4.25 \$3.50 \$3.75 \$4.00 \$4.50 \$4.75 \$5.00 \$5.25 \$5.50 per dozen No. 258B. From 11 to 2 inches wide 12 14 16 18 20 99 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 75 cents each



Hand Saw Handles

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



			На	ndles for		18-20 In.	22-24 In.	26 Inches	28	Incl	nes
Hand	Saw	No.	4	Apple	carved	\$4.00	\$4.25	\$5.00	\$5.25		dozen
66	66	No.	5	- 66	"	5.25	5.50	6.50	6.75	- 66	66
66		No.		"	**	4.00	4.25	5.00	5.25	66	66
"	**	No.	8	"		3.00	3.25	4.00	4.25	66	66
66		No.		"	carved	4.00	4.25	5.00	5.25	66	66
"				Beech		2.50	2.75	3.00	3.25	66	6.
"	"	No.	25	Birch	**	3.00	3.25	3.50	3.75	66	**
66	66	No.	42	Beech	"	2.50	2.75	3.00	3.25	66	66
"	**	No.	43	"			2.25	2.50	2.75	66	"
***	"	No.	45	"	carved		2.75	3.00	3.25	66	
66	"	No.	49	66	varnished edges			1.65			
66		No.		"	plain			1.50			



Butcher Saw Handles

For s	styles	of tl	ne al	oove ha	ndle	s refer	to the	sa	ws k	ear	ing	sar	ne 1	nun	ıbe	rs.		
Butcher																	per	dozen
66	66	No	951	66	66	66	66									1.75	**	**
"	66	No.	252	"	"	"	"									1.50	66	**
"	"	No.	253	"	"	"										1.50	. 66	66
16	66	No.	255	66	66	66	"									1.50	61	66
		1,0.	,			e above												

One Man Cross-Cut Saw Handles



Compass Saw Handles



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

Pruning Saw Handles



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.



No. 2.



No. 20.



No. 21

No. 1.	Brass	Screw,	Small, Plain						\$2.50	per gross
No. 2.			Large, Plain						2.85	66
No. 20.			Small Eagle						4.00	66
No. 21.	**	"	Large Eagle						4.75	"

Packed half gross in box



No. 184 WALL SCRAPERS

Scrapers



No. 185

3 inch Blade \$2.75 per dozen 4 inch Blade \$2.75 per dozen 6 inch Blade \$4.00 per dozen

Cabinet Scrapers

Extra Quality



Plain Cut Edges Finished Edges Plain Cut E Sizes List List Sizes List	ozen \$1.25 per dozen	
2×4 \$0.32 per dozen \$0.57 per dozen 3×6 \$0.70 per d		
2×5 .38 " .68 " $3\frac{1}{2} \times 4$.70	" 1.25 "	
	" 1.50 "	
$2\frac{1}{2} \times 4$.50 " .90 " $3\frac{1}{2} \times 6$.95	" 1.70 "	
$2\frac{1}{2} \times 5$.55 " 1.00 " 4 × 4 .65	" 1.15 "	
	" 1.50 "	
3×4 .55 " 1.00 " 4×6 1.00	" 1.80 "	
	" 2.20 "	

No. 186B



No. 187

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 dozer
490	211/4	= 14	41/2	18	\$6.50
491	20	$11\frac{1}{4}$	$5\frac{5}{8}$	19	6.50
492	$19\frac{1}{4}$	12	$5\frac{1}{2}$	17	8.00
493	$19\frac{3}{4}$	$12\frac{1}{2}$	$5\frac{3}{4}$	16	9.00
494	$19\frac{3}{4}$	$12\frac{1}{2}$	5	16	9.00

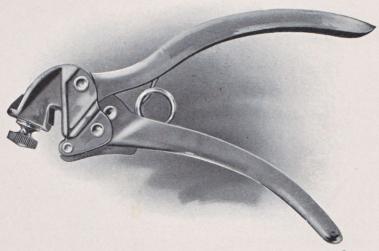
Other patterns of Cane Knives not listed above can be furnished on special order. Write for quotations.

Hand Saw Clamp. No. 198



Price 75 cents each

Hand Saw Set. No. 197



Made of Steel Throughout. Fully Guaranteed

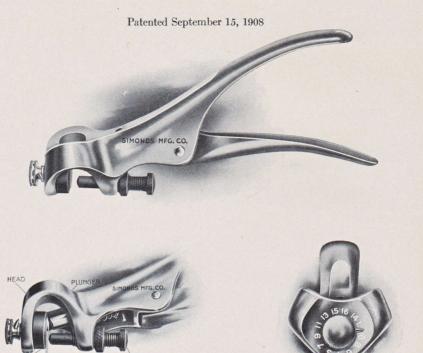
Will not slip, cut, or mar the teeth Has but one gauge to set

Any setting may be reproduced

Anvil and punch easily replaced

Price \$10.00 per dozen

Reversed Lever Saw Sets



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

END VIE

SHOWING

DIAL AND

INDICATOR

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.

GUAGE SCREW

CHECK HUT

SAW BLADE

LIST PRICES

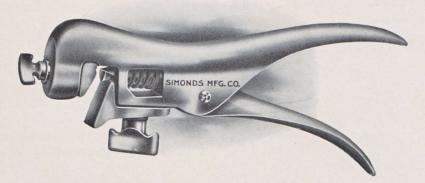
Lever Saw Sets

No. 335



Lever Saw Sets

No. 336



Simonds Docking Saw No. 348

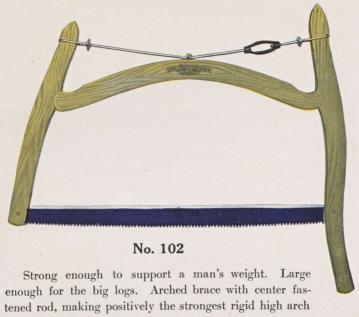


Here is one of those easy-cutting, handy saws for lumbermen to have around docks and yards where rough ends of boards or planks need to be sawed off. The saw is full-breasted and has bevel-filed teeth, $4\frac{1}{2}$ points to the inch. Ground to 18 gauge. Malleable iron handle firmly riveted to blade.

30 inch length, \$18.00 per dozen

Simonds Manufacturing Co.'s Crescent Wood Saws Complete

Patented November 15, 1904



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. No castings to break or get out of order. Special strong rod.

Furnished regularly with blade No. 407, made of Simonds Crucible Steel, extra thin back, blued, 21 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 153, and add price of the blade desired.

Wood Saws Complete

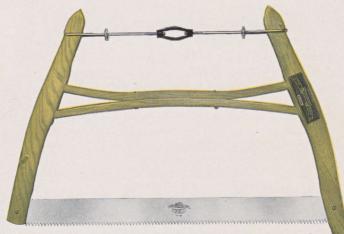


No. 103. Frame — Double brace, double riveted, stained walnut and varnished.

Rop — 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 151 and 153.

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

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.

Rop — No. 160, plain.

BLADE - No. 435, breasted, 2 inches wide, thin

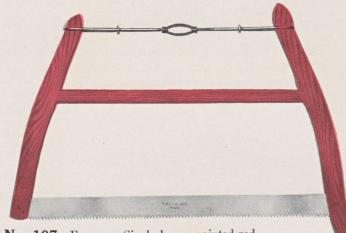
With 30 inch blades \$7.50 per dozen

With 32 inch blades \$8.00 per dozen

For combinations of above frames with other rods or blades use list prices, pages 151 and 153.

Wood Saws packed one half dozen in box

Wood Saws Complete

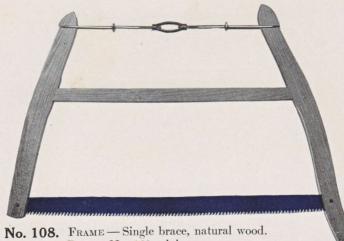


No. 107. Frame — Single brace, painted red.

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 151 and 153.

Rods for Wood Saw Frames



No. 160.	Sw	IVE	LI	OOP	R	OD,	Pi	AIN	1	
22										\$0.61 per dozen, \$7.30 per gross .61 " " 7.30 " "
24 "										.65 " " 7.80 " "
No. 161.	Sw	VIVE	L I	LOOF	R	OD,	T	INN	ED	
22										\$0.73 per dozen, \$8.75 per gross .73 " " 8.75 " "
24 "										.78 " " 9.25 " "



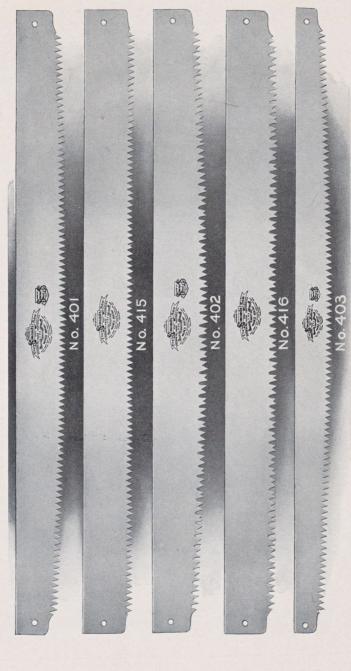
No. 163.	S	IM	ONI	os	Ex	TRA	H	EAVY	1	Rod,	T	INNED					
21 inch	1											\$1.00	per	dozen,	\$12.00	per	gross
22 "												1.00	• 66	"	12.00	- "	66
24 "															12.50		

Simonds Wood Saw Frames (without Blades or Rods)

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

	Packed ½ D	Packed ½ Dozen in Box											
No. 0102	\$3.34 per dozen	\$36.50 per gross											
" 0103	2.92 " "	\$40.00 per gross 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



No. 402 Wide, Breasted, Champion Tooth 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. 416 Wide, Straight, Champion Tooth Breasted Plain Tooth

No. 403 Narrow, Breasted, Plain Tooth

Simonds Wood Saw Blades

Etched Simonds Manufacturing Co. Made of Simonds Steel

Extra Thin Back

Special Finish

No.	Tooth			W	idtl	n	Finish	List 3	0 Inches	List 32 Inches		
401	Plain	Breasted	21/2	5	ga.	taper	Straw	\$10.00	per doz.	\$10.50	per doz.	
402	Champ.	66	$2\frac{1}{2}$	5	66	te	"	10.50	* "	11.00	66	
403	Plain	"	$1\frac{3}{4}$	4	66	"	"	9.00	"	9.50	"	
404	Champ.	"	13	4	"	"	"	9.50	"	10.00	66	
407	Plain	66	21	4	66	66	Blue	9.00	66	9.50	66	
408	Champ.	66	21	4	66	66	"	9.50	66	10.00	66	

Etched Simonds Manufacturing Co. Special Thin Back

No.	Tooth			W	idtl	h	Finish	List 3	0 Inches	List 32 Inches		
411	Plain	Straight	$2\frac{3}{8}$	4 9	ga.	taper	Bright	\$8.00	per doz.	\$8.50 p	er doz	
413	. 66	Breasted	$2\frac{3}{8}$	4	66	te	"	8.50	- "	9.00	66	
416	Champ.		$2\frac{3}{8}$	3	66	"	"	7.00	"	7.50	"	
418	"	Breasted	$2\frac{3}{8}$	3	66	"	"	7.50	"	8.00	66	
415	Plain	Straight	$2\frac{3}{8}$	3	66	66	"	6.50	"	7.00	66	
417	"	Breasted	$2\frac{3}{8}$	3	66	"	**	6.50	"	7.00	66	
421	"	"	13/4	3	66	"	Blue	5.50		6.00	66	

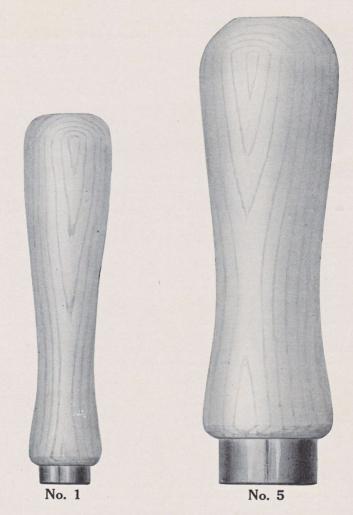
Etched Bay State Saw Manufacturing Co. Thin Back

No.	Tooth			W	7idtl	1	Finish	List 30	Inches	List 32 Inches		
432	Champ.	Breasted	$\frac{2\frac{1}{4}}{21}$	2 2	ga.	taper	Bright	\$4.75 4.75	per doz.	\$5.25 p	er doz	
434 431	Plain	Straight Breasted	$2\frac{1}{4}$ $2\frac{1}{4}$	2	"	"	"	4.75	"	5.00	"	
433	**	Straight	21	2	"	"	"	4.50	"	5.00	**	
436	Champ.	Breasted	2	2	66	66	Blue	4.50	"	5.00	66	
435	Plain	"	2	2	"	"	Bright	4.25	"	4.75	"	
439	**	"	$1\frac{3}{4}$	2	"	"	Blue	4.25	"	4.75	"	

Crucible Steel. Flat Ground

No.	To	oth	Width	Finish	List 32 Inches			
451	Plain	Straight	2	Bright	\$3.25 pe	er doz.	\$3.75 p	er doz
452	Champ.	"	2	"	3.75	66	4.25	"
453	Plain	Breasted	2	"	3.50	**	4.00	66
455	"	"	134	Blue	3.25	**	3.75	"
457	"	Straight	$1\frac{1}{4}$	"	2.75	66	3.25	66

Simonds File Handles



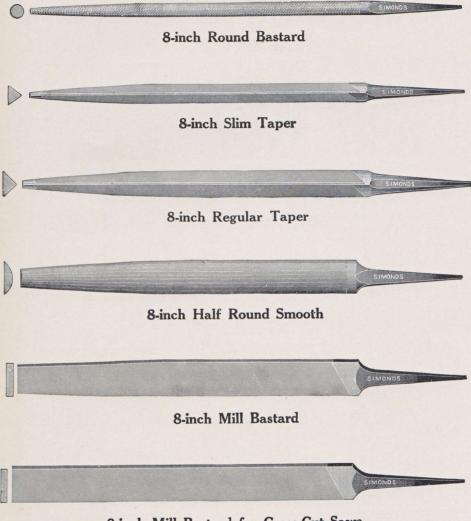
Natural Wood Finish. Steel Ferrule

Five sizes carried in stock

	No. 1	No. 2	No. 3	No. 4	No. 5
Ferrule Width	$\frac{1}{2}$ inch	$\frac{5}{8}$ inch	$\frac{3}{4}$ inch	$\frac{7}{8}$ inch	1 inch

Write for Special Prices

Simonds Files and Rasps



8-inch Mill Bastard for Cross-Cut Saws

For Prices, see Regular File List

Write for Discounts

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





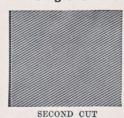






Single Cut







Rasp Cut

Used by Blacksmiths and Wood Workers







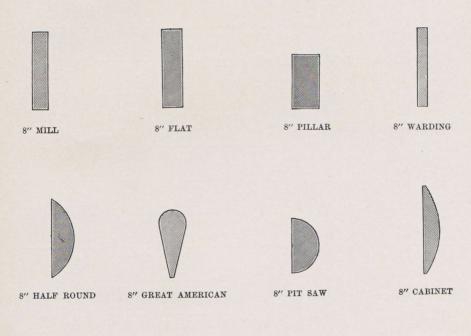
HORSE

BASTARD

SMOOTH

Sections of Files

Cross-Sectional Views of Standard Files









8" REGULAR TAPER



8" SLIM TAPER



8" CANT



8" SQUARE



8" ROUND

SIMONDS FILE COMPANY Price List of Files and Rasps FITCHBURG, MASS.

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

Price Per Dozen

	Smooth	5.40 6.40 6.40 7.50 8.20 9.30 113.70 113.70 21.00	\$9.40	\$6.40 7.40 8.10 9.70 10.70 15.40
WARDING	2d Cut	4.80 5.30 5.30 6.30 6.90 7.50 10.10 112.70 114.30 117.40	Stavesaw	Stavesaw Improved -inch . \$6.4
	Smooth Bastard	44.50 6.450 6.490 6.490 10.30 115.20 17.00	8-inch	Stave 6-inch 7 " " 8 " " 9 " " 10 " " 12 " " 12 "
RE SQ.		6.10 6.10	24.20 28.90 32.00 42.30	ard price adv. 2 in. adv. 2 in. adv. 2 in. adv. 2 in.
D. & THREE	2d Cut	6.10 6.70 6.70 6.70 6.70 6.70 9.40 111.80 113.00 117.00 117.00	222.50 27.00 29.90 35.70 39.40	3ast
HLF. RD.	Bastard	8.4.6 0.00.7.7.0 0.00.0 0.00.0 0.00.0 0.00.0 0.00.0 0.00.0	20.60 24.70 32.80 36.20	Ginsaw, take Bastard Crossing adv Tumbler adv Feather Edge (Bl.) adv High Back
Inch		4200800-0245	20118	
PILLAR	Smooth	440.000 86.000 88.000 88.000 89.0000 89.0000 89.0000 89.000 89.000 89.000 89.000 89.000 89.000 89.000 89.000 89.000 89.000 89.000 89.00	24.20 28.60 31.50 41.60	dv. 2 in. r Taper
AND	2d Cut	44.30 6.30 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	22.80 27.10 29.90 35.40 39.20	Slotting (Blt.) adv. 2 in. Cotter Blunt or Taper advance 2 in.
HAND	Bastard	8.8.3.4 9.8.3.0 9.8.4.0 9.8	20.10 24.20 26.80 31.90 35.10	Slotting
	Smooth	4.50 4.50 6.50	23.30 27.50 30.40 35.70 39.30	ce 1 in.
SQUARE	2d Gut	4.60 6.530 7.70 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50	25.40 28.20 33.20 36.70	t, advan
	Bastard	3.80 4.410 4.100 5.100 6.600 7.440 9.100 112.500 113.900 116.900	22.50 25.10 25.10 32.80	Square Blunt, advance 1 in.
Inch		4200000000000	2033476	nbg
	Smooth	4.4.70 6.60 6.60 110.70 116.70 116.70 116.70	26.50 29.20 34.60 38.30	bl. Cut
FLAT	2d Cut	4.4.4.30 6.10 11.0.9.8.10 11.0.9.80	24.20 26.80 31.60 35.30	Cant (Blunt) Dbl. advance 2 in.
	Smooth Bastard	8.8.4.4.8.00 6.30 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7	21.80 23.90 28.40 31.50	
ROUND	Smooth	3.30 6.30 6.30 6.30 7.00 8.50 11.70 13.10	21.30 24.30 29.40 32.90	dv. 2 in. dv. 1 in. dv. 1 in.
AND	2d Gut	8.8.4.4.4.6.00 0.000.4.4.4.6.00 0.000.4.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	20.20 20.20 22.70 27.50 30.70	Mill Blunt, Del. Cut, adv. 2 in. Mill Del. Cut adv. 1 in. Mill Narrow Point . adv. 1 in.
MILL	Bastard	88888888888888888888888888888888888888	18.20 18.20 20.20 24.60 27.40	Blunt, D Dbl. Cut Narrow I
Inch		4r9r80010224r	27828	WEIII

Inserted Tooth,	hisel	8.30 9.40 10.10		10		Smooth	6.40 7.10 7.10 8.50 8.90 8.50 112.30 116.10 119.20
PLANER INS	Single C	6.40 8.60 112.10	astard.	4.40	KNIFE	2d Cut Sn	6.10 6.70 6.70 6.70 9.10 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50
HOOK TOOTH K	Single S	6.70 6.70 8.30 9.40 111.80 13.00	Climax, adv. 2 in. on Hlf. Rd. Bastard Round Gulleting, take Pitsaw price.	0 3.90		Bastard 2	8.5.7.8.0 1.12.0.9.0 1.13.0.1.0 1.13.0.0 1.13.0.1.0 1.13.0.0 1
CROSS	Single	4.80 6.10 7.00 7.50 8.50 11.80	n. on H	0 3.50	Inch		450000011254
			dv. 2 in	3.50		Oval	9.30 10.10 12.20 13.70 16.80 22.40 PS
CANT	Single	4.30 6.10 6.10 6.10 10.40 11.40	max, a	R	RASPS	Rnd.	10 30 10 10 10 10 10 10 10 10 10 10 10 10 10
SAW	Single	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80	Clin	DOUBLE-ENDED TAPER	SHOE F	#	8.10 8.10 9.30 9.30 10.10 10.10 10.10 12.20 12.20 13.70 18.70 18.70 18.70 18.70 18.70 22.40 22.40 22.40 22.40 24.80 24.80 LAST MAKERS' RASPS inch adv. on Cabinet Rasp
Inch		4297850112			05	Flat	8.10 9.30 10.10 12.20 13.70 16.80 22.40 22.40 24.80
SAW	Slim	99999999999999999999999999999999999999	9.10	15.40	Inch		1 1 in L
BAND 8	Regular	99999999999999999999999999999999999999			Sc	Cabinet	10.10 11.70 11.70 115.50 12.50 22.80 22.80 22.80 23.30 42.40 46.90
TAPER	Double R	44444444444444444444444444444444444444			WOOD RASPS	Hf. Rnd.	8.10 10.10 110.10 113.20 118.70 118.70 125.40 125.40 125.40 13.20 43.60
SLIM T	Single	94444444444444444444444444444444444444	6.40 8.30 0.70	9.50 12.10 13.80	W	Flat	2.440 2.440 2.440 112.80 112.80 117.50 117.50 20.30 20.30 40.30 40.90
В.	Double	44444444444444444444444444444444444444	8.10 9.70 12.10	14.70 17.50 20.60	S	Cabinet	8.10 9.30 10.13 12.20 12.20 18.70 18.70 18.70 22.40 22.40 22.40 32.90 43.60
TAPER	Single	24.33.93.93.93.93.93.93.93.93.93.93.93.93.	8.10 10.70	12.50 15.90 18.20	WOOD FILES	Hf. Rnd.	6.10 7.50 8.50 8.50 10.70 11.80 118.50 224.70 27.50
Inch		862442000 162445000 162	e51	2554	A	Flat	4.30 4.30 6.30 6.30 7.00 8.60 111.80 117.80 117.80 221.50 23.90
EDGES	Smooth	4.90 5.10 5.60 6.10 6.80 7.90 7.90 10.60 11.80	14.60 16.40 20.10	22.40 27.10 30.40	Inch		07860122545978
ROUND EI	2d Cut	4.44 5.00 5.00 6.10 7.30 8.00 9.80	13.40 15.30 18.80	21.00 25.30 28.40	RASPS	Hf. Rnd.	8.10 9.30 10.10 12.20 113.70 116.80 122.40 223.70 229.70 88.90 43.60
TWO B	Bastard	8.4.00 8.4.00 9.4.00 7.00 8.4.0 9.4.0	11.80 13.40 16.40	18.40 22.80 25.30	FILE R	Flat	7.40 8.60 9.40 111.40 115.50 17.50 20.30 23.20 27.80 36.20 40.90
EDGE	Smooth	4.40 4.40 5.50 6.10 7.10 7.90 9.60	13.20 14.70 18.10	20.10 24.40 27.30	PS	Tanged	12.80 15.20 15.80 15.80 15.60 23.10 27.30 32.20
ROUND E	2d Gut	8.44.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	12.00 13.70 16.90	18.90 22.70 25.50	HORSE RASPS	Beveled & 3 Rasp	10.70 112.90 114.40 17.00 220.10 23.50 31.50 36.20
ONE F	Bastard	8.8.8.44.7.6.7.7.8 0.000.000.000.000.000.000.000.000.000	10.60 12.00 14.70	16.50 20.50 22.70	HO	Plain	9.40 11.40 11.80 1
Inch		4500000000	<u>64</u> 7	9778	Inch		80000000000000000000000000000000000000

Sizes below 4 inches, not extended, take 4-inch price.

Half Inches not specified, take mext higher full inch price.

Dead Smooth, double the price of Bastard Cut.

One Round Edge, advance 212 per cent.

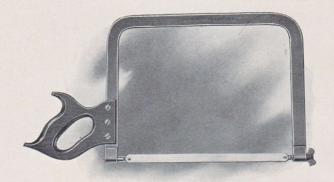
All lengths above those listed, advance 20 per cent. on next lower inch price.

Cuts not specified, advance 20 per cent.

Flies varying from standard sizes, subject to special prices.

Flies varying from standard sizes, subject to special prices.

Rail Hack Saw Frames



Forged Steel Frame, Nickel Plated, Drop Handle. Depth inside of frame to cutting edge of blades, $10\frac{1}{4}$ inches

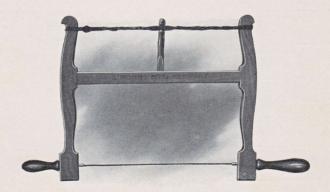
No. 21.	For 12 inch	blades				\$23.00	per	dozen
140. 21.								

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

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

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

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

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

Hack Saw Frames



No. 18. Japanned. Blades tightened by turning handle. 8 inch Frames
List price \$6.00 per dozen
Packed two in a box

No. 19. Japanned. Blades tightened with thumb screw. 8 inch Frames
List price \$3.00 per dozen
Packed six 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

Simonds Straight Cut Hack Saw Frames

The frame with a new handle that looks reasonable and is reasonable. Notice the position of the hand. Why shouldn't a hack saw be used in this easy, comfortable, natural manner instead of the old way? Once a mechanic tries the Simonds Straight Cut Frame he sticks to it.



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

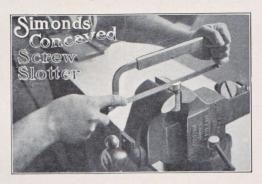
No. 39. 8 inch Frames. List price \$18.00 per dozenNo. 39A. 12 inch Frames. List price \$19.20 per dozen



No. 41. Nickel Plated. Extra 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

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.

SOMETHING NEW

FOR MACHINE SHOPS. Nothing like it ever before used.

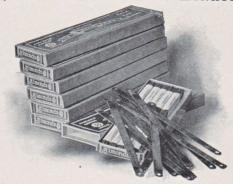
An extra heavy concave thin back blade for cutting slots in odd screw heads. A necessity in every shop. One cut with this blade will save its cost by the saving in time usually required to make a slot. Made in 8-inch length—four sizes to a set. Will fit any 8-inch frame or any adjustable hack saw frame. Covers a wide range of work. Milled teeth—14 and 24 to the inch; unless specified, blades with 14 teeth will be sent. For hand use only.

LIST PRICES

SI	ZE	8 I	NCH)	
Width	Thickness .109 x .080 .083 x .065 .065 x .052 .049 x .039	Gross \$24.00 22.00 20.00 18.00	Dozen \$2.00 1.83 1.67 1.50	Per set Doz. set Gross set	\$0.60 7.00 84.00

Sample set four different size 8-inch blades 75 cents postpaid

Simonds Hack Saw Blades



An exceptionally high grade blade, made for hard, continuous service.

Here is a blade for any work you may have. The strongest argument we can present about the Simonds Saw is the saw itself. Its uniform and accurate construction means high quality.

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.

Price List
No. 32. Simonds Hand Hack Saw Blades

Length	Width and Thickness	Per Dozen	Per Gross
6 inch	$\frac{7}{1.6} \times .025$	\$0.60	\$7.00
7 "	$\frac{7}{16} \times .025$.65	7.50
8 "	$\frac{7}{16} \times .025$.70	8.00
9 "	$\frac{1}{2} \times .025$.75	9.00
10 "	$\frac{1}{2} \times .025$.85	10.00
11 "	$\frac{\tilde{1}}{2} \times .025$.95	11.00
12 "	$\frac{1}{2} \times .025$	1.00	12.00
14 "	$\frac{1}{2}$ or $\frac{9}{16} \times .025$	1.25	14 80
16 "	$\frac{1}{2}$ or $\frac{9}{16} \times .025$	1.45	17 00
17 "	$\frac{1}{2}$ or $\frac{9}{16} \times .026$	1.65	19.50
18 "	$\frac{1}{9}$ or $\frac{9}{16} \times .026$	1.75	21.00
20 "	$\frac{1}{2}$ or $\frac{9}{16} \times .026$	2.00	24.00

Blades .028 or more in thickness are figured as Power Blades.

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

Hand blades made with 14, 24, and 30 teeth per inch. Unless specified, blades with 14 teeth per inch will be sent.

For work in solid cast steel and iron, heavy iron pipe, etc., have hand blades 14 teeth to the inch.

For solid brass and brass pipe use blades with 24 teeth to the inch.

For thin shell tubing and casing, use blades with 30 teeth to the inch.

Power Blades for Power Machines

Made in all suitable sizes. The steel used in the Simonds Hack Saw is made by a Simonds process especially for hard cutting service.



Illustration shows a section of a 3-4 inch power blade

Price List
No. 34. Simonds Power Hack Saw Blades

Length	Width and Thickness	Per Dozen	Per Gross
12 inch	5 × .032	\$1.15	\$13.80
	8 × .002 3 × .032	1.25	15.00
12 " 12 "	$\frac{3}{4} \times .032$	1.50	18.00
14 "	5 × .032	1.35	16.20
17	8 ★ .002 3 ★ × .032	1.50	18.00
14 " 14 "	$\frac{3}{4} \times .032$	1.80	21.60
17 "	$\frac{3}{4} \times .032$	1.85	22.20
17 "	$\frac{4}{3} \times .049$	2.30	27.60
17 "	$1 \times .049$	3.00	36.00
17 "	$1 \times .065$	3.25	39.00
24 "	$1 \times .065$	4.50	54.00

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

Power blades have 12 teeth per inch, excepting those .065 in thickness, which have 9 teeth per inch.

The 14 inch and 17 inch blades are $13\frac{1}{2}$ and $16\frac{1}{2}$ inches between center of holes respectively.

Do not attempt to saw too fast. Never run a blade over sixty strokes per minute.

Use the same care in selecting and using Hack Saws that you do with other tools and notice the good results.

Bay State Hack Saw Blades

No. 29



Being hardened and tempered by a special process, these blades have the necessary degree of hardness and toughness requisite to withstand severe usage.

These blades should be well strained in the frames. Standard 14 teeth per inch. 24 teeth furnished when specified.

Length	Width and Thickness	Per Gross	Length	Width and Thickness	Per Gross
6 inch	$\frac{7}{16} \times .025$	\$7.00	10 inch	$\frac{1}{2} \times .025$	\$10.00
7 " 8 "	$\frac{\frac{7}{16} \times .025}{\frac{7}{16} \times .025}$	7.50 8.00	12 "	$\begin{array}{c} \frac{1}{2} \times .025 \\ \frac{1}{2} \times .025 \end{array}$	11.00 12.00
9 "	$\frac{7}{16} \times .025$	9.00			

Blades .028 or more in thickness are figured as Power Blades.

The "Culley" Flexible Hack Saw Blades

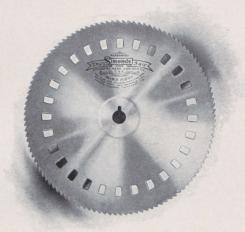


For plumbers, electricians, bicycle manufacturers and repairers, etc. Used principally for cutting brass, tubing, stringy metals. Not intended for use on Cast Steel, or such hard metals. They will not break or shell teeth. For hand use only.

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.



Milling Saws for Higley and Lea-Simplex Machines

Higley Machine	Machine Dia. Stand		Number and Pitch of Teeth						
Number	Inches	Thickness	16	1/4	3 8	1/2	<u>5</u> 8	3 4	7 8
$10 \\ 11 \\ 11\frac{1}{2}$	$ \begin{array}{c} 12\frac{1}{2} \\ 13\frac{1}{2} \\ 14 \end{array} $	$\begin{array}{c} \frac{8}{32} & \frac{1}{8} \\ \frac{1}{8} & \frac{5}{32} \\ \frac{5}{32} & \end{array}$	210	156 170	112	84 88	70		
12 14 15*-16	15 18 20	$\begin{array}{c c} \frac{5}{32} & \frac{3}{16} \\ \frac{3}{16} & \frac{7}{32} & \frac{1}{4} \\ \frac{3}{16} & \frac{7}{32} & \frac{1}{4} \end{array}$			124 150 168	94 112 124	74 90 100	76 84	64 72
17 19 18–20–21	21 26 31	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			218	162 194	106 130 156	88 108 130	76 94 110
$20\frac{1}{2}$ – $21\frac{1}{2}$	36	9 3 2					180	150	130

* No. 15 has Eight Pinholes and no Keyway.

When Ordering Metal Saws

Please state material to be cut, make of machine, maker's catalogue number, diameter and thickness of blade, center 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 center 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.

Simonds Metal Saws

Are made of Simonds Milling Saw Steel, which is made in the Simonds Steel Mill especially for these saws. Years of study and experiment have produced this steel, which gives the Simonds Milling Saw a remarkable cutting quality much superior to the carbon steels formerly in use. Such a cutting power allows the advantage of longer runs or of a faster feed — and frequently both.

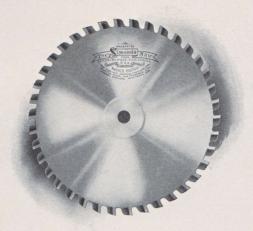
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Number of Teeth in Metal Saws

Standard Dia.				Numi	BER AND	Рітсн оғ	Теетн				
Thickness	Inches	1/8	3 16	14	5 16	38	76	1/2	9 16	5 8	34
$\begin{array}{c} \frac{1}{16} \\ \frac{1}{16} & \frac{3}{32} \\ \frac{1}{16} & \frac{3}{32} \end{array}$	8 9 10	200 224 250	134 150 168	100 112 124	100	84					
$\begin{array}{c} \frac{3}{32} & \frac{7}{64} \\ \frac{1}{8} & \frac{5}{32} \end{array}$	12 13 14		200	150 162 174	120 130 140	108 116	100	88			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	15 16 18				150 160	124 134 150	108 114 130	100 112			
$\begin{array}{c} \frac{3}{16} & \frac{7}{32} \\ \frac{3}{16} & \frac{7}{32} & \frac{15}{64} \\ \frac{13}{64} & \frac{7}{32} & \frac{15}{64} \end{array}$	20 22 24					168 184 200	144 158 172	124 138 150	112 122 134	110 120	
$\begin{array}{cccc} 7 & 1 \\ \hline 32 & 4 \\ \hline 7 & 1 \\ \hline 32 & 4 \\ \hline 7 & 1 \\ \hline 32 & 1 \\ \hline 4 & \\ \hline \end{array}$	26 28 30					218 234 250	186 200 214	162 176 188	144 156 168	130 140 150	
$\begin{array}{ccc} \frac{1}{4} & \frac{9}{32} \\ \frac{1}{4} & \frac{9}{32} \\ \frac{1}{4} & \frac{9}{32} \end{array}$	32 34 36					268	230 244 258	200 212 226	178	160 170 180	140 150

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



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	7 3 2	44
6 6A	$20\frac{1}{2}$	$\frac{1}{4}$	38
2B	$23\frac{1}{2}$	1/4	44
3B	$\frac{23\frac{1}{2}}{28}$	1 17	52
4B	$31\frac{1}{4}$	1 17	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
8SS	103/4	3 2	135 168
1A and Universal	21	1/4	88
2A and Universal	27	14	114
3A and Universal	33	14	138



Simonds Metal Slitting Saws, 2½ to 7 Inches Diameter

Saws under 8 inches in diameter will be ground taper to hole for clearance unless diameter of collars desired is given.

Size Diameter, Inches	Price	Size Diameter, Inches	Price	Size Diameter, Inches	Price
$\begin{array}{c} 2\frac{1}{2} \times \frac{1}{3\frac{1}{2}} \\ 2\frac{1}{2} \times \frac{3}{64} \\ 2\frac{1}{2} \times \frac{1}{16} \end{array}$	\$1.15 1.20 1.25	$\begin{array}{c} 4 \times \frac{1}{32} \\ 4 \times \frac{3}{64} \\ 4 \times \frac{1}{16} \end{array}$	\$1.50 1.55 1.60	$\begin{array}{c c} 6 \times \frac{1}{16} \\ 6 \times \frac{3}{32} \\ 6 \times \frac{1}{8} \end{array}$	\$2.35 2.55 2.65
$\begin{array}{c} 2\frac{1}{2} \times \frac{3}{3 \cdot 2} \\ 2\frac{1}{2} \times \frac{1}{8} \\ 2\frac{1}{2} \times \frac{5}{3 \cdot 2} \end{array}$	1.35 1.40 1.50	$\begin{array}{c} 4 \times \frac{3}{3 \cdot 2} \\ 4 \times \frac{1}{8} \\ 4 \times \frac{5}{3 \cdot 2} \end{array}$	1.70 1.75 1.85	$\begin{array}{c c} 6 \times \frac{5}{32} \\ 6 \times \frac{3}{16} \\ 7 \times \frac{1}{16} \end{array}$	2.80 2.95 3.00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.30 1.35 1.40	$egin{array}{c} 4 imesrac{3}{16}\ 5 imesrac{1}{16}\ 5 imesrac{3}{32} \end{array}$	1.90 1.90 2.05	$\begin{array}{c c} 7 \times \frac{3}{32} \\ 7 \times \frac{1}{8} \\ 7 \times \frac{5}{32} \end{array}$	3.25 3.40 3.60
$\begin{array}{ccc} 3 & \times \frac{3}{32} \\ 3 & \times \frac{1}{8} \\ 3 & \times \frac{5}{32} \end{array}$	1.50 1.55 1.65	$ \begin{array}{c} 5 \times \frac{1}{8} \\ 5 \times \frac{5}{32} \\ 5 \times \frac{3}{16} \end{array} $	2.15 2.30 2.40	$7 imes rac{3}{16}$	3.75

Price List Simonds Metal Saws

This price list covers blades for all makes of machines for cold cutting, including the Newton, Higley, Q & C., Nutter-Barnes, Cochran-Bly, Espen-Lucas, and many other machines.

Size	PRICE	Size	PRICE
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	\$4.00 4.24 4.36	$\begin{array}{c c} 20 & x \frac{13}{64} \\ & \frac{7}{32} \\ & \frac{1}{4} \end{array}$	\$18.70 19.30 20.50
$9 \ x \frac{\frac{1}{8}}{\frac{1}{6}} \\ \frac{5}{64}$	4.60 5.00 5.00	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20.50 23.30 25.40
$ \begin{array}{c} \frac{3}{3.2} \\ \frac{1}{8} \\ 10 \mathbf{x} \frac{1}{16} \end{array} $	5.15 5.45 6.50	$\begin{array}{cccc} 21 & x & \frac{3}{16} \\ 22 & x & \frac{3}{16} \end{array}$	20.50 23.30 20.50
$\begin{array}{c} -5 \\ 64 \\ \frac{3}{32} \\ \frac{7}{64} \end{array}$	6.50 6.70 6.90	$\begin{array}{c} 13\\ 64\\ \hline 7\\ 32\\ 155\\ 64 \end{array}$	21.20 21.90 22.60
$ \begin{array}{c} \frac{1}{8} \\ \frac{5}{32} \\ 12 \overline{X} \frac{3}{32} \end{array} $	7.10 7.70 8.00	$23\frac{1}{2} \times \frac{\frac{1}{4}}{\frac{7}{32}}$	23.30 25.10 26.70
$\begin{array}{c} 7\\ 64\\ 1\\ 8\\ \hline 5\\ 32 \end{array}$	8.25 8.50 9.25	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	23.50 24.30 25.10
$12\frac{1}{2} \times \frac{\frac{3}{32}}{\frac{1}{8}} \\ \frac{\frac{1}{8}}{\frac{5}{32}}$	9.50 9.50 10.55	$\begin{array}{c} \frac{15}{64} \\ \frac{1}{64} \\ \frac{1}{4} \\ 25 x \frac{3}{16} \end{array}$	25.90 26.70 28.00
13 $x \frac{1}{8}$ $\frac{9}{6.4}$ $\frac{5}{3.2}$	9.50 10.20 10.55	1 3 64 7 3 2 1 5 5 6 4	29.00 30.00 31.00
$13\frac{\frac{3}{16}}{x}$ $\frac{\frac{3}{16}}{\frac{7}{32}}$	10.90 11.60 9.50	$26 x_{\frac{1}{64}}^{\frac{1}{4}}$	32.00 28.00 29.00
9 64 55 32 164	10.20 10.55 10.90	$ \begin{array}{r} $	30.00 31.00 32.00
14 $x \frac{1}{8}$ $\frac{9}{6.4}$ $\frac{1}{3}$	9.50 10.20 10.55	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	37.50 35.00 37.25
$ \begin{array}{c} \frac{3}{16} \\ \frac{7}{32} \\ 15 x \frac{1}{8} \end{array} $	10.90 11.60 11.75	$30 \ \mathbf{x} \frac{\frac{1}{6} \frac{7}{4}}{\frac{7}{3} \frac{2}{2}}$	38.75 40.00 42.80
$ \begin{array}{c} \frac{9}{64} \\ \frac{7}{32} \\ 16 \mathbf{x} \frac{9}{64} \end{array} $	11.75 12.15 11.75	$\begin{array}{c} 31 & x & \frac{9}{3 \cdot 2} \\ 31 & x & \frac{1}{4} \\ 31 & \frac{1}{4} & x & \frac{1}{4} \end{array}$	44.20 48.00 48.00
$\begin{array}{c} \frac{5}{32} \\ \frac{1}{64} \\ \frac{3}{16} \end{array}$	12.15 12.55 12.55	$32 x \frac{\frac{17}{64}}{\frac{7}{4}}$	49.75 48.00 48.00
18 $x \frac{5}{32}$ $\frac{11}{64}$ $\frac{3}{16}$	14.75 15.25 15.25	$\begin{array}{c} \frac{9}{322} \\ \frac{5}{16} \\ 33 \times \frac{1}{4} \end{array}$	49.75 53.25 55.00
$\frac{\frac{7}{3}^{2}}{\frac{1}{4}}$ $18\frac{3}{4} \times \frac{13}{64}$	16.25 17.25 18.70	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	55.00 57.00 62.50
7 82 1 4	19.30 20.50 17.50	9 32 5 16 11 32	65.50 71.50 74.50
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	18.10	3 2 7 16	83.50

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